	Baseline Model: Astro Spectra Plus (W5 - Dash Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11 (Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	(Special Offer)
E.4	Radio, Project 25, 800 MHz, Mobile, Under-Dash Top-Line Refer to SECTION 6.0	$ 5,075.90	$ 5,075.90	$ 5,075.90	$ 4,484.50	$ 4,307.08	$ 4,070.52	$ 3,833.96	$ 3,597.40
	W5 35W ASTRO DIGITAL SPECTRA PLUS 512 CHANNEL								
	ENH: IMBE ASTRO DIGITAL								
	ENH:SMARTZONE OPERATION								
	ENH: DIGITAL ID DISPLAY								
	ENH: PROJECT 25 9600 BAUD TRUNKING								
	TRUNKED P25 OTAR								
	ADD: ENCRYPTION UCM HARDW								
	ENH: DES/DES-XL/DES-OFB								
	ENH: TWO (2) YEAR EXPRESS SERVICE PLUS								
E.4.1	Complete list of available options, accessories, and services, refer to section 1.2.2, 1.12.1, and 6.7. Attach catalog pricing with % discount.								
	ADD: EXTERNAL ALARM RELAYS AND CABLE	$ 63.75	$ 63.75	$ 63.75	$ 56.25	$ 54.00	$ 51.00	$ 48.00	$ 45.00
	ALT: 3DB GAIN ANTENNA	$ 10.20	$ 10.20	$ 10.20	$ 9.00	$ 8.64	$ 8.16	$ 7.68	$ 7.20
	ADD: AUXILIARY SWITCH PANEL	$ 140.25	$ 140.25	$ 140.25	$ 123.75	$ 118.80	$ 112.20	$ 105.60	$ 99.00
	ADD: CONTROL STATION OPERATION	$ 367.20	$ 367.20	$ 367.20	$ 324.00	$ 311.04	$ 293.76	$ 276.48	$ 259.20
	ALT: CONTROL STATION PALM MICROPHONE	$ (62.05)	$ (62.05)	$ (62.05)	$ (54.75)	$ (52.56)	$ (49.64)	$ (46.72)	$ (43.80)
	ADD: EXTERNAL EMERGENCY FOOTSWITCH	$ 47.60	$ 47.60	$ 47.60	$ 42.00	$ 40.32	$ 38.08	$ 35.84	$ 33.60
	ADD: EMERGENCY PUSH BUTTON	$ 47.60	$ 47.60	$ 47.60	$ 42.00	$ 40.32	$ 38.08	$ 35.84	$ 33.60
	ADD: 8 MODE DIRECT ENTRY	$ 153.00	$ 153.00	$ 153.00	$ 135.00	$ 129.60	$ 122.40	$ 115.20	$ 108.00
	ADD: 16 MODE DIRECT ENTRY	$ 306.00	$ 306.00	$ 306.00	$ 270.00	$ 259.20	$ 244.80	$ 230.40	$ 216.00
	ADD: 24 MODE DIRECT ENTRY	$ 459.00	$ 459.00	$ 459.00	$ 405.00	$ 388.80	$ 367.20	$ 345.60	$ 324.00
	ADD: KEY LOCK MOUNT	$ 28.05	$ 28.05	$ 28.05	$ 24.75	$ 23.76	$ 22.44	$ 21.12	$ 19.80
	ADD: ELECTRONIC SIREN/PUBLIC ADDRESS	$ 541.45	$ 541.45	$ 541.45	$ 477.75	$ 458.64	$ 433.16	$ 407.68	$ 382.20
	ADD: SIREN PA BUTTON	$ 420.75	$ 420.75	$ 420.75	$ 371.25	$ 356.40	$ 336.60	$ 316.80	$ 297.00
	ADD: PUBLIC ADDRESS	$ 450.50	$ 450.50	$ 450.50	$ 397.50	$ 381.60	$ 360.40	$ 339.20	$ 318.00
	ADD: KEY RETENTION 30 SECONDS	$ 42.50	$ 42.50	$ 42.50	$ 37.50	$ 36.00	$ 34.00	$ 32.00	$ 30.00
	ADD: PRINTED TEST RESULTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.2	Delete antenna kit, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: ANTENNA	$ (17.85)	$ (17.85)	$ (17.85)	$ (15.75)	$ (15.12)	$ (14.28)	$ (13.44)	$ (12.60)
E.4.3	Delete power harness, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.4	Delete brackets, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.5	Delete external speaker, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: SPEAKER	$ (23.80)	$ (23.80)	$ (23.80)	$ (21.00)	$ (20.16)	$ (19.04)	$ (17.92)	$ (16.80)
E.4.6	Delete user manual, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.7	Delete hardware, refer to section 1.12.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: MICROPHONE ASTRO	$ (34.00)	$ (34.00)	$ (34.00)	$ (30.00)	$ (28.80)	$ (27.20)	$ (25.60)	$ (24.00)
	DEL: ACCESSORIES W3	$ (175.10)	$ (175.10)	$ (175.10)	$ (154.50)	$ (148.32)	$ (140.08)	$ (131.84)	$ (123.60)
	DEL: ACCESSORIES REMOTE MOUNT W4, W5, W7 PACKAGES	$ (480.25)	$ (480.25)	$ (480.25)	$ (423.75)	$ (406.80)	$ (384.20)	$ (361.60)	$ (339.00)
	DEL: ACCESSORIES REMOTE MOUNT W9 MODELS	$ (679.15)	$ (679.15)	$ (679.15)	$ (599.25)	$ (575.28)	$ (543.32)	$ (511.36)	$ (479.40)
	DEL: CONTROL STATION DESK MICROPHONE	$ (109.65)	$ (109.65)	$ (109.65)	$ (96.75)	$ (92.88)	$ (87.72)	$ (82.56)	$ (77.40)

	Baseline Model: Astro Spectra Plus (W5 - Dash Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11 (Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	(Special Offer)
	DEL: CONTROL STATION POWER SUPPLY	$ (229.50)	$ (229.50)	$ (229.50)	$ (202.50)	$ (194.40)	$ (183.60)	$ (172.80)	$ (162.00)
E.4.8	Delete features, refer to section 1.12.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.9	Test and Programming Equipment, refer to section 1.2.4 and 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.10	Test and Programming Cables, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.11	Test and Programming Software, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.12	Maintenance training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.13	User training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.14	Extended warranty term options, refer to section 1.8.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.15	Necessary firmware/software fix per unit, refer to section 1.5.3.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.16	Optional upgrade per unit, refer to section 1.5.3.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.17	Upgrade price (bulk), refer to section 1.5.3.3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.18	Lifetime software per unit, refer to section 1.5.3.4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.19	Other firmware/software prices, refer to section 1.5.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.20	On-site programming and testing, refer to section 1.6.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	PER UNIT ON-SITE PROGRAMMING (SEE SECTION 13 FOR DETAILS)	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00
E.4.21	Trunked OTAR, refer to section 6.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	TRUNKED P25 OTAR	$ 629.00	$ 629.00	$ 629.00	$ 555.00	$ 532.80	$ 503.20	$ 473.60	$ 444.00
E.4.21.1	Encryption, refer to Addendum #1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ADD: ENCRYPTION UCM HARDW	$ 127.50	$ 127.50	$ 127.50	$ 112.50	$ 108.00	$ 102.00	$ 96.00	$ 90.00
	ENH: DES/DES-XL/DES-OFB	$ 509.15	$ 509.15	$ 509.15	$ 449.25	$ 431.28	$ 407.32	$ 383.36	$ 359.40
	ADD: AES ENCRYPTION	$ 403.75	$ 403.75	$ 403.75	$ 356.25	$ 342.00	$ 323.00	$ 304.00	$ 285.00
	ADD: AES WITH DES/DES-XL/DES-OFB ENCRYPTION	$ 679.15	$ 679.15	$ 679.15	$ 599.25	$ 575.28	$ 543.32	$ 511.36	$ 479.40
	ADD: MULTIKEY	$ 280.50	$ 280.50	$ 280.50	$ 247.50	$ 237.60	$ 224.40	$ 211.20	$ 198.00
E.4.22	TNC connector option, refer to section 6.6.4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.23	BNC connector option, refer to section 6.6.4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.24	Optional RF power capability, refer to section 6.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.25	Optional control head, refer to section 6.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	W3 35W ASTRO DIGITAL SPECTRA PLUS - 512 CHANNEL	$ 606.90	$ 606.90	$ 606.90	$ 535.50	$ 514.08	$ 485.52	$ 456.96	$ 428.40
	W4 35W ASTRO DIGITAL SPECTRA PLUS 512 CHANNEL	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	W7 35W ASTRO DIGITAL SPECTRA PLUS - 512 CHANNEL	$ 304.30	$ 304.30	$ 304.30	$ 268.50	$ 257.76	$ 243.44	$ 229.12	$ 214.80
	W9 35W ASTRO DIGITAL SPECTRA PLUS - 512 CHANNEL	$ 606.90	$ 606.90	$ 606.90	$ 535.50	$ 514.08	$ 485.52	$ 456.96	$ 428.40
E.4.26	Optional control cables, refer to section 6.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.27	Optional control head cable lengths, refer to section 6.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ALT: REMOTE MOUNT W4, W5, OR W7 WITH 17 FOOT CABLE	$ 252.45	$ 252.45	$ 252.45	$ 222.75	$ 213.84	$ 201.96	$ 190.08	$ 178.20
	ALT: REMOTE MOUNT W3 WITH 17 FOOT CABLE	$ 175.10	$ 175.10	$ 175.10	$ 154.50	$ 148.32	$ 140.08	$ 131.84	$ 123.60

		UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11							
	Baseline Model: Astro Spectra Plus (W5 - Dash Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	**(Special Offer)**
E.4.28	Optional microphones, refer to section 6.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ADD: MICROPHONE ANALOG	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.29	Optional loud speakers refer to section 6.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ENH: SPEAKER 10 WATT AUDIO	$ 12.75	$ 12.75	$ 12.75	$ 11.25	$ 10.80	$ 10.20	$ 9.60	$ 9.00
E.4.30	Optional power cables, refer to section 6.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.4.31	Optional install/mounting hardware, refer to section 6.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Accessories

A discount of 30% can be applied to all items listed except those with the following APC codes 557, 964, 606, 185, 261, 262, 371 & 415. Radio Service Software, Test Equipment and Shop Supplies are also excluded from discounting.

Algorithm Kits

Description	Nomenclature	APC	Price
DES, DES-XL, DES-OFB ENCRYP UC Algorithm upgrade includes both UCM hardware module and software encryption algorithms.	NNTN4024	526	$749.00
DVI-XL ENCRYPTION KIT UCM Algorithm upgrade includes both UCM hardware module and software encryption algorithms.	NNTN4025	526	$670.00
DVP-XL ENCRYPTION KIT - UCM Algorithm upgrade includes both UCM hardware module and software encryption algorithms.	NNTN4026	526	$637.00
DES, DES-XL, DES-OFB WITH DVP-XL ENCRYPTION KIT - UCM Algorithm upgrade includes both UCM hardware module and software encryption algorithms.	NNTN4027	526	$1,236.00

Antenna

Description	Nomenclature	APC	Price
ANTENNA, 3DB ROOF MOUNT STAINLESS STEEL (806-900) Roof Mount with RG 58 A/U cable, Mini UHF connector. Stainless Steel. Power: 100 Watts, Max., Gain: 3 dB, VSWR: Less than 1.5:1, Impedance: 50 Ohms, nominal 14 foot cable	RRA4914	554	$30.00

Cable(s)

Description	Nomenclature	APC	Price
17' CABLE	HKN4356B	617	$185.00
CABLE 30 FT FRONT CONTROLHEAD	YKN4246A	454	$162.00
CABLE 50 FT FRONT CONTROLHEAD	YKN4248	617	$153.00
CABLE 75 FT FRONT CONTROLHEAD	YKN4249	617	$278.00
FRONT CONTROL HEAD CABLE 115'	YKN4255A	570	$333.00
CABLE FRONT CONTROL HEAD 150 FEET	YKN4256	581	$481.00
FRONT CONTROL HEAD CABLE 10'	YKN4261A	270	$125.00

Control Stations

Description	Nomenclature	APC	Price
MOBILE DESK TRAY	HLN6042	617	$70.00
CONTROL STATION PWR SUPPLY	HPN4001	189	$269.00

Emergency

Description	Nomenclature	APC	Price
EMERGENCY FOOTSWITCH	HLN5113	604	$56.00
PUSHBUTTON EXTERNAL EMERGENCY	HLN6188	617	$56.00

Microphones

Description	Nomenclature	APC	Price
MICROPHONE ENHANCED PALM	HMN1080	412	$72.00

Remote Mount

Description	Nomenclature	APC	Price
REM MT SEC FLD RETRO SPECTRA	H1447	624	$330.00
Contact your ASE for radios shipped prior to 3-15-89.			
REMOTE MOUNTING W3	H1519A	412	$213.00
REMOTE MOUNT W7 800 MHZ LOW/MID POWER	H1793	526	$345.00
KEY LOCK MOUNT	HLN6025	617	$33.00

Siren

Description	Nomenclature	APC	Price
SPECTRA MOBILE SIREN/PA (W269)	H1336	412	$637.00
W4, W5, W7 AND W9 MODELS ONLY. W269			
This does include DEK for Siren Operations			
SPECTRA MOBILE PA KIT (W589)	H1337	412	$570.00
W4, W5, W7 AND W9 MODELS ONLY.			
PA Analog			
SIREN PA	H1500	412	$545.00
Does not include DEK for siren operation.			

Motorola Confidential and Propreitary

Spare Remote Mount Control Heads

Description	Nomenclature	APC	Price
SPARE REMOTE MOUNT CONTROL HEAD W3 Consists of an ASTRO Digital SPECTRA Control Head in a remote mount configuration, buttons for all currently available features and mounting hardware. NO POWER OR CONTROL CABLES ARE INCLUDED.	H1514	412	$492.00
W4 ASTRO SPARE CONTROLHEAD Consists of an ASTRO Digital SPECTRA Control Head in a remote mount configuration, buttons for all currently available features and mounting hardware. NO POWER OR CONTROL CABLES ARE INCLUDED.	H1515	412	$437.00
SPARE CTRL HEAD W5 Consists of an ASTRO Digital SPECTRA Control Head in a remote mount configuration, buttons for all currently available features and mounting hardware. NO POWER OR CONTROL CABLES ARE INCLUDED.	H1516	412	$437.00
SPARE CTRL UNIT W7 Consists of an ASTRO Digital SPECTRA Control Head in a remote mount configuration, buttons for all currently available features and mounting hardware. NO POWER OR CONTROL CABLES ARE INCLUDED.	H1517	412	$492.00
SPARE W9 HD Consists of an ASTRO Digital SPECTRA Control Head in a remote mount configuration, buttons for all currently available features and mounting hardware. NO POWER OR CONTROL CABLES ARE INCLUDED.	H1518	412	$743.00
CONTROLHEAD WITH HEADSET JACK Put into a earplug jack on a W9 CONTROL HEAD ONLY!! Allows an operator to prompt monitor relay activity. Speaker is disconnected when an earplug is plugged into jack.	H1647	412	$595.00
AUXILIERY SWITCH PANEL (W591- W4, W5, W7)	HLN1196	412	$165.00
AUXILIARY SWITCH PANEL	HLN1342	617	$165.00

Speaker

Description	Nomenclature	APC	Price
SPKR SYS 9000 This speaker is 5w (8Ohm).	HSN4018B	617	$50.75
SPEAKER SIREN, CHROME & BLACK	TDN6251	706	$329.00
SPEAKER RECTANGULAR WITH CHROME FINISH	TDN6252	706	$265.00
SPEAKER UNDERHOOD WITH GRAY FINISH	TDN6253	706	$220.00
SPEAKER ROUND WITH GRAY FINISH	TDN6254	706	$248.00

Customer Programming Software

Description	Nomenclature	APC	Price
ASTRO SPECTRA PLUS PROGRAMMING/FLASH CABLE This cable MUST be ordered when you order the RVN4186 to program the Mobile Radios.	HKN6155	526	$95.00
SOFTWARE FOR ASTRO 25 MOBILE CD FORMAT; VERSION R01.00.00 This is CD format. This software will program ASTRO Digital Spectra Plus Mobile Radios. This provides 3yrs worth of support.	RVN4185	371	$250.00
SOFTWARE FOR ASTRO 25 PORTABLE/MOBILE 2 CD SET; VERSION R01.00.00 This is a CD Format and comes with 2 CDs containing RVN4185 & RVN4181. This provides 3yrs worth of support. MUST order one of the following cables: HKN6155 to program Mobile Radios.	RVN4186	371	$375.00

Manuals

Description	Nomenclature	APC	Price
MANUAL INSTL SPECTRA Installation manual	6881070C85	617	$3.20
ASTRO VHF, UHF, 800 MHz basic service manual	6881076C20	412	$15.00
ASTRO SPECTRA W3, VHF, UHF, 800 MHZ RADIO USER MANUAL	6881090C61	362	$17.50
ASTRO SPECTRA W4, W5, W7, W9, VHF, UHF, 800 MHZ RADIO USER MANUAL	6881090C62	362	$17.50
ASTRO SPECTRA PLUS DSM	99854500	1	$30.00
CD ASTRO SPECTRA PLUS USER GUIDE	9985924D01	1	$20.00
ASTRO SPECTRA PLUS BASIC SERVICE MAN CD	9985925D01	1	$22.00

Miscellaneous

Description	Nomenclature	APC	Price
ASTRO PLUS ACCESSORY GROUP, W9 REMOTE MOUNT 800 MHZ LOW/MID POWER Includes: speaker, microphone, hang up clip, antenna, power cable kit, and mounting hardware.	H1789	526	$345.00
ASTRO PLUS ACCESSORY GROUP, W4,W5,W7 DASH MOUNT 800 MHZ Includes: speaker, microphone, hang up clip, antenna, power cable kit, and mounting hardware.	H1790	526	$175.00
ASTRO PLUS ACCESSORY GROUP, W3 REMOTE MOUNT 800 MHZ LOW/MID POWER Includes: speaker, microphone, hang up clip, antenna, power cable kit, and mounting hardware.	H1791	526	$425.00
ASTRO PLUS ACCESSORY GROUP, W5 REMOTE MOUNT 800 MH LOW/MID POWER Includes: speaker, microphone, hang up clip, antenna, power cable kit, and mounting hardware.	H1792	526	$345.00

Data Compiled 06-Dec-2002 using DUP and all prices in USD

ASTRO® Digital Spectra Plus FLASHport® Aftermarket Upgrades 800MHz and VHF/R2 Bands Secure and Trunked Radio System

GENERAL INFORMATION

FLASHport® Aftermarket Software is used to upgrade to the latest version of your System Enhancement Software Package, to upgrade to a different System Enhancement Software Package, or to order enhancements for existing ASTRO® Digital Spectra Plus radios in the field. FLASHport® Upgrade Kit contains upgrade software and upgrade documentation.

ORDERING REQUIREMENTS

1. Specify the current System Enhancement Software Package that represents the software in the radio as your main line item (T6766, T6767, T6768, or T6769), and order quantity 1 at $0 (No Charge).

2. Choose the desired Operational Mode, System Enhancement Software Package, and/or System Enhancement Option (s) and enter as sub-items.

3. FLASH Model (factory model number) and FLASHcode must be entered into designated COF fields. A separate line item must be entered for each different combination of Radio Model and FLASHcode. (FLASHcode can be read from using ASTRO® Digital Spectra Plus Flash/programming cable (HKN6155) and CPS (RVN1465/RVN4166) and/or from the radio display in service mode.)

4. ALL Sub-items must have the same quantity listed (which equals the number of radios being upgraded) even though the main line is ALWAYS 1.

CURRENT SYSTEM SOFTWARE PACKAGE				
	T6766	T6767	T6768	T6769
	ANALOG SMARTNET®	DIGITAL SMARTNET®	ANALOG SMARTZONE®	DIGITAL SMARTZONE®
OPERATION MODES (List as sub items)				
ENH: ASTRO® Digital CAI Operation G806 NOTE 1	N/A	$220	N/A	$220
ENH: ASTRO® Digital CAI Operation G808	$770	N/A	$770	N/A
SYSTEM ENHANCEMENT SOFTWARE (List as sub items)				
ENH: Upgrade to SMARTNET® G346	$83	$83	N/A	N/A
ENH: Upgrade to SmartZone® G347	$440	$440	$83	$83
SYSTEM ENHANCEMENT OPTIONS (List as sub items)				
ADD: ID Display (8 Numeric Characters) G114 NOTE 3	$75	$75	$75	$75
ENH: SmartZone® OmniLink™ Operation G173 NOTE 4	N/A	N/A	N/A	$200
ENH: Proj.25 9600 Baud Trunking G361 NOTE 5	N/A	N/A	N/A	$300
ENCRYPTION ENHANCEMENT OPTIONS (List as sub items) - Radios must contain Encryption to add Encryption Enhancement Options NOTE 2				
[illegible] Multikey Operation W968	X	X	X	X
[illegible]D: Multikey Operation W969	$300	$300	$300	$300

NOTE 1: For feature details, see System Enhancement Software Packages Section under the General Information on the ASTRO® Digital Spectra Plus 800MHz page.

NOTE 2: See Encryption Field Upgrade Kits' Section under the General Information on the ASTRO® Digital Spectra Plus 800MHz page, if radios do not currently contain encryption.

NOTE 3: ID Display uses ASTRO® Signaling in digital mode and MDC™ signaling in analog model. Consequently, it is not available in Trunked analog modes.

NOTE 4: For Feature Details, see Mobile Section under the General Information page, for System Enhancement Software Feature Packages on ASTRO® Digital Spectra Plus Mobile.

NOTE 5: SmartZone® operation (either G51 from factory or G347 from FLASHport®) and IMBE ASTRO® Digital (either G806 from factory or G806 or G808 from FLASHport®) must reside in radio for operation of this feature set. The G173 (OmniLink&trade) option is included at "No Charge" with this option..

An ASTRO® Digital Spectra Plus Mobile programming cable is required to "FLASH" the FLASHport® Software into the ASTRO® Digital Spectra Plus (see Field Programming section for pricing and ordering information.) The existing HKN6155 is required along with the CPS to program the ASTRO® Digital Spectra Plus and it does support FLASHport®.

Aftermarket Software below is **NOT** discountable and **DO NOT** include field programming. Pricing reflects per radio upgrade charge.

FCC INFORMATION

ALL MODELS ON THIS PAGE REQUIRE AN EXPORT LICENSE TO BE EXPORTED FROM THE US/CANADA

Ç Canada personnel refer to Section A under CANADA ONLY information.

ASTRO® DIGITAL Spectra Plus 800MHz

Models

Description	Nomenclature	APC	Price
ANALOG SMARTNET PACKAGE	T6766	430	$0.00
DIGITAL SMARTNET PACKAGE	T6767	430	$0.00
ANALOG SMARTZONE PACKAGE	T6768	430	$0.00
DIGITAL SMARTZONE PACKAGE	T6769	430	$0.00

Options

System Enhancement Software

Description	Nomenclature	APC	Price
ENH: UPGRADE TO ANALOG SMARTNET Compatible with T6766 and T6767	G346	430	$83.00
ENH: SMARTZONE UPGRADE Compatible with T6768 and T6769	G347	430	$83.00

Systems Enhancement Options

Description	Nomenclature	APC	Price
DIGITAL ID DISPLAY umeric Characters. ID Display uses ASTRO Signaling in digital mode and MDC signaling in analog mode. Consequently, it is not available in Trunked Analog modes. This option can only be used in Cinventional channels when in analog mode.	G114	332	$75
ENH: SMARTZONE OMNILINK MULTIZONE SYSTEM SOFTWARE	G173	494	$200.00

Automatic Zoning Across Zones, Zone Registration, Trespass Protection, Over the Air Site Alias, 32 Preferred Sites, FastStart and AllStart Call Setup.

Required for 3600 Smartzone System

Algorithm Options

Description	Nomenclature	APC	Price
ENH: MULTI-KEY OPERATION	W969	332	$330.00

Accessories

Data Compiled 09-Dec-2002 using DUP and all prices in USD

Attachment E

Price Sheets

	Baseline Model: XTL 5000 (W5 - Dash Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11 (Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	(Special Offer)
E.5	Radio, Project 25, 700-800 MHz Dual Band, Mobile, Under-Dash, Top-Line Refer to SECTION 7.0	$ 5,242.50	$ 5,242.50	$ 5,242.50	$ 4,631.50	$ 4,448.20	$ 4,203.80	$ 3,959.40	$ 3,715.00
	W5 35W XTL 5000 512 CHANNEL								
	ADD: W5 CONTROL HEAD								
	ADD: AUXILIARY SPEAKER 5W								
	ADD: MIC								
	ENH: IMBE ASTRO DIGITAL								
	ENH:SMARTZONE OPERATION								
	ENH: DIGITAL ID DISPLAY								
	ENH: PROJECT 25 9600 BAUD TRUNKING								
	ALT: DASH MOUNT W4, W5, OR W7								
	ADD: ANTENNA 3 DB GAIN 7/800 MHZ								
	TRUNKED P25 OTAR								
	ADD: ENCRYPTION UCM HARDW								
	ENH: DES/DES-XL/DES-OFB								
	ENH: TWO (2) YEAR EXPRESS SERVICE PLUS								
E.5.	Complete list of available options, accessories, and services, refer to section 1.2.2, 1.12.1, and 7.7. Attach catalog pricing with % discount.								
	ADD: EXTERNAL ALARM RELAYS AND CABLE	$ 63.75	$ 63.75	$ 63.75	$ 56.25	$ 54.00	$ 51.00	$ 48.00	$ 45.00
	ALT: 3DB GAIN ANTENNA	$ 10.20	$ 10.20	$ 10.20	$ 9.00	$ 8.64	$ 8.16	$ 7.68	$ 7.20
	ADD: AUXILIARY SWITCH PANEL	$ 140.25	$ 140.25	$ 140.25	$ 123.75	$ 118.80	$ 112.20	$ 105.60	$ 99.00
	ADD: CONTROL STATION OPERATION	$ 367.20	$ 367.20	$ 367.20	$ 324.00	$ 311.04	$ 293.76	$ 276.48	$ 259.20
	ALT: CONTROL STATION PALM MICROPHONE	$ (62.05)	$ (62.05)	$ (62.05)	$ (54.75)	$ (52.56)	$ (49.64)	$ (46.72)	$ (43.80)
	ADD: EXTERNAL EMERGENCY FOOTSWITCH	$ 47.60	$ 47.60	$ 47.60	$ 42.00	$ 40.32	$ 38.08	$ 35.84	$ 33.60
	ADD: EMERGENCY PUSH BUTTON	$ 47.60	$ 47.60	$ 47.60	$ 42.00	$ 40.32	$ 38.08	$ 35.84	$ 33.60
	ADD: KEY LOCK MOUNT	$ 28.05	$ 28.05	$ 28.05	$ 24.75	$ 23.76	$ 22.44	$ 21.12	$ 19.80
	ADD: ELECTRONIC SIREN/PUBLIC ADDRESS	$ 541.45	$ 541.45	$ 541.45	$ 477.75	$ 458.64	$ 433.16	$ 407.68	$ 382.20
	ADD: SIREN PA BUTTON	$ 420.75	$ 420.75	$ 420.75	$ 371.25	$ 356.40	$ 336.60	$ 316.80	$ 297.00
	ADD: PUBLIC ADDRESS	$ 450.50	$ 450.50	$ 450.50	$ 397.50	$ 381.60	$ 360.40	$ 339.20	$ 318.00
	ADD: KEY RETENTION 30 SECONDS	$ 42.50	$ 42.50	$ 42.50	$ 37.50	$ 36.00	$ 34.00	$ 32.00	$ 30.00
	ADD: PRINTED TEST RESULTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.2	Delete antenna kit, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: ANTENNA	$ (17.85)	$ (17.85)	$ (17.85)	$ (15.75)	$ (15.12)	$ (14.28)	$ (13.44)	$ (12.60)
E.5.3	Delete power harness, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.4	Delete brackets, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.5	Delete external speaker, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: SPEAKER	$ (23.80)	$ (23.80)	$ (23.80)	$ (21.00)	$ (20.16)	$ (19.04)	$ (17.92)	$ (16.80)
E.5.6	Delete user manual, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.7	Delete hardware, refer to section 1.12.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: MICROPHONE ASTRO	$ (34.00)	$ (34.00)	$ (34.00)	$ (30.00)	$ (28.80)	$ (27.20)	$ (25.60)	$ (24.00)
	DEL: ACCESSORIES W3	$ (175.10)	$ (175.10)	$ (175.10)	$ (154.50)	$ (148.32)	$ (140.08)	$ (131.84)	$ (123.60)
	DEL: ACCESSORIES REMOTE MOUNT W4, W5, W7 PACKAGES	$ (480.25)	$ (480.25)	$ (480.25)	$ (423.75)	$ (406.80)	$ (384.20)	$ (361.60)	$ (339.00)
	DEL: ACCESSORIES REMOTE MOUNT W9 MODELS	$ (679.15)	$ (679.15)	$ (679.15)	$ (599.25)	$ (575.28)	$ (543.32)	$ (511.36)	$ (479.40)

	Baseline Model: XTL 5000 (W5 - Dash Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11 (Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	(Special Offer)
	DEL: CONTROL STATION DESK MICROPHONE	$ (109.65)	$ (109.65)	$ (109.65)	$ (96.75)	$ (92.88)	$ (87.72)	$ (82.56)	$ (77.40)
	DEL: CONTROL STATION POWER SUPPLY	$ (229.50)	$ (229.50)	$ (229.50)	$ (202.50)	$ (194.40)	$ (183.60)	$ (172.80)	$ (162.00)
E.5.8	Delete features, refer to section 1.12.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.9	Test and Programming Equipment, refer to section 1.2.4 and 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.10	Test and Programming Cables, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.11	Test and Programming Software, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.12	Maintenance training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.13	User training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.14	Extended warranty term options, refer to section 1.8.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.15	Necessary firmware/software fix per unit, refer to section 1.5.3.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.16	Optional upgrade per unit, refer to section 1.5.3.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.17	Upgrade price (bulk), refer to section 1.5.3.3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.18	Lifetime software per unit, refer to section 1.5.3.4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.19	Other firmware/software prices, refer to section 1.5.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.20	On-site programming and testing, refer to section 1.6.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	PER UNIT ON-SITE PROGRAMMING (SEE SECTION 13 FOR DETAILS)								
E.5.21	Trunked OTAR, refer to section 7.2	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00
	Trunked OTAR	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.21.1	Encryption, refer to Addendum #1	$ 629.00	$ 629.00	$ 629.00	$ 555.00	$ 532.80	$ 503.20	$ 473.60	$ 444.00
	ADD: ENCRYPTION UCM HARDW	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ENH: DES/DES-XL/DES-OFB	$ 127.50	$ 127.50	$ 127.50	$ 112.50	$ 108.00	$ 102.00	$ 96.00	$ 90.00
	ADD: AES ENCRYPTION	$ 509.15	$ 509.15	$ 509.15	$ 449.25	$ 431.28	$ 407.32	$ 383.36	$ 359.40
	ADD: AES WITH DES/DES-XL/DES-OFB ENCRYPTION	$ 403.75	$ 403.75	$ 403.75	$ 356.25	$ 342.00	$ 323.00	$ 304.00	$ 285.00
	ADD: MULTIKEY	$ 679.15	$ 679.15	$ 679.15	$ 599.25	$ 575.28	$ 543.32	$ 511.36	$ 479.40
E.5.22	TNC connector option, refer to section 7.6.4	$ 280.50	$ 280.50	$ 280.50	$ 247.50	$ 237.60	$ 224.40	$ 211.20	$ 198.00
E.5.23	BNC connector option, refer to section 7.6.4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.24	Optional RF power capability, refer to section 7.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.25	Optional control head, refer to section 7.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	W3 35W XTL 5000 - 512 CHANNEL	$ 436.90	$ 436.90	$ 436.90	$ 385.50	$ 370.08	$ 349.52	$ 328.96	$ 308.40
	W4 35W XTL 5000 512 CHANNEL	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	W7 35W XTL 5000 - 512 CHANNEL	$ 133.45	$ 133.45	$ 133.45	$ 117.75	$ 113.04	$ 106.76	$ 100.48	$ 94.20
	W9 35W XTL 5000 - 512 CHANNEL	$ 436.90	$ 436.90	$ 436.90	$ 385.50	$ 370.08	$ 349.52	$ 328.96	$ 308.40
E.5.26	Optional control cables, refer to section 7.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.27	Optional control head cable lengths, refer to section 7.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ALT: REMOTE MOUNT W4, W5, OR W7 WITH 17 FOOT CABLE	$ 252.45	$ 252.45	$ 252.45	$ 222.75	$ 213.84	$ 201.96	$ 190.08	$ 178.20
	ALT: REMOTE MOUNT W3 WITH 17 FOOT CABLE	$ 175.10	$ 175.10	$ 175.10	$ 154.50	$ 148.32	$ 140.08	$ 131.84	$ 123.60

4194.40

		UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11							
	Baseline Model: XTL 5000 (W5 - Dash Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	**(Special Offer)**
E.5.28	Optional microphones, refer to section 7.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ADD: MICROPHONE ANALOG	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.29	Optional loud speakers refer to section 7.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ENH: SPEAKER 10 WATT AUDIO	$ 12.75	$ 12.75	$ 12.75	$ 11.25	$ 10.80	$ 10.20	$ 9.60	$ 9.00
E.5.30	Optional power cables, refer to section 7.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.5.31	Optional install/mounting hardware, refer to section 7.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Accessories

A discount of 30% can be applied to all items listed except those with the following APC codes 557, 964, 606, 185, 261, 262, 371 & 415. Radio Service Software, Test Equipment and Shop Supplies are also excluded from discounting.

DEK Accessories

	Nomenclature	APC	Price
DEK 24 MODE SYS 9000	H1617A		$169.00
DEK 16 MODE SYS 9000	H1616A		$182.00
DEK 8 MODE SYS 9000	H1615A		$150.00
DEK PC BD AND HSNG	HLN1392C		$280.00
DEK STATUS/MESSAGE SYS 9000	H1338		$650.00
DEK STATUS SYS 9000	H1339		$475.00

Antenna

Description	Nomenclature	APC	Price
ANTENNA, 3DB ROOF MOUNT STAINLESS STEEL (806-900) Roof Mount with RG 58 A/U cable, Mini UHF connector. Stainless Steel. Power: 100 Watts, Max., Gain: 3 dB, VSWR: Less than 1.5:1, Impedance: 50 Ohms, nominal 14 foot cable	RRA4914	554	$30.00

External Push To Talk

External Push Button PTT	HLN5131B		$61.75
External Foot Switch	HLN5113B		$61.75
Push button external emergency	HLN6188A		$56.00

MICROPHONES

MODIFIED STANDARD MOBILE MIC	HMN1080A		$79.25
MODIFIED MOTORCYCLE WP MIC (Water resistant palm mic)	HMN1079A		$72.00
MIC DESK PL (also APC 617)	HMN1050C		$169.00

MOUNT & POWER SUPPLY

Mobile Desk Tray (speaker version)	HLN6042A		$77.00
Key Lock Mount	HLN6025A		$33.00
Remote mount kit W4,W5, W7 package w/17" cable	H1527B		$305.00
White motorcycle enclosure	HLN1368A		$990.00
Black motorcycle enclosure	HLN1368A		$990.00
212 W Rated Control Station Power Supply	HPN4001B		$296.00

SIREN/PA

Siren with DEK	H1336	$701.00
PA only	H1337	$570.00
Siren without DEK	H1500	$545.00
Round Speaker w/Gray finish	TDN6254A	$248.00
Underhood Speaker w/Grey finish	TDN6253A	$220.00
Rectangular Speaker w/Chrome Finish	TDN6252A	$265.00
Speaker Siren, Chrome & Black	TDN6251A	$329.00
MCYCLE ADPTR CTRL HD SPKR	HLN6179A	$278.00
Motorcycle speaker	HSN6003B	$60.50
SPEAKER SPECTRA 3.2 OHM	HSN6001B	$106.00
SPKR SYS 9000 (standard external speaker) - 5 watt speaker	HSN4018B	$50.75

Customer Programming Software

Description	Nomenclature	APC	Price
PROGRAMMING/FLASH CABLE This cable MUST be ordered when you order the RVN4186 to program the Mobile Radios.		526	$95.00
SOFTWARE FOR ASTRO 25 MOBILE CD FORMAT; VERSION R01.00.00 This is CD format. This software will program ASTRO Digital Spectra Plus Mobile Radios. This provides 3yrs worth of support.		371	$250.00
SOFTWARE FOR ASTRO 25 PORTABLE/MOBILE 2 CD SET; VERSION R01.00.00		371	$375.00

Manuals

Description	Nomenclature	APC	Price
MANUAL INSTL Installation manual		617	$3.20
ASTRO VHF, UHF, 800 MHz basic service manual		412	$20.00

XTL 5000
FLASHport® Aftermarket Upgrades
Secure and Trunked Radio System

GENERAL INFORMATION

FLASHport® Aftermarket Software is used to upgrade to the latest version of your System Enhancement Software Package, to upgrade to a different System Enhancement Software Package, or to order enhancements for existing XTL 5000 radios in the field. FLASHport® Upgrade Kit contains upgrade software and upgrade documentation

FLASHport® Aftermarket Upgrades have not been released for the XTL 5000.

Attachment E

	Baseline Model: XTL 2500 (W5 - Dash Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11 (Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	(Special Offer)
E.6	Radio, Project 25, 800 MHz, Mobile, Under-dash, Mid-Line Refer to SECTION 8.0	$ 3,445.60	$ 3,445.60	$ 3,445.60	$ 3,245.80	$ 3,085.96	$ 2,926.12	$ 2,766.28	$ 2,606.44
	W5 35W XTL 2500 255 CHANNEL								
	ADD: W5 CONTROL HEAD								
	ADD: AUXILIARY SPEAKER 5W								
	ADD: MIC								
	ENH: IMBE ASTRO DIGITAL								
	ENH:SMARTZONE OPERATION								
	ENH: DIGITAL ID DISPLAY								
	ENH: PROJECT 25 9600 BAUD TRUNKING								
	ALT: DASH MOUNT W5								
	ADD: ANTENNA 3 DB GAIN 7/800 MHZ								
	ENH: TWO (2) YEAR EXPRESS SERVICE PLUS								
E.6.1	Complete list of available options, accessories, and services, refer to section 1.2.2, 1.12.1, and 8.7. Attach catalog pricing with % discount.								
	ADD: EXTERNAL ALARM RELAYS AND CABLE	$ 63.75	$ 63.75	$ 63.75	$ 60.00	$ 57.00	$ 54.00	$ 51.00	$ 48.00
	ALT: 3DB GAIN ANTENNA	$ 10.20	$ 10.20	$ 10.20	$ 9.60	$ 9.12	$ 8.64	$ 8.16	$ 7.68
	ADD: EXTERNAL EMERGENCY FOOTSWITCH	$ 47.60	$ 47.60	$ 47.60	$ 44.80	$ 42.56	$ 40.32	$ 38.08	$ 35.84
	ADD: EMERGENCY PUSH BUTTON	$ 47.60	$ 47.60	$ 47.60	$ 44.80	$ 42.56	$ 40.32	$ 38.08	$ 35.84
	ADD: KEY LOCK MOUNT	$ 28.05	$ 28.05	$ 28.05	$ 26.40	$ 25.08	$ 23.76	$ 22.44	$ 21.12
	ADD: PRINTED TEST RESULTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.2	Delete antenna kit, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: ANTENNA	$ (17.85)	$ (17.85)	$ (17.85)	$ (16.80)	$ (15.96)	$ (15.12)	$ (14.28)	$ (13.44)
E.6.3	Delete power harness, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.4	Delete brackets, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.5	Delete external speaker, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: SPEAKER	$ (23.80)	$ (23.80)	$ (23.80)	$ (22.40)	$ (21.28)	$ (20.16)	$ (19.04)	$ (17.92)
E.6.6	Delete user manual, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.7	Delete hardware, refer to section 1.12.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: MICROPHONE ASTRO	$ (34.00)	$ (34.00)	$ (34.00)	$ (32.00)	$ (30.40)	$ (28.80)	$ (27.20)	$ (25.60)
	DEL: ACCESSORIES REMOTE MOUNT W5 PACKAGES	$ (480.25)	$ (480.25)	$ (480.25)	$ (452.00)	$ (429.40)	$ (406.80)	$ (384.20)	$ (361.60)
E.6.8	Delete features, refer to section 1.12.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.9	Test and Programming Equipment, refer to section 1.2.4 and 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.10	Test and Programming Cables, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.11	Test and Programming Software, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.12	Maintenance training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.13	User training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.14	Extended warranty term options, refer to section 1.8.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.15	Necessary firmware/software fix per unit, refer to section 1.5.3.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Attachment E

	Baseline Model: XTL 2500 (W5 - Dash Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11 (Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	(Special Offer)
E.6.16	Optional upgrade per unit, refer to section 1.5.3.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.17	Upgrade price (bulk), refer to section 1.5.3.3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.18	Lifetime software per unit, refer to section 1.5.3.4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.19	Other firmware/software prices, refer to section 1.5.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.20	On-site programming and testing, refer to section 1.6.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	PER UNIT ON-SITE PROGRAMMING (SEE SECTION 13 FOR DETAILS)	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00
E.6.21	TNC connector option, refer to section 8.6.3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.22	BNC connector option, refer to section 8.6.3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.23	Optional RF power capability, refer to section 8.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.24	Optional control head, refer to section 8.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.25	Optional control cables, refer to section 8.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.26	Optional control head cable lengths, refer to section 8.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ALT: REMOTE MOUNT W5 WITH 17 FOOT CABLE	$ 252.45	$ 252.45	$ 252.45	$ 237.60	$ 225.72	$ 213.84	$ 201.96	$ 190.08
E.6.27	Optional microphones, refer to section 8.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.28	Optional loud speakers refer to section 8.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ENH: SPEAKER 10 WATT AUDIO	$ 12.75	$ 12.75	$ 12.75	$ 12.00	$ 11.40	$ 10.80	$ 10.20	$ 9.60
E.6.29	Optional power cables, refer to section 8.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.30	Optional install/mounting hardware, refer to section 8.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

XTL 2500

Accessories

A discount of 30% can be applied to all items listed except those with the following APC codes 557, 964, 606, 185, 261, 262, 371 & 415. Radio Service Software, Test Equipment and Shop Supplies are also excluded from discounting.

Antenna

Description	Nomenclature	APC	Price
ANTENNA, 3DB ROOF MOUNT STAINLESS STEEL (806-900) Roof Mount with RG 58 A/U cable, Mini UHF connector. Stainless Steel. Power: 100 Watts, Max., Gain: 3 dB, VSWR: Less than 1.5:1, Impedance: 50 Ohms, nominal 14 foot cable	RRA4914	554	$30.00

External Push To Talk

External Push Button PTT	HLN5131B		$61.75
External Foot Switch	HLN5113B		$61.75
Push button external emergency	HLN6188A		$56.00

MICROPHONES

MODIFIED STANDARD MOBILE MIC	HMN1080A		$79.25
MODIFIED MOTORCYCLE WP MIC (Water resistant palm mic)	HMN1079A		$72.00
MIC DESK PL (also APC 617)	HMN1050C		$169.00

MOUNT & POWER SUPPLY

Mobile Desk Tray (speaker version)	HLN6042A		$77.00
Key Lock Mount	HLN6025A		$33.00
Remote mount kit W4,W5, W7 package w/17" cable	H1527B		$305.00
212 W Rated Control Station Power Supply	HPN4001B		$296.00

SPEAKERS

SPEAKER SPECTRA 3.2 OHM	HSN6001B		$106.00
SPKR SYS 9000 (standard external speaker) - 5 watt speaker	HSN4018B		$50.75

Customer Programming Software

Description	Nomenclature	APC	Price
PROGRAMMING/FLASH CABLE This cable MUST be ordered when you order the RVN4186 to program the Mobile Radios.		526	$95.00
SOFTWARE FOR ASTRO 25 MOBILE CD FORMAT; VERSION R01.00.00 This is CD format. This software will program ASTRO Digital Spectra Plus Mobile Radios. This provides 3yrs worth of support.		371	$250.00
SOFTWARE FOR ASTRO 25 PORTABLE/MOBILE 2 CD SET; VERSION R01.00.00		371	$375.00

Manuals

Description	Nomenclature	APC	Price
MANUAL INSTL Installation manual		617	$3.20
ASTRO VHF, UHF, 800 MHz basic service manual		412	$20.00

XTL 2500
FLASHport® Aftermarket Upgrades
Trunked Radio System

GENERAL INFORMATION

FLASHport® Aftermarket Software is used to upgrade to the latest version of your System Enhancement Software Package, to upgrade to a different System Enhancement Software Package, or to order enhancements for existing XTL 2500 radios in the field. FLASHport® Upgrade Kit contains upgrade software and upgrade documentation

FLASHport® Aftermarket Upgrades have not been released for the XTL 2500.

Attachment E

	Alternate	UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11							
	Baseline Model: Astro Spectra (W7 - Dash Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	**(Special Offer)**
E.6 B	Radio, Project 25, 800 MHz, Mobile, Under-dash, Mid-Line Refer to SECTION 8.0	$ 4,034.60	$ 4,034.60	$ 4,034.60	$ 3,536.40	$ 3,337.12	$ 3,137.84	$ 2,938.56	$ 2,739.28
	ASTRO DIGITAL SPECTRA MOBILE SERIES								
	MOBILE ASTRO SPECTRA W7 800 MHZ 35W 255 CHANNEL								
	ENH: IMBE ASTRO DIGITAL								
	ENH:SMARTZONE OPERATION								
	ENH: SMARTZONE OMNILINK MULTIZONE SYSTEM SOFTWARE								
	ENH: DIGITAL ID DISPLAY								
	ENH: PROJECT 25 9600 BAUD TRUNKING								
	ENH: TWO (2) YEAR EXPRESS SERVICE PLUS								
E.6.1 B	Complete list of available options, accessories, and services, refer to section 1.2.2, 1.12.1, and 8.7. Attach catalog pricing with % discount.								
	ADD: EXTERNAL ALARM RELAYS AND CABLE	$ 63.75	$ 63.75	$ 63.75	$ 56.25	$ 54.00	$ 51.00	$ 48.00	$ 45.00
	ALT: 3DB GAIN ANTENNA	$ 10.20	$ 10.20	$ 10.20	$ 9.00	$ 8.64	$ 8.16	$ 7.68	$ 7.20
	ADD: EXTERNAL PTT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ADD: AUXILIARY SWITCH PANEL	$ 140.25	$ 140.25	$ 140.25	$ 123.75	$ 118.80	$ 112.20	$ 105.60	$ 99.00
	ADD: TRUNKED ONE TOUCH BUTTON	$ 212.50	$ 212.50	$ 212.50	$ 187.50	$ 180.00	$ 170.00	$ 160.00	$ 150.00
	ADD: CONTROL STATION OPERATION	$ 367.20	$ 367.20	$ 367.20	$ 324.00	$ 311.04	$ 293.76	$ 276.48	$ 259.20
	ALT: CONTROL STATION PALM MICROPHONE	$ (62.05)	$ (62.05)	$ (62.05)	$ (54.75)	$ (52.56)	$ (49.64)	$ (46.72)	$ (43.80)
	ADD: EXTERNAL EMERGENCY FOOTSWITCH	$ 47.60	$ 47.60	$ 47.60	$ 42.00	$ 40.32	$ 38.08	$ 35.84	$ 33.60
	ADD: EMERGENCY PUSH BUTTON	$ 47.60	$ 47.60	$ 47.60	$ 42.00	$ 40.32	$ 38.08	$ 35.84	$ 33.60
	ADD: 8 MODE DIRECT ENTRY	$ 153.00	$ 153.00	$ 153.00	$ 135.00	$ 129.60	$ 122.40	$ 115.20	$ 108.00
	ADD: 16 MODE DIRECT ENTRY	$ 306.00	$ 306.00	$ 306.00	$ 270.00	$ 259.20	$ 244.80	$ 230.40	$ 216.00
	ADD: 24 MODE DIRECT ENTRY	$ 459.00	$ 459.00	$ 459.00	$ 405.00	$ 388.80	$ 367.20	$ 345.60	$ 324.00
	ADD: KEY LOCK MOUNT	$ 28.05	$ 28.05	$ 28.05	$ 24.75	$ 23.76	$ 22.44	$ 21.12	$ 19.80
	ADD: ELECTRONIC SIREN/PUBLIC ADDRESS	$ 541.45	$ 541.45	$ 541.45	$ 477.75	$ 458.64	$ 433.16	$ 407.68	$ 382.20
	ADD: SIREN PA BUTTON	$ 420.75	$ 420.75	$ 420.75	$ 371.25	$ 356.40	$ 336.60	$ 316.80	$ 297.00
	ADD: PUBLIC ADDRESS	$ 450.50	$ 450.50	$ 450.50	$ 397.50	$ 381.60	$ 360.40	$ 339.20	$ 318.00
	ADD: KEY RETENTION 30 SECONDS	$ 42.50	$ 42.50	$ 42.50	$ 37.50	$ 36.00	$ 34.00	$ 32.00	$ 30.00
E.6.2 B	Delete antenna kit, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: ANTENNA	$ (17.85)	$ (17.85)	$ (17.85)	$ (15.75)	$ (15.12)	$ (14.28)	$ (13.44)	$ (12.60)
E.6.3 B	Delete power harness, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.4 B	Delete brackets, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.5 B	Delete external speaker, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: SPEAKER	$ (23.80)	$ (23.80)	$ (23.80)	$ (21.00)	$ (20.16)	$ (19.04)	$ (17.92)	$ (16.80)
E.6.6 B	Delete user manual, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.7 B	Delete hardware, refer to section 1.12.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: MICROPHONE ASTRO	$ (34.00)	$ (34.00)	$ (34.00)	$ (30.00)	$ (28.80)	$ (27.20)	$ (25.60)	$ (24.00)
	DEL: ACCESSORIES W3	$ (175.10)	$ (175.10)	$ (175.10)	$ (154.50)	$ (148.32)	$ (140.08)	$ (131.84)	$ (123.60)
	DEL: ACCESSORIES REMOTE MOUNT W4, W5, W7 PACKAGES	$ (480.25)	$ (480.25)	$ (480.25)	$ (423.75)	$ (406.80)	$ (384.20)	$ (361.60)	$ (339.00)
	DEL: ACCESSORIES REMOTE MOUNT W9 MODELS	$ (679.15)	$ (679.15)	$ (679.15)	$ (599.25)	$ (575.28)	$ (543.32)	$ (511.36)	$ (479.40)
	DEL: CONTROL STATION DESK MICROPHONE	$ (109.65)	$ (109.65)	$ (109.65)	$ (96.75)	$ (92.88)	$ (87.72)	$ (82.56)	$ (77.40)

	Alternate	UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11							
	Baseline Model: Astro Spectra (W7 - Dash Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	**(Special Offer)**
	DEL: CONTROL STATION POWER SUPPLY								
E.6.8 B	Delete features, refer to section 1.12.1. Attach price sheets.	$ (229.50)	$ (229.50)	$ (229.50)	$ (202.50)	$ (194.40)	$ (183.60)	$ (172.80)	$ (162.00)
E.6.9 B	Test and Programming Equipment, refer to section 1.2.4 and 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.10 B	Test and Programming Cables, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.11 B	Test and Programming Software, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.12 B	Maintenance training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.13 B	User training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.14 B	Extended warranty term options, refer to section 1.8.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.15 B	Necessary firmware/software fix per unit, refer to section 1.5.3.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.16	Optional upgrade per unit, refer to section 1.5.3.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.17 B	Upgrade price (bulk), refer to section 1.5.3.3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.18 B	Lifetime software per unit, refer to section 1.5.3.4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.19 B	Other firmware/software prices, refer to section 1.5.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.20 B	On-site programming and testing, refer to section 1.6.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	PER UNIT ON-SITE PROGRAMMING (SEE SECTION 13 FOR DETAILS)	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00
E.6.XX B	Encryption, refer to Addendum #1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ADD: ENCRYPTION UCM HARDW	$ 127.50	$ 127.50	$ 127.50	$ 112.50	$ 108.00	$ 102.00	$ 96.00	$ 90.00
	ENH: DES/DES-XL/DES-OFB & UMC HARDWARE	$ 636.65	$ 636.65	$ 636.65	$ 561.75	$ 539.28	$ 509.32	$ 479.36	$ 449.40
	ADD: AES ENCRYPTION & UCM HARDWARE	$ 531.25	$ 531.25	$ 531.25	$ 468.75	$ 450.00	$ 425.00	$ 400.00	$ 375.00
	ADD: AES WITH DES/DES-XL/DES-OFB ENCRYPTION & UCM HARDWARE	$ 679.15	$ 679.15	$ 679.15	$ 599.25	$ 575.28	$ 543.32	$ 511.36	$ 479.40
	ADD: MULTIKEY	$ 280.50	$ 280.50	$ 280.50	$ 247.50	$ 237.60	$ 224.40	$ 211.20	$ 198.00
E.6.21 B	TNC connector option, refer to section 8.6.3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.22 B	BNC connector option, refer to section 8.6.3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.23 B	Optional RF power capability, refer to section 8.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.24 B	Optional control head, refer to section 8.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	MOBILE ASTRO SPECTRA W3 800 MHZ 35W 255 CHANNEL	$ 303.45	$ 303.45	$ 303.45	$ 267.75	$ 257.04	$ 242.76	$ 228.48	$ 214.20
	MOBILE ASTRO SPECTRA W4 800 MHZ 35W 128 CHANNEL	$ (303.45)	$ (303.45)	$ (303.45)	$ (267.75)	$ (257.04)	$ (242.76)	$ (228.48)	$ (214.20)
	MOBILE ASTRO SPECTRA W5 800 MHZ 35W 128 CHANNEL	$ (303.45)	$ (303.45)	$ (303.45)	$ (267.75)	$ (257.04)	$ (242.76)	$ (228.48)	$ (214.20)
	MOBILE ASTRO SPECTRA W9 800 MHZ 35W 255 CHANNEL	$ 303.45	$ 303.45	$ 303.45	$ 267.75	$ 257.04	$ 242.76	$ 228.48	$ 214.20
E.6.25 B	Optional control cables, refer to section 8.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.26 B	Optional control head cable lengths, refer to section 8.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ALT: REMOTE MOUNT W4, W5, OR W7 WITH 17 FOOT CABLE	$ 252.45	$ 252.45	$ 252.45	$ 222.75	$ 213.84	$ 201.96	$ 190.08	$ 178.20
	ALT: REMOTE MOUNT W3 WITH 17 FOOT CABLE	$ 175.10	$ 175.10	$ 175.10	$ 154.50	$ 148.32	$ 140.08	$ 131.84	$ 123.60
E.6.27 B	Optional microphones, refer to section 8.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ADD: MICROPHONE ANALOG	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

	Alternate	UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11							
	Baseline Model: Astro Spectra (W7 - Dash Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	**(Special Offer)**
E.6.28 B	Optional loud speakers refer to section 8.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ENH: SPEAKER 10 WATT AUDIO	$ 12.75	$ 12.75	$ 12.75	$ 11.25	$ 10.80	$ 10.20	$ 9.60	$ 9.00
E.6.30 B	Optional power cables, refer to section 8.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.31 B	Optional install/mounting hardware, refer to section 8.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Accessories

A discount of 30% can be applied to all items listed except those with the following APC codes 557, 964, 606, 185, 261, 262, 371 & 415. Radio Service Software, Test Equipment and Shop Supplies are also excluded from discounting.

EMERGENCY

The following accessories require software host code **version 7.0 (System Release 1.7) or later.**
Please refer to System Enhancement Software Package upgrades in the FLASHport® section if a software upgrade is required.

Description	Nomenclature	APC	Price
EMERGENCY FOOTSWITCH	HLN5113	604	$56.00
EMERGENCY PUSHBUTTON	HLN5131	604	$56.00

MANUALS

Each ASTRO® Digital Spectra mobile radio will be accompanied by an appropriate "Mobile Radio Operating Instructions Manual."
The customer may request all other manuals for the radio via the Publication Order form section of the Help Card that is packaged with every radio.

Service Manuals

Description	Nomenclature	APC	Price
MANUAL, RSS F/VHF, UHF, AND 800MHZ ASTRO VHF, UHF, 800 MHz RSS Manual	6881074C70	271	$25.00
MANUAL INSTL SPECTRA Installation manual	6881070C85	617	$3.20
ASTRO VHF, UHF, 800 MHz basic service manual	6881076C20	412	$15.00
MAN ASTRO SABER MOB COMP TRBL VHF, UHF, 800 MHz detailed service manual	6881076C25	412	$27.00

Operator Manuals

MAN ASTRO MOB USER W4, W7, W9, VHF, UHF, 800 MHz Operator's manual	6881074C80	412	$12.75
OPER INSTR ASTRO/SPECTRA	6881073C25	412	$14.00
USER GUIDE ASTRO SPECTRA W4- W9	6881093C65	412	$11.25

MICROPHONES

Description	Nomenclature	APC	Price
MICROPHONE DESK	HMN1050	617	$153.00
MICROPHONE STANDARD PALM	HMN1052	412	$72.00
MICROPHONE DTMF	HMN1053	604	$302.00
MICROPHONE W9 PALM	HMN1061	604	$68.00
MICROPHONE ENHANCED PALM	HMN1080	412	$72.00

RF MODEM

RF Modem operation is available on the low or mid power dash mount units and is programmable via Radio Service Software (RSS). Radio must have host software version 7.0 or later. Please refer to FLASHport® section of the price book if software upgrade is required. For RF modem functionality, no special option is required, however, the following accessories must be ordered.

Description	Nomenclature	APC	Price
CONTROL STATION ACCESSORIES	HPN4001	189	$269.00
MOBILE DESK TRAY	HLN6042	617	$70.00

RADIO SERVICE SOFTWARE

The software package includes one 3.5" disk and associated instruction manuals.

Description	Nomenclature	APC	Price
RSS PROGRAMMING CABLE Must be ordered from AAD. For high power (50 - 110W)	0180300B10	261	$42.75
RSS PROGRAMMING CABLE Programming cable must be ordered from AAD. For low/mid power (10-50W)	3080369B73	261	$76.50
MANUAL, RSS F/VHF, UHF, AND 800MHZ ASTRO VHF, UHF, 800 MHz RSS Manual	6881074C70	271	$25.00

[**NOTE**: The ASTRO® Digital Spectra Radio Service Software RVN4100 for field programming which replaces the CVN6085 is only available through Aftermarket Accessory Division (AAD).]

REMOTE MOUNTING KITS

KEY LOCK MOUNT	HLN6025	617	$33.00

SIREN

Description	Nomenclature	APC	Price
SPECTRA MOBILE SIREN/PA (W269) W4, W5, W7 AND W9 MODELS ONLY. W269 This does include DEK for Siren Operations	H1336	412	$637.00
SPECTRA MOBILE PA KIT (W589) W4, W5, W7 AND W9 MODELS ONLY. PA Analog	H1337	412	$570.00

SMART RIB AND CABLE

A Smart RIB (SRIB, or Smart Radio Interface Box) is required to "Flash" FLASHport® software into the ASTRO® Digital Spectra. In addition, two cables must also be used. One cable operates between the computer and the SRIB; the other cable operates between the SRIB and the radio. The cable operations between the computer and the SRIB is available in both 9 pin and 25 pin configurations, depending on the computer being used. The SRIB and cables can also be used in conjunction with the Radio Service Software for field programming of the ASTRO® radio. Must be ordered by AAD.

Description	Nomenclature	APC	Price
SMART RIB POWER SUPPLY RIB is used for RSS programming only. For both RSS programming AND FLASHport use SmartRIB RLN4008. Must be ordered from AAD. 120 Volts.	*0180302E27	261	$42.75
SMART RIB POWER SUPPLY 220Volts. Must be ordered from AAD	*2580373E86	261	$27.75
COMPUTER (9 PIN) TO SRIB CABLE 9 pin. Must be ordered from AAD.	3080390B48	261	$46.50
COMPUTER (25 PIN) TO SRIB CABLE 25 pin. Must be ordered from AAD.	3080390B49	261	$66.25
SMART RIB The SmartRIB requires one of the Power Supply's to operate (0180302E27 or 2580373E86). Using the existing Standard Rib Power Supply (0180357A57) could cause damage to the SRIB.	RLN1015	261	$550.00
SMART RIB BATTERY PACK Standard 9 to 9 or 9 to 25 pin serial connectors required for computer to SRIB connection. 486 IBM compatible computer with 8 MB RAM recommended	RLN4488	261	$95.00
ASTRO MOBILE FLASH CABLE ASTRO Mobile FLASH cable. Must be ordered by AAD.	RKN4047A	261	$93.25

Spare Remote Mount Control Head

Description	Nomenclature	APC	Price
SPARE CTRL HEAD W5 Consists of an ASTRO Digital SPECTRA Control Head in a remote mount configuration, buttons for all currently available features and mounting hardware. NO POWER OR CONTROL CABLES ARE INCLUDED.	H1516	412	$437.00
SPARE CTRL UNIT W7 Consists of an ASTRO Digital SPECTRA Control Head in a remote mount configuration, buttons for all currently available features and mounting hardware. NO POWER OR CONTROL CABLES ARE INCLUDED.	H1517	412	$492.00
AUXILIERY SWITCH PANEL (W591- W4, W5, W7)	HLN1196	412	$165.00
AUXILIARY SWITCH PANEL	HLN1342	617	$165.00
SPARE W9 HD Consists of an ASTRO Digital SPECTRA Control Head in a remote mount configuration, buttons for all currently available features and mounting hardware. NO POWER OR CONTROL CABLES ARE INCLUDED.	H1518	412	$743.00
ACCESSORY GROUP HIGH REM VHF W7	KM7648	412	$425.00
ASTRO SPECTRA ACCESSORY GROUP	KM7662	412	$345.00
CONTROLHEAD WITH HEADSET JACK Put into a earplug jack on a W9 CONTROL HEAD ONLY!! Allows an operator to prompt monitor relay activity. Speaker is disconnected when an earplug is plugged into jack.	H1647	412	$595.00

SPEAKER

Description	Nomenclature	APC	Price
SPKR SYS 9000 This speaker is 5w (8Ohm).	HSN4018B	617	$50.75
SPEAKER SIREN, CHROME & BLACK	TDN6251	706	$329.00
SPEAKER RECTANGULAR WITH CHROME FINISH	TDN6252	706	$265.00
SPEAKER UNDERHOOD WITH GRAY FINISH	TDN6253	706	$220.00
SPEAKER ROUND WITH GRAY FINISH	TDN6254	706	$248.00

Data Compiled 06-Dec-2002 using DUP and all prices in USD

ASTRO® Digital Spectra and Consolette™ FLASHport® Aftermarket Upgrades VHF, UHF and 800 MHz. Bands Secure/Conventional/Trunked Radio Systems

GENERAL INFORMATION

FLASHport® Aftermarket Software is used to upgrade to the latest version of your System Enhancement Software Package, to upgrade to a different System Enhancement Software Package, or to order enhancements for existing ASTRO® Digital Spectra radios in the field. FLASHport® Upgrade Kit contains upgrade software, FLASHkey, and upgrade documentation.

ORDERING REQUIREMENTS

1. Specify the *current* System Enhancement Software Package that represents the software in the radio as your main line item (H1618, H1619, H1620, H1621, H1622 or H1623), and order quantity 1 at $0 (No Charge).

2. Select the *desired* Operational Mode, System Enhancement Software Package, and/or System Enhancement Option (s) and enter as sub-items.

3. FLASH Model (factory model number) and FLASHcode must be entered into designated COF fields. A separate line item must be entered for each different combination of Radio Model and FLASHcode. (FLASHcode can be read from using SRIB and RSS).

4. ALL Sub-items must have the same quantity listed (which equals the number of radios being upgraded) even though the main line is ALWAYS 1

CURRENT SYSTEM SOFTWARE PACKAGE						
	H1618	H1619	H1620	H1621	H1622	H1623
	ANALOG CONVENTIONAL PKG	DIGITAL CONVENTIONAL	ANALOG SMARTNET®	DIGITAL SMARTNET®	ANALOG SMARTZONE®	DIGITAL SMARTZONE®
OPERATION MODES (List as sub items)						
ENH: ASTRO® Digital VSELP Operation G243	X	N/A	X	N/A	X	N/A
ENH: ASTRO® Digital CAI Operation G806 NOTE 1	N/A	X	N/A	X	N/A	X
ENH: ASTRO® Digital CAI Operation G808	X	N/A	X	N/A	X	N/A
SYSTEM ENHANCEMENT SOFTWARE (List as sub items)						
ENH: Upgrade to Conventional G344	X	X	N/A	N/A	N/A	N/A
ENH: Upgrade to SMARTNET® G346	X	X	X	X	N/A	N/A
ENH: Upgrade to SmartZone® G347	X	X	X	X	X	X
SYSTEM ENHANCEMENT OPTIONS (List as sub items)						
ADD: Conventional Repeater Access G101	X	X	X	X	X	X
ID Display (4-8 Numeric Characters) NOTE 5	X	X	X	X	X	X
ENH: RS232 ASTRO® Data W947 NOTE 4	X	X	X	X	X	X
ENH: RCP Radio Control Protocol G182	N/A	X	N/A	X	N/A	X
ENH: Radio Trace G170	X	X	X	X	X	X
ENH: SmartZone® OmniLink™ Operation G173 NOTE 6	N/A	N/A	N/A	N/A	N/A	X

ENCRYPTION ENHANCEMENT OPTIONS (List as sub items) - Radios must contain SECURENET® Encryption to add Encryption Enhancement Options NOTE 2						
ADD: Conventional MDC™ OTAR G342 NOTE 3	X	X	X	X	X	X
ADD: Multikey Operation W968	X	X	X	X	X	X
ADD: Multikey Operation W969	X	X	X	X	X	X
ADD: ASTRO® P25 and MDC™ OTAR (includes Multikey) G298 NOTE 7	X	X	X	X	X	X

NOTE 1: For feature details, see System Enhancement Software Packages Section on the General Information Page.

NOTE 2: See Encryption Field Upgrade Kits' Section on the General Information Page, if radios do not currently contain encryption.

NOTE 3: Radios previously shipped with encryption before July 1995 may require a new encryption board for OTAR operation.

NOTE 4: High Power ASTRO® Digital Spectra models may require a hardware upgrade. Installation must be quoted separately.

NOTE 5: ID Display uses ASTRO® Signaling in digital mode and MDC™ signaling in analog model. Consequently, it is not available in Trunked analog modes.

NOTE 6: For Feature Details, see Mobile Section on the General Information page, for System Enhancement Software Feature Packages on ASTRO® Digital Spectra Mobiles. Requires 1 MEG Upgrade Kit as well.

NOTE 7: Radio requires HLN1441 (UCM) for use with this option. Not compatible with DVP™ options.

A SmartRIB (Smart Radio Interface Box) and associated programming cables are required to "FLASH" FLASHport® software into the ASTRO® Digital Spectra. (See Field Programming section for pricing and ordering information.) The existing RIB (RLN4008) and associated interface cables can be used with the Radio Service Software to program the ASTRO® Digital SABER, however, they do not support FLASHport®.

Aftermarket Software prices **DO NOT** include field programming and are **not** discountable. Pricing below reflects per radio upgrade charge.

FCC INFORMATION

ALL MODELS ON THIS PAGE REQUIRE AN EXPORT LICENSE TO BE EXPORTED FROM THE US/CANADA

Ç Canada personnel refer to Section A under CANADA ONLY information.

ASTRO® Digital Spectra General Information Page
ASTRO® Digital Spectra 800 806-870MHz
ASTRO® Digital Spectra UHF 403-433MHz
ASTRO® Digital Spectra UHF 450-482MHz
ASTRO® Digital Spectra UHF 482-512Mhz
ASTRO® Digital Spectra VHF 136-162MHz
ASTRO® Digital Spectra VHF 146-174MHz
ASTRO® Digital Spectra Motorcycle

Models

Description	Nomenclature	APC	Pric
CONV. PKG. ASTRO SPECTRA	H1555	332	$0.0
'ALOG CONVENTIONAL PACKAGE	H1618	332	
ITAL CONVENTINAL PACKAGE	H1619	332	$0.0
ANALOG SMARTNET PACKAGE	H1620	430	$0.0
DIGITAL SMARTNET PACKAGE	H1621	430	$0.0
ANALOG SMARTZONE PACKAGE	H1622	430	$0.0
DIGITAL SMARTZONE PACKAGE	H1623	430	$0.0

Options

Operation Mode

Description	Nomenclature	APC	Price
ENH: UPGRADE TO DIGITAL ASTRO Digital VSELP Operation	G243	332	$770.00
ENH: APCO 25 COMMON AIR INTERFACE Compatible with H1619, H1621 and H1623. Enables Common Air Interface and other Project 25 compliant features in an existing digital radio. For feature details, see System Software Packages under Astro Digital SPECTRA and ASTRO Digital Consolette	G806	332	$220.00
ENH: ASTRO DIGITAL CAI OPRN Compatible with H1618, H1620 and H1622. Enables Common Air Interface and other Project 25 compliant features in an existing ASTRO-Ready (analog) radio. For feature details, see System Software Packages under Astro Digital SPECTRA and ASTRO Digital Consolette	G808	332	$770.00

System Enhancement Software

Description	Nomenclature	APC	Pri
: UPGRADE CONVENTIONAL MOBILE patible with H1618 and H1619.	G344	332	$8
ENH: UPGRADE TO DIGITAL CONV. Compatible with H1619 only.	G344	332	$83.00
ENH: UPGRADE TO SMARTNET MOBILE Compatible with H1618 and H1619.	G346	430	$550.00
ENH: UPGRADE TO ANALOG SMARTNET Compatible with T6766 and T6767	G346	430	$83.00
ENH: UPGRADE TO ENHANCED SMARTNET Compatible with H1618 and H1619.	G347	430	$880.00
ENH: SMARTZONE UPGRADE Compatible with H1620 and H1621.	G347	430	$440.00
ENH: SMARTZONE UPGRADE Compatible with T6768 and T6769	G347	430	$83.00

Systems Enhancement Options

Description	Nomenclature	APC	Price
ENH: REPEATER ACCESS Compatible with all models. ADD: Conventional repeater Accesss (Analog Operation Only) (MDC1200 or Singletone)	G101	332	$100.00
ENH: DIGITAL ID DISPLAY 4-8 Numeric Characters. ID Display uses ASTRO Signaling in digital mode and MDC signaling in analog mode. Consequently, it is not available in Trunked Analog modes. This option can only be used in Cinventional channels when in analog mode.	G114	332	$75.00
ENH: SMARTZONE OMNILINK OPER For feature details, see System Software Packages on ASTRO Spectra mobile. Requires 1 MEG Upgrade kit as well.	G173AB	430	$200.00
ENH: RCP Compatible with H1619, H1621 and H1623.	G182	332	$50.00
MLTCST VOTNG SCAN-SPECTRA	G387AA	430	$100.
H: RS232 INTFC ASTRO DATA Compatible with H1619, H1621 and H1623. Appropriate data cables must be ordered separately. Not compatible with ASTRO Consolette OR MOTORCYCLE UNIT.	W947	332	$100.00

Advanced Encryption

Description	Nomenclature	APC	Pric
ADD:CONV MULTIKEY AND OTAR radios previously shipped with encryption before July 1995 may requie a new encryption board for OTAR operation. act SECURENET Brand team for details (847-576-9049).	W968	332	$740.0

Algorithm Options

Description	Nomenclature	APC	Price
ADD: ASTRO P25 AND MDC OTAR ENH: MULTI KEY OPERATION	G298AF	430	$740.0(
	W969	332	$330.0(

Single Encryption

Description	Nomenclature	APC	Price
ADD: CONV MDC OTAR Compatible with all models.	G342	332	$410.00

Accessories

Data Compiled 09-Dec-2002 using DUP and all prices in USD

Attachment E

Price Sheets

		UNIT PRICES FOR QUANTITIES							
	Baseline Model: XTS 5000 (Model II) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	**(Special Offer)**
E.8	Radio, Project 25, 700-800 MHz, Personal/Portable, Top-Line Refer to SECTION 10.0	$ 5,267.06	$ 5,267.06	$ 5,267.06	$ 4,652.23	$ 4,344.81	$ 4,098.88	$ 3,852.95	$ 3,607.01
	PORTABLE ASTRO DIGITAL XTS5000 764-870MHZ 1-3W 512 CHAN LIMITEDKEYPAD								
	ADD: SOFTWARE ASTRO DIGITAL CAI OPERATION								
	ADD: SMARTZONE SYSTEM SOFTWARE								
	ENH: PROJECT 25 9600 BAUD TRUNKING SOFTWARE								
	ENH: ENHANCED DIGITAL ID DISPLAY								
	TRUNKED P25 OTAR								
	ADD: DES, DES-XL, DES-OFB ENCRYPTION								
	ADD: XTS5000 UCM HARDWARE ENCRYPTION								
	ALT: ANTENNA 1/4 WAVE WHIP FLEX 764-870 MHZ (NAF5080)								
	ALT: BATTERY NIMH 1800MAH (NTN8923)								
	Charger, 110V US TRI Chemistry								
	Charger, 110V Line Cord								
	ENH: TWO (2) YEAR EXPRESS SERVICE PLAN								
E.8.1	Complete list of available options, accessories, and services, refer to section 1.2.2, 1.12.1, and 10.6.2. Attach catalog pricing with % discount.								
	ALT: RUGGEDIZED HOUSING	$ 212.50	$ 212.50	$ 212.50	$ 187.50	$ 175.00	$ 165.00	$ 155.00	$ 145.00
	ALT: HOUSING YELLOW	$ 21.25	$ 21.25	$ 21.25	$ 18.75	$ 17.50	$ 16.50	$ 15.50	$ 14.50
	ENH: TRUNKED ONE TOUCH BUTTON	$ 127.50	$ 127.50	$ 127.50	$ 112.50	$ 105.00	$ 99.00	$ 93.00	$ 87.00
	ADD: RF ADAPTER SWITCH (NTN8327)	$ 8.50	$ 8.50	$ 8.50	$ 7.50	$ 7.00	$ 6.60	$ 6.20	$ 5.80
	ADD: ALTERNATE DISPLAY LABEL	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ADD: USER GUIDE MANUAL CD	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ALTERNATE CONFIGURATIONS:	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	PORTABLE ASTRO DIGITAL XTS5000 764-870MHZ 1-3W 48 CHANNEL BASIC	$ (446.25)	$ (446.25)	$ (446.25)	$ (393.75)	$ (367.50)	$ (346.50)	$ (325.50)	$ (304.50)
	PORTABLE ASTRO DIGITAL XTS5000 764-870MHZ 1-3W 512 CHAN FULL FEATURE	$ 275.40	$ 275.40	$ 275.40	$ 243.00	$ 226.80	$ 213.84	$ 200.88	$ 187.92
E.8.2	Delete battery, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: BATTERY ALTOGETHER	$ (48.45)	$ (48.45)	$ (48.45)	$ (42.75)	$ (39.90)	$ (37.62)	$ (35.34)	$ (33.06)
E.8.3	Delete user manual, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.4	Delete features, refer to section 1.12.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: ANTENNA 800MHZ (NAF5037)	$ (8.50)	$ (8.50)	$ (8.50)	$ (7.50)	$ (7.00)	$ (6.60)	$ (6.20)	$ (5.80)
	DEL: DETACHABLE 2 1/2" BELT CLIP (NTN8266)	$ (8.50)	$ (8.50)	$ (8.50)	$ (7.50)	$ (7.00)	$ (6.60)	$ (6.20)	$ (5.80)
E.8.5	Test and Programming Equipment, refer to section 1.2.4 and 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.6	Test and Programming Cables, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.7	Test and Programming Software, refer to section 1.11.2. Attach price sheets	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.8	Maintenance training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.9	User training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.10	Extended warranty term options, refer to section 1.8.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.11	Necessary firmware/software fix per unit, refer to section 1.5.3.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.12	Optional upgrade per unit, refer to section 1.5.3.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.13	Upgrade price (bulk), refer to section 1.5.3.3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.14	Lifetime software per unit, refer to section 1.5.3.4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.15	Other firmware/software prices, refer to section 1.5.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.16	On-site programming and testing, refer to section 1.6.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.17	***PER UNIT ON-SITE PROGRAMMING (SEE SECTION 13 FOR DETAILS)***	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00

Attachment E

Price Sheets

	Baseline Model: XTS 5000 (Model II) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	UNIT PRICES FOR QUANTITIES (Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	(Special Offer)
E.8.18	Trunked OTAR, refer to section 10.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	TRUNKED P25 OTAR	$ 629.00	$ 629.00	$ 629.00	$ 555.00	$ 518.00	$ 488.40	$ 458.80	$ 429.20
E.8.18.1	Encryption, refer to Addendum #1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ADD: XTS5000 UCM HARDWARE ENCRYPTION	$ 127.50	$ 127.50	$ 127.50	$ 112.50	$ 105.00	$ 99.00	$ 93.00	$ 87.00
	ADD: DES, DES-XL, DES-OFB ENCRYPTION	$ 509.15	$ 509.15	$ 509.15	$ 449.25	$ 419.30	$ 395.34	$ 371.38	$ 347.42
	ADD: AES/DES-XL/DES-OFB ENCRYPTION	$ 679.15	$ 679.15	$ 679.15	$ 599.25	$ 559.30	$ 527.34	$ 495.38	$ 463.42
	ADD: MULTIKEY	$ 280.50	$ 280.50	$ 280.50	$ 247.50	$ 231.00	$ 217.80	$ 204.60	$ 191.40
E.8.19	Zero Receive Volume Option, refer to section 10.5.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.20	Basic Battery, refer to section 10.6.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.21	Optional Antennas, refer to section 10.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ALT: ANTENNA 1/4 WAVE WHIP STUBBY 806-941 MHZ (NAF5042)	$ (4.25)	$ (4.25)	$ (4.25)	$ (3.75)	$ (3.50)	$ (3.30)	$ (3.10)	$ (2.90)
	ALT: ANTENNA 1/4 WAVE WHIP FLEX 764-870 MHZ (NAF5080)	$ 4.25	$ 4.25	$ 4.25	$ 3.75	$ 3.50	$ 3.30	$ 3.10	$ 2.90
E.8.22	Optional Batteries, refer to section 10.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ALT: BATTERY NICAD FM 1525MAH (HNN9032)	$ 39.95	$ 39.95	$ 39.95	$ 35.25	$ 32.90	$ 31.02	$ 29.14	$ 27.26
	ALT: BATTERY NICAD FM 1525MAH RUGGED (NTN8297)	$ 39.95	$ 39.95	$ 39.95	$ 35.25	$ 32.90	$ 31.02	$ 29.14	$ 27.26
	ALT: BATTERY LITHIUM ION THIN 1600MAH (NTN8610)	$ 79.05	$ 79.05	$ 79.05	$ 69.75	$ 65.10	$ 61.38	$ 57.66	$ 53.94
	ALT: BATTERY NIMH 1800MAH (NTN8923)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ALT: BATTERY NIMH FM 1750MAH (NTN8299)	$ 39.95	$ 39.95	$ 39.95	$ 35.25	$ 32.90	$ 31.02	$ 29.14	$ 27.26
	ALT: BATTERY NIMH FM RUGGED 1750MAH	$ 39.95	$ 39.95	$ 39.95	$ 35.25	$ 32.90	$ 31.02	$ 29.14	$ 27.26
	ALT: BATTERY NIMH ULTRA HIGH CAPACITY 3000MAH FM	$ 79.05	$ 79.05	$ 79.05	$ 69.75	$ 65.10	$ 61.38	$ 57.66	$ 53.94
	ALT: BATTERY NIMH ULTRA HIGH CAPACITY 3000MAH	$ 57.80	$ 57.80	$ 57.80	$ 51.00	$ 47.60	$ 44.88	$ 42.16	$ 39.44
	ALT: BATTERY HOLDER CLAMSHELL BLACK (NTN9177)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ALT: BATTERY HOLDER CLAMSHELL ORANGE (NTN9183)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ALT: BATTERY LITHIUM ION SLIM 2000MAH	$ 79.05	$ 79.05	$ 79.05	$ 69.75	$ 65.10	$ 61.38	$ 57.66	$ 53.94
E.8.23	Optional Clips, refer to section 10.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.24	Optional Battery Chargers, refer to section 10.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.25	Optional Portable to Mobile radio converters/chargers, refer to section 10.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.26	Optional RF power capability, refer to section 10.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.27	Optional microphones, refer to section 10.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.8.28	Optional loud speakers, refer to section 10.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

XTS5000 PORTABLE RADIO

ACCESSORIES

Accessories (Apply 30% Discount excluding APC Codes 557,964,606,185,261,262,371,415. Batteries, Radio Service Software, Test Equipment and Shop Supplies are also excluded from discounting

Description	Nomenclature	APC	Price
DES/DES-XL/DES-OFB ENCRYPTION This algorithm upgrade kit includes both UCM Hardware Module & Software Encryption Algorith	NNTN4006	456	$749.00
ENCRYPTION KIT DES DES XL AND DVP XL This algorithm upgrade kit includes both UCM Hardware Module & Software Encryption Algorithms	NTN9837	456	$1,236.00
ENCRYPTION KIT DVI XL This algorithm upgrade kit includes both UCM Hardware Module & Software Encryption Algorith	NTN9838	456	$670.00
ENCRYPTION KIT DVP XL This algorithm upgrade kit includes both UCM Hardware Module & Software Encryption Algorith	NTN9839	456	$637.00

Antenna

Description	Nomenclature	APC	Price
ANTENNA, 806-870 MHZ 1/2 WAVELENGTH WHIP	NAF5037	402	$35.75
ANTENNA, 806-941MHZ 1/4 WAVELENGTH WHIP (STUBBY)	NAF5042	414	$25.50
ANTENNA, 764-870MHZ 1/4 WAVE WHIP FLEX	NAF5080	555	$35.00

Belt Clip(s)

Description	Nomenclature	APC	Price
BELT CLIP KIT This is the ONLY recommended belt clip for use with the NTN9177 & NTN9183 Clamshell batteries.	NTN8266	620	$11.00

Belt Loops

Description	Nomenclature	APC	Price
3" SWIVEL BELT LOOP For use only with the High Activity Leather Swivel Snap Carry Cases.	NTN8040	476	$12.00
HI ACTIVITY D CLIP AND BELT LOOP COMBO	NTN9179	620	$42.00
SWIVEL D CLIP, HIGH ACTIVITY	NTN9212	620	$30.00
BELT LOOP, HIGH ACTIVITY D CLIP	NTN9213	620	$12.00

Cable(s)

Description	Nomenclature	APC	Price
PROGRAMMING CABLE, USB DOES NOT require Smart Rib. This cable MUST be ordered or the RKN4106 when you order the RVN4186 to program the Portable Radios.	RKN4105	262	$225.00
PROGRAMMING CABLE, RS232, XTS This cable MUST be ordered or the RKN4105 when you order the RVN4186 to program the Portable Radios.	RKN4106	261	$225.00

Carrying Case(s)

Description	Nomenclature	APC	Price
CASE CARRYING HIGH ACTIVITY Includes swivel belt loop and t-strap. 3.0" Snap NiCad or NiMH. M1, M2, and M3	NTN8381	620	$60.00
CASE W/BELT LOOP T STRAP Includes snap belt loop and t-strap. For NiCad or NIMH. M1, M2, and M3	NTN8382	620	$51.00
NYLON CARRY CASE W/T-STRAP	NTN8725	620	$51.00
CASE, CARRY WITH BELTLOOP FOR CLAMSHELL BATTERY	NTN9184	620	$67.00

Charger

Description	Nomenclature	APC	Price
CHARGER 110V US TRI CHEMISTRY	NTN1667	620	$100.00
CHARGER, 230V EURO TRI CHEMISTRY	NTN1668	620	$100.00
CHARGER 230V UK TRI CHEMISTRY	NTN1669	620	$100.00
CHARGER, SMART RAPID SINGLE UNIT 110V Rapid charger, NiCad, NiMH, & Lithium batteries are for ALL XTS, MTS, MT, JT, HT, and Saber batteries. (WPLN4114AR, & USA 3004209T03 Cord)	NTN1873	785	$165.00
CHARGER, SMART RAPID SINGLE UNIT 220V Rapid charger, NiCad, NiMH, & Lithium batteries are for ALL XTS, MTS, MT, JT, HT, and Saber batteries.(WPLN4114AR, 2 prong Euro 3004209T01 Cord)	NTN1874	785	$165.00
CHARGER, SMART RAPID SINGLE UNIT 240V Rapid charger, NiCad, NiMH, & Lithium batteries are for ALL XTS, MTS, MT, JT, HT, and Saber batteries. (WPLN4114AR, 3 prong Euro Flat 3004 209T02 Cord)	NTN1875	785	$165.00
CHARGER, VEHICULAR TRI-CHEM XTS3000, XTS3500 AND COMPATIBLE W/PAC-RT	NTN9176	620	$390.00

Multi Unit Chargers

Description	Nomenclature	APC	Price
WALL MOUNT KIT FOR MULTI-UNIT CHARGER	NLN7967	476	$21.00
CHARGER,RACK MOUNT FOR 6 UNIT	NLN7968	476	$26.00
110V MUC SMART CHARGER	WPLN4108 R	785	$788.00

Charger Line Cords

Description	Nomenclature	APC	Price
CHARGER,110V LINE CORD Can be used on any of the single or multi unit chargers to provide for domestic or international charging capability.	NTN7373	476	$6.30
CHARGER,220V LINE CORD Can be used on any of the single or multi unit chargers, or power supplies, to provide for domestic or international operation.	NTN7374	476	$17.25
CHARGER,240V LINE CORD Can be used on any of the single or multi unit chargers, or power supplies, to provide for domestic or international operation.	NTN7375	476	$22.25

Commport Integrated Microphone/Receiver

Description	Nomenclature	APC	Price
COMMPORT WITH PALM PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. The APC for this product is 833. Contact America's Aftermarket Product Division at 1-800-422-4210 for more information.	NTN1624	115	$370.00
COMMPORT WITH PTT ON RADIO ADAPTER CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. The APC for this product is 833. Contact America's Aftermarket Product Division at 1-800-422-4210 for more information.	NTN1625	115	$344.00
COMMPORT WITH RING PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. APC is 833. Contact AAD 1-800-422-4210 for more information.	NTN1663	115	$370.00
COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. APC is 833. Contact AAD 1-800-422-4210 for more information.	NTN1736	115	$378.00

EAR MICROPHONE SYSTEMS

Description	Nomenclature	APC	Price
EAR MIC. FOR HIGH NOISE LEVELS-GRAY(FOR HIGH NOISE LEVELS UP TO105DB) Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). *HT750/HT1250 - Intrinsically Safe (FM)	BDN6641	742	$247.00
PUSH-TO-TALK OR VOICE ACTIVATED (VOX) INTERFACE MODULE	BDN6671	505	$347.00
EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750/HT1250 - Intrinsically Safe (FM)	BDN6677	742	$198.00
EAR MICROPHONE FOR STANDARD NOISE LEVELS, BEIGE Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750/HT1250 - Intrinsically Safe (FM)	BDN6678	742	$198.00
INTFC. MOD., HT1000 SERIES PTT	BDN6708	505	$284.00

Earpieces

Description	Nomenclature	APC	Price
EARBUD, MINI MIC AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)	BDN6780	505	$67.00
EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, require BDN6676(3.5mm adapter jack) that attaches to the radio. *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM) earloop.	BDN6781	742	$27.00

Headsets

Description	Nomenclature	APC	Price
VOICE ACTIVATED (VOX) HEAVY DUTY HEADSET WITH NOISE CANCELLING BOOM MI *Saber radio requires BDN6640 Adapter Cable *HT1000, JT1000, MT2000, XTS3000, XTS3500, XTS2500, XTS5000 - use with BDN6673. Intrinsically Safe (FM). *XTS2500 & XTS5000 - Not Intrinsically Safe (FM)	BDN6635	742	$906.00
VOICE ACTIVATED HEADSET WITH THROAT MICROPHONE *Saber requires BDN6640 Adapter Cable. *HT1000, JT1000, MT2000, XTS3000, XTS3500, XTS2500, XTS5000 - use with BDN6673. *Visar - use with BDN6772. Intrinsically Safe (FM)	BDN6636	742	$857.00
HEAVY DUTY HEADSET WITH NOISE CANCELLING BOOM MICROPHONE, PTT ON EARCU (FM).	BDN6645	742	$439.00
CABLE, RADIO ADAPTER, HT1000 *XTS 2500, XTS 3000, & XTS 5000 requies BDN6645. *HT1000, JT1000, & MT2000 - requires one of the following: BDN6645, BDN6635, or BDN6636.	BDN6673	505	$205.00
FLEXIBLE EAR RECEIVER Flexible earloop and speaker which rests external to the ear. REQUIRES BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000, JT1000, MT2000, and XTS 3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)	BDN6719	742	$35.00
OVER THE HEADSET HT MT	NMN6258	505	$389.00
BEHIND THE HEAD HEADSET HT MT	NMN6259	505	$425.00
TEMPLE TRANSDUCER W/ BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in-line PTT.	RMN4049	742	$225.00

Microphones

Description	Nomenclature	APC	Price
NOISE CANCELLING REMOTE SPEAKER MICROPHONE Includes a 6.0' coiled cord assembly, 3.5 mm earjack, swivel clip, quick disconnect latch and FM approval.	NMN6191	476	$96.75
REMOTE SPEAKER MICROPHONE Includes a 6.0' (stretched length) coiled cord, swivel clothing clip and 3.5mm earpiece, quick disconnect latch and FM approval.	NMN6193	476	$87.25
COMMANDER REMOTE SPEAKER MICROPHONE RSM features an emergency button, volume control, a 16 channel select knob, two programmable buttons, and a 3.5mm audio jack. Intrinsically Safe (FM) COMPATIBLE with XTS3000, XTS3500, and XTS5000 (XTS5000 radios must have a radio host code of R02.00.00 or later. System enhancement release (SER) of Q42002 or later). NOT COMPATIBLE with HT1000, MT2000, MTS2000, MTX8000/9000, or XTS2500. AN AAD ITEM ONLY!!!!!	RMN5021	372	$150.00

Public Safety Microphone(s)

Description	Nomenclature	APC	Price
PUBLIC SAFETY MICROPHONE, STRAIGHT CABLE 30 IN PSM does not have emergency switch.	NMN6247	620	$150.00
PUBLIC SAFETY MICROPHONE, STRAIGHT CABLE 24 IN PSM does not have emergency switch.	NMN6250	620	$150.00
PUBLIC SAFETY MICROPHONE, STRAIGHT CABLE 18 IN PSM does not have emergency switch.	NMN6251	620	$150.00
TOOL WRENCH FOR RF ADAPTOR	NTN8270	620	$3.00
RF ADAPTER The RF switch has been removed from the XTS radio to provide cost savings on the model. Therefore, the external RF switch must be attached to the radio in order for the PSM to operate. A wrench tool must be used to place the RF switch. These kits must be ordered separately. REQUIRES ANTENNA. The RF switch and mics are FM approved.	NTN8327	620	$140.00

Surveillance

Description	Nomenclature	APC	Price
RECEIVE ONLY EARPIECE WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, require BDN6676(3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 5000 & XTS 2500 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). Assembled (receive only) with standard urethane earloop. *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)	BDN6664	742	$40.00
RECEIVE ONLY EARPIECE WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, require BDN6676(3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 5000 & XTS 2500 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). Assembled (receive only) with standard urethane earloop. *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)	BDN6665	742	$42.00
RECEIVE ONLY EARPIECE WITH VOLUME CONTROL - BEIGE (SINGLE WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, require BDN6676(3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM) earloop.	BDN6666	742	$53.00

EARPIECE WITH MICROPHONE & PTT COMBINED - BEIGE (2 WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, require BDN6676(3.5mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). Assembled (receive only) with standard urethane earloop. *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)	BDN6667	742	$114.00
EARPIECE WITH MICROPHONE & PTT SEPARATE - BEIGE (3 WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, require BDN6676(3.5mm adapter jack) that attaches to the radio. *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM) *XTS 5000 & XTS 2500 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). Assembled (receive only) with standard urethane earloop.	BDN6668	742	$150.00
EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BEIGE (2 WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, require BDN6676(3.5mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). Assembled (receive only) with standard urethane earloop. *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)	BDN6669	742	$118.00
EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BEIGE (3 WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, require BDN6676(3.5mm adapter jack) that attaches to the radio. *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM) *XTS 5000 & XTS 2500 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). Assembled (receive only) with standard urethane earloop.	BDN6670	742	$135.00
RECEIVE ONLY EARPIECE WITH STANDARD EARPHONE - BLACK (SINGLE WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, and XTS 3000 require BDN 6676 (3.5 mm adapter jack) that attaches to the redio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 and XTS 5000 requires new adaptor which will be available Q1 2002. Intrinsically Safe (FM) *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)	BDN6726	742	$40.00
RECEIVE ONLY EARPIECE WITH EXTRA LOUD EARPHONE - BLACK (SINGLE WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, and XTS 3000 require BDN 6676 (3.5 mm adapter jack) that attaches to the redio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 and XTS 5000 requires new adaptor which will be available Q1 2002. Intrinsically Safe (FM) *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)	BDN6727	742	$42.00
RECEIVE ONLY EARPIECE WITH VOLUME CONTROL - BLACK (SINGLE WIRE) *JT1000, MT2000, MTX8000, MTX9000, and XTS 3000 require BDN6676 (3.5 mm adapter jack) that attaches to the redio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 and XTS 5000 requires new adaptor which will be available Q1 2002. Intrinsically Safe (FM) *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)	BDN6728	742	$53.00
EARPIECE WITH MICROPHONE & PTT COMBINED - BLACK (2 WIRE) *JT1000, MT2000, MTX8000, MTX9000, and XTS 3000 require BDN6676 (3.5 mm adapter jack) that attaches to the redio. *XTS 2500 and XTS 5000 requires new adaptor which will be available Q1 2002. Intrinsically Safe (FM) *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)	BDN6729	742	$114.00
EARPIECE WITH MICROPHONE & PTT SEPARATE - BLACK (3 WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000 XTS 3000 require BDN6676 (3.5mm adapter jack) that attaches to the radio. *XTS 2500 & XTS 5000 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)	BDN6730	742	$150.00
EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BLACK (2 WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000 XTS 3000, require BDN6676 (3.5mm Adapter Jack)that attaches to the radio. *XTS 2500 & XTS 5000 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)	BDN6731	742	$118.00
EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BLACK (3 WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000 XTS 3000 require BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM) *XTS 2500 & XTS 5000 requires new adaptor-available Q1 2002. Intrinsically Safe (FM)	BDN6732	742	$135.00

Customer Programming Software

Description	Nomenclature	APC	Price
SOFTWARE FOR ASTRO 25 PORTABLE CD FORMAT; VERSION R01.00.00 support.	RVN4181	371	$250.00

Manuals

Description	Nomenclature	APC	Price
MANUAL, XTS5000 MOD I USER GUIDE	6881094C25	721	$10.50
MANUAL, XTS5000 MOD II USER GUIDE	6881094C26	1	$10.50
MANUAL, XTS5000 MOD III USER GUIDE	6881094C27	721	$10.50
MANUAL, XTS5000 BASIC SERVICE ENGLISH	6881094C28	721	$13.00
CD XTS5000 USER GUIDES	9985901D01	1	$15.00
XTS5000 BASIC SERVICE MANUAL	9985902D01	1	$25.00

XTVA CONSOLES

Description	Nomenclature	APC	Price
VEHICULAR ADAPTER, IMBE CLOSED FACE MINI-U XTS3000	N1799	256	$1,250.00
VEHICULAR ADAPTER, IMBE OPEN FACE MINI-U XTS3000	N2001	256	$1,150.00
VEHICULAR ADAPTER, IMBE OPEN FACE BNC XTS3000	N2002	256	$1,150.00
VEHICULAR ADAPTER, IMBE CLOSED FACE BNC XTS3000	N2003	256	$1,250.00

Options

Microphones

Description	Nomenclature	APC	Price
ALT: MICROPHONE HAND HELD CONTROL HEAD	Q229	256	$367.00
ADD: NEXT GENERATION MOBILE MICROPHONE	Q760	256	$75.00
ADD: VISOR MICROPHONE WITH EMERGENCY FOOT SWITCH	Q762	256	$85.00

Speaker

Description	Nomenclature	APC	Price
ADD: AUDIO PA AND SPEAKER WITH CABLE The speaker is needed if amplified audio is required	Q147	256	$105.00

Accessories

Microphone Kits

Description	Nomenclature	APC	Price
HAND HELD CONTROL HEAD	PLN7737	465	$367.00

Microphones

Description	Nomenclature	APC	Price
STANDARD WHITE PALM MICROPHONE	HMN4069	623	$75.00

Mounting Kits

Description	Nomenclature	APC	Price
XTVA TRUNNION MOUNT	NTN8940	256	$50.00

Power Amplifier

Description	Nomenclature	APC	Price
VHF RFPA (136-174 MHZ) 35W	NLD1976	256	$499.00
UHF RFPA R1 (380-470 MHZ) 20W	NLE1784	256	$499.00
UHF RFPA R2 (450-520 MHZ) 20W	NLE1785	256	$499.00
800 MHZ RFPA (806-870 MHZ) 15W	NLF1258	256	$499.00

Public Safety Microphone(s)

Description	Nomenclature	APC	Price
TOOL WRENCH FOR RF ADAPTOR	NTN8270	620	$3.00
RF ADAPTER	NTN8327	620	$140.00

The RF Switch has been removed from the XTS radio to provide cost savings on the model. Therefore, the external RF switch must be attached to the radio in order for the PSM to operate. A wrench tool must be used to place the RF switch. These kits must be ordered separately. REQUIRES ANTENNA. The RF switch and mics are FM approved.

Replacement Kits

Description	Nomenclature	APC	Price
VEHICULAR ADAPTER XTVA, MINI-U CLOSED FACE	NTN8561	256	$1,250.00

Speaker

Description	Nomenclature	APC	Price
EXTERNAL SPEAKER AMPLIFIER 6 watt, 13.8 VDC local speaker	HSN1000	189	$109.00

Vehicular Adapter

Description	Nomenclature	APC	Price
EXTERNAL SPEAKER FOR CAR KIT For use with FRN5942.	HSN1006	938	$104.00
XTVA ADAPTER ACCESS	NTN8943	256	$10.00

Cable(s) Accessories

Description	Nomenclature	APC	Price
MTVA PA/SPKR CBL	NKN6455A	256	$10.00

Miscellaneous

Description	Nomenclature	APC	Price
KIT FOR PTT EMERGENCY PUSHBUTTON	FLN8415	419	$21.00
	GLN7280	204	$40.00

Data Compiled 06-Dec-2002 using DUP and all prices in USD

Batteries: Pricing as follows:

Description	Nomenclature	APC	Price
BATTERY, NICAD SMART 1525MAH (-30C)	HNN9031 R	453	$59.00
BATTERY,NICAD SMART FM 1525MAH (-30C) IS, FM NiCd	HNN9032 R	453	$72.00
BATTERY NICAD, FM 1525MAH (-30C) IS, FM NiCd	NTN8295	620	$50.00
BATTERY NICAD, FM RUGGED 1525MAH (-30C) IS, FM XTS-3000R NiCD	NTN8297	620	$54.00
BATTERY, ULTRA HIGH CAPACITY NIMH, FM 1700MAH (-20C) IS, FM Ultra High Capacity NiMH Battery. Note: This is the only battery authorized for FM use with MTP200/300	NTN8299	620	$58.00
BATTERY LITHIUM ION THIN, 1650MAH	NTN8610	620	$94.00
BATTERY NIMH, 1800MAH (-20C)	NTN8923	620	$48.00
BAT HOLDER CLAMSHELL BLK Portable radio software version R01.20 or greater is required for use with this product. Clamshell battery requires 12 "AA" alkaline batteries to operate portable. "AA" batteries are NOT included. This battery is NOT FM approved or intrinsically safe. This battery will automatically reduce the radio's RF power to 2watts.	NTN9177	620	$40.00
BAT HOLDER CLAMSHELL ORG Portable radio software version R01.20 or greater is required for use with this product. Clamshell battery requires 12 "AA" alkaline batteries to operate portable. "AA" batteries are NOT included. This battery is NOT FM approved or intrinsically safe. This battery will automatically reduce the radio's RF power to 2watts.	NTN9183	620	$40.00
XTS 3000 MAH, NIMHY, BATTERY RNN4006 Guaranteed for 70% of capacity 1 year, only Compatible with NTN1177/4796, 1168 and all TRI-Chem Chargers. 2-3-hour rapid charge.	RNN4006 R	453	$55.00
XTS 3000 MAH, NIMHY, FM BATTERY RNN4007 Guaranteed for 70% of capacity 1 year, only Compatible with NTN1177/4796, 1168 and all TRI-Chem Chargers. 2-3-hour rapid charge.	RNN4007 R	453	$65.00

ASTRO® Digital XTS 5000 FLASHport® Aftermarket Upgrades 700/800MHz Bands Secure and Trunked Radio Systems

GENERAL INFORMATION

FLASHport® Aftermarket Software is used to upgrade to the latest version of your System Enhancement Software Package to upgrade to a different System Enhancement Software Package or to order enhancements for existing for existing ASTRO® Digit XTS 5000 radios in the field. FLASHport® upgrade kits contain upgrade software, FLASHkey, and upgrade documentation.

ORDERING REQUIREMENTS

1. Specify the *current* System Enhancement Software Package that represents the software in the radio as the main line item (T6748, T6749, T6750, or T6751.)

2. Select the *desired* Operational Mode, System Enhancement Software Package, and/or System Enhancement Options and enter as sub-items.

3. IMPORTANT: If upgrading to a new System Enhancement Software Package, you must use the column which represents that new System Enhancement Software Package to determine price and availability of System Enhancement Options. If you are remaining at the same System Enhancement Software Package, use the column of the current System Enhancement Software Package to determine price and availability of System Enhancement Options.

. ALL sub-items must have the same quantity listed (which equals the number of radios being upgraded) even though the main line is ALWAYS 1.

5. Radio Model number and FLASHcode must be entered into designated COF fields. A separate line item must be entered for each different combination of Radio model and FLASHcode.

NOTE: The FLASHcode can be read by using the USB or RS232 cable.

CURRENT SYSTEM SOFTWARE PACKAGE	T6748	T6749	T6750	T6751
	ANALOG SMARTNET®	DIGITAL SMARTNET®	ANALOG SMARTZONE®	DIGITAL SMARTZONE®
OPERATION MODES (List as sub items)				
ENH: ASTRO® Digital CAI Operation Q808 NOTE 1	X	N/A	X	N/A
SYSTEM ENHANCEMENT SOFTWARE (List as sub items)				
ENH: Upgrade to SMARTNET® Q326	X	X	N/A	N/A
ENH: Upgrade to SmartZone® Q327	X	X	X	X
SYSTEM ENHANCEMENT OPTIONS (List as sub items)				
ADD: ID Display H14 NOTE 3	X	X	X	X
ADD: One Touch Button H46 (NOT available on Model 1 Portables)	X	X	X	X
ENH: SmartZone® OmniLink™ Operation Q173 NOTE 4	N/A	N/A	N/A	X
CRYPTION ENHANCEMENT OPTIONS (as sub items) - Radios must contain Encryption to add Encryption ancement Options NOTE 2				
ADD: Multikey Operation H869	X	X	X	X

Note 1: For feature details, see System Enhancement Software Packages Section under the General Information on the XTS 5000 800MHz page.

Note 2: See Encryption Field Upgrade Kits' Section under the General Information on the XTS 5000 800MHz page, if radios do not currently contain encryption.

Note 3: ID Display uses ASTRO® Signaling in digital mode and MDC™ signaling in analog model. Consequently, it is not available in Trunked analog modes. This option can only be used on Conventional channels when in analog mode.

Note 4: The radio requires NTN9738A (UCM) for use of this option.

An RS232 or Universal Serial Bus (USB) cable is required to "FLASH" FLASHport® software into the ASTRO®: Digital XTS 5000 radios.

Software Prices **BELOW DO NOT** include field programming.

FCC INFORMATION

ALL MODELS ON THIS PAGE REQUIRE AN EXPORT LICENSE TO BE EXPORTED FROM THE US/CANADA

Ç Canada personnel refer to Section A under CANADA ONLY information.

ASTRO® DIGITAL XTS5000 800MHz

Models

Description	Nomenclature	APC	Price
ANALOG SMARTNET	T6748	332	[illegible]
TAL SMARTNET	T6749	332	$[illegible]
LOG SMARTZONE	T6750	332	$0.00
DIGITAL SMARTZONE	T6751	332	$0.00

Options

Operation Mode

Description	Nomenclature	APC	Price
ENH: ASTRO DIGITAL CAI OPTION	Q808AG	332	$700.00

System Enhancement Software

Description	Nomenclature	APC	Price
ENH: UPGRADE EXISTING CONVENTIONAL	Q324AK	332	$75.00
ENH: UPGRADE TO SMARTNET	Q326AS	430	$500.00
ENH: UPGRADE TO SMARTNET	Q326AT	430	$75.00
ENH: UPGRADE TO SMARTZONE	Q327BE	430	$800.00
ENH: UPGRADE TO SMARTZONE	Q327BF	430	$440.00
ENH: UPGRADE TO SMARTZONE	Q327BG	430	$75.00

Accessories

		UNIT PRICES FOR QUANTITIES							
	Baseline Model: XTS 2500 (Model II) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	**(Special Offer)**
E.9	Radio, Project 25, 800 MHz, Personal/Portable, Mid-Line Refer to SECTION 11.0	$ 2,872.61	$ 2,872.61	$ 2,872.61	$ 2,772.67	$ 2,706.04	$ 2,572.79	$ 2,439.54	$ 2,306.28
	PORTABLE ASTRO DIGITAL XTS 2500 764-870MHZ 1-3W 160-CHANNEL LTDKYPD								
	ENH: SOFTWARE TRUNKING 9600 BAUD								
	Charger, 110V US TRI Chemistry								
	Charger, 110V Line Cord								
	ENH: TWO (2) YEAR EXPRESS SERVICE PLAN								
E.9.1	Complete list of available options, accessories, and services, refer to section 1.2.2, 1.12.1, and 11.6.2. Attach catalog pricing with % discount.								
	ENH: SOFTWARE TRUNKING 3600BAUD LIMITED	$ 1,423.75	$ 1,423.75	$ 1,423.75	$ 1,373.50	$ 1,340.00	$ 1,273.00	$ 1,206.00	$ 1,139.00
	ALTERNATE CONFIGURATIONS:	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	PORTABLE ASTRO DIGITAL XTS 2500 764-870MHZ 1-3W 48-CHANNEL BASIC	$ (510.00)	$ (510.00)	$ (510.00)	$ (492.00)	$ (480.00)	$ (456.00)	$ (432.00)	$ (408.00)
	PORTABLE ASTRO DIG XTS 2500 764-870MHZ 1-3W 160-CHANNEL FULL FEATURE	$ 340.00	$ 340.00	$ 340.00	$ 328.00	$ 320.00	$ 304.00	$ 288.00	$ 272.00
E.9.2	Delete battery, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: BATTERY ALTOGETHER	$ (48.45)	$ (48.45)	$ (48.45)	$ (46.74)	$ (45.60)	$ (43.32)	$ (41.04)	$ (38.76)
E.9.3	Delete user manual, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.4	Delete features, refer to section 1.12.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: ANTENNA 800MHZ (NAF5037)	$ (8.50)	$ (8.50)	$ (8.50)	$ (8.20)	$ (8.00)	$ (7.60)	$ (7.20)	$ (6.80)
	DEL: DETACHABLE 2 1/2" BELT CLIP (NTN8266)	$ (8.50)	$ (8.50)	$ (8.50)	$ (8.20)	$ (8.00)	$ (7.60)	$ (7.20)	$ (6.80)
E.9.5	Test and Programming Equipment, refer to section 1.2.4 and 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.6	Test and Programming Cables, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.7	Test and Programming Software, refer to	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.8	section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.9	Maintenance training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.10	User training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.11	Extended warranty term options, refer to section 1.8.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.12	Necessary firmware/software fix per unit, refer to section 1.5.3.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.13	Optional upgrade per unit, refer to section 1.5.3.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.14	Upgrade price (bulk), refer to section 1.5.3.3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.15	Lifetime software per unit, refer to section 1.5.3.4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.16	Other firmware/software prices, refer to section 1.5.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.17	On-site programming and testing, refer to section 1.6.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	PER UNIT ON-SITE PROGRAMMING (SEE SECTION 13 FOR DETAILS)	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00
E.9.18	Zero Receive Volume Option, refer to section 11.5.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.19	Basic Battery, refer to section 11.6.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.20	Optional Antennas, refer to section 11.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ADD: 806-870 MHZ DIPOLE (NAF5039A)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ALT: ANTENNA QUARTER-WAVE 800MHZ (NAF5042)	$ (4.25)	$ (4.25)	$ (4.25)	$ (4.10)	$ (4.00)	$ (3.80)	$ (3.60)	$ (3.40)
	ALT: ANTENNA WHIP FLEX 700 / 800MHZ (NAF5080)	$ 4.25	$ 4.25	$ 4.25	$ 4.10	$ 4.00	$ 3.80	$ 3.60	$ 3.40
E.9.21	Optional Batteries, refer to section 11.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ALT: BATTERY NICAD FM 1525MAH (NTN9816)	$ 41.65	$ 41.65	$ 41.65	$ 40.18	$ 39.20	$ 37.24	$ 35.28	$ 33.32
	ALT: BATTERY ULTRA HI CAPACITYT NIMH (NTN9858)	$ 51.85	$ 51.85	$ 51.85	$ 50.02	$ 48.80	$ 46.36	$ 43.92	$ 41.48
	ALT: BATTERY NIMH FM 1750MAH (NTN9857)	$ 69.70	$ 69.70	$ 69.70	$ 67.24	$ 65.60	$ 62.32	$ 59.04	$ 55.76
E.9.22	Optional Clips, refer to section 11.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.23	Optional Battery Chargers, refer to section 11.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Attachment E

		UNIT PRICES FOR QUANTITIES							
	Baseline Model: XTS 2500 (Model II) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	**(Special Offer)**
E.9.24	Optional Portable to Mobile radio converters/chargers, refer to section 11.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.25	Optional RF power capability, refer to section 11.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.26	Optional microphones, refer to section 11.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.9.27	Optional loud speakers, refer to section 11.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

XTS 2500 Portable Radio

Accessories (Apply 30% Discount excluding APC Codes 557,964,606,185,261,262,371,415. Batteries, Radio Service Software, Test Equipment and Shop Supplies are also excluded from discounting)

Antenna

Description	Nomenclature	APC	Price
ANTENNA, 806-870 MHZ 1/2 WAVELENGTH WHIP	NAF5037 ✓	402	$35.75
ANT,DIPOLE 800MHZ	NAF5039 ✓	476	$35.75
ANTENNA, 806-941MHZ 1/4 WAVELENGTH WHIP (STUBBY)	NAF5042 ✓	414	$25.50
ANTENNA, 764-870MHZ 1/4 WAVE WHIP FLEX	NAF5080 ✓	555	$35.00

Belt Clip(s)

Description	Nomenclature	APC	Price
BELT CLIP 2 1/4"	HLN6853 ✓	271	$10.00

Cable(s)

Description	Nomenclature	APC	Price
PROGRAMMING CABLE, USB DOES NOT require Smart Rib.	RKN4105 ✓	262	$225.00

This cable MUST be ordered or the RKN4106 when you order the RVN4186 to program the Portable Radios.

Carrying Case(s)

Description	Nomenclature	APC	Price
LEATHER CASE W/HIGH ACTIVITY 3.0" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 3.0" Snap NiCad or NiMH.	NNTN4115 ✓	271	$60.00
LEATHER CASE W/HIGH ACTIVITY 2.5" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH.	NNTN4116 ✓	271	$60.00
LEATHER CASE W/SNAP BELT LOOP & T-STRAP Includes snap belt loop and t-strap. For NiCad or NiMH.	NNTN4117 ✓	271	$60.00

Manuals

Description	Nomenclature	APC	Price
MAN USER GUIDE XTS2500 MOD I XTS 2500 M1 Operations/User's manual PAPER.	6881094C04	205	$10.50
MAN USER GUIDE XTX2500 MODEL I XTS 2500 M2 operation/User's manual PAPER	6881094C05	205	$10.50
MAN USER GUIDE STX2500 MOD II Full Feature, 800MHz, VHF, UHF Operation/User's manual PAPER.	6881094C06	205	$10.50
MAN SERV XTS2500 LEVEL 1-2 Basic Service Manual PAPER	6881094C09	205	$13.00
MAN SERV/THEORY LEVEL 3 XTS250 Basic Service Manual PAPER	6881094C10	205	$30.00
CD XTS2500 USER GUIDES	9985898D01	1	$10.00
CD SERV MAN ENG XTS2500	9985899D01	1	$10.00
CD SERV AND THEORY MAN ENG XTS	9985900D01	362	$30.00

Data Compiled 09-Dec-2002 using DUP and all prices in USD

BATTERIES

Description	Nomenclature	APC	Price
BATTERY, ULTRA HIGH CAPACITY NICAD, 1525MAH(-30C) This battery is only for XTS 2500 Subscribers	NTN9815	453	$50.00
BATTERY NICAD, FM 1525MAH (-30C) FM D, F, G NICD* This battery is only for XTS 2500 Subscribers.	NTN9816	453	$54.00
BATTERY NIMH, FM 1750MAH (-20C) FM D,F,G ULTRA HIGH CAPACITY This battery is only for XTS 2500 Subscribers.	NTN9857	453	$58.00
BATTERY NIMH, 1800MAH (-20C)* This battery is only for XTS 2500 Subscribers.	NTN9858	453	$52.00

XTS 2500
FLASHport® Aftermarket Upgrades
Trunked Radio System

GENERAL INFORMATION

FLASHport® Aftermarket Software is used to upgrade to the latest version of your System Enhancement Software Package, to upgrade to a different System Enhancement Software Package, or to order enhancements for existing XTS 2500 radios in the field. FLASHport® Upgrade Kit contains upgrade software and upgrade documentation

FLASHport® Aftermarket Upgrades have not been released for the XTS 2500.

		UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11							
	Baseline Model: XTL 5000 Motorocycle Radio (W5) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	**(Special Offer)**
E.12	Radio, Project 25, 700-800 MHz Dual Band, Mobile, Motorcycle, Top-Line Refer to SECTION 14.0	$ 6,259.95	$ 6,186.88	$ 6,113.81	$ 6,040.74	$ 5,894.60	$ 5,602.32	$ 5,310.04	$ 5,017.76
	W5 35W XTL 5000 512 CHANNEL								
	ADD: MOTORCYCLE W5 CONTROL HEAD								
	ADD: AUXILIARY SPEAKER 5W								
	ADD: WEATHER RESISTANT ENCLOSURE								
	ADD: MIC								
	ENH: IMBE ASTRO DIGITAL								
	ENH:SMARTZONE OPERATION								
	ENH: DIGITAL ID DISPLAY								
	ENH: PROJECT 25 9600 BAUD TRUNKING								
	ADD: MOTORCYCLE MOUNTING, CABLES, CONTROL CABLE								
	ADD: STANDARD ANTENNA 7/800 MHZ								
	TRUNKED P25 OTAR								
	ADD: ENCRYPTION UCM HARDW								
	ENH: DES/DES-XL/DES-OFB								
	ENH: TWO (2) YEAR EXPRESS SERVICE PLUS								
E.12.1	Complete list of available options, accessories, and services, refer to section 1.2.2, 1.12.1, and 14.7. Attach catalog pricing with % discount.								
	ADD: EXTERNAL ALARM RELAYS AND CABLE	$ 63.75	$ 63.00	$ 62.25	$ 61.50	$ 60.00	$ 57.00	$ 54.00	$ 51.00
	ALT: 3DB GAIN ANTENNA	$ 10.20	$ 10.08	$ 9.96	$ 9.84	$ 9.60	$ 9.12	$ 8.64	$ 8.16
	ADD: EMERGENCY PUSH BUTTON	$ 47.60	$ 47.04	$ 46.48	$ 45.92	$ 44.80	$ 42.56	$ 40.32	$ 38.08
	ADD: KEY RETENTION 30 SECONDS	$ 42.50	$ 42.00	$ 41.50	$ 41.00	$ 40.00	$ 38.00	$ 36.00	$ 34.00
	ALT: HOUSING WEATHERPROOF BLACK	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ADD: PRINTED TEST RESULTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.2	Delete antenna kit, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: ANTENNA	$ (17.85)	$ (17.64)	$ (17.43)	$ (17.22)	$ (16.80)	$ (15.96)	$ (15.12)	$ (14.28)
E.12.3	Delete power harness, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.4	Delete brackets, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.5	Delete external speaker, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: SPEAKER	$ (23.80)	$ (23.52)	$ (23.24)	$ (22.96)	$ (22.40)	$ (21.28)	$ (20.16)	$ (19.04)
E.12.6	Delete user manual, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.7	Delete hardware, refer to section 1.12.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: MICROPHONE ASTRO	$ (34.00)	$ (33.60)	$ (33.20)	$ (32.80)	$ (32.00)	$ (30.40)	$ (28.80)	$ (27.20)
	DEL: WEATHERPROOF HOUSING	$ (765.00)	$ (756.00)	$ (747.00)	$ (738.00)	$ (720.00)	$ (684.00)	$ (648.00)	$ (612.00)
E.12.8	Delete features, refer to section 1.12.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.9	Test and Programming Equipment, refer to section 1.2.4 and 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.10	Test and Programming Cables, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

$100?

	Baseline Model: XTL 5000 Motorocycle Radio (W5) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11 (Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	(Special Offer)
E.12	Radio, Project 25, 700-800 MHz Dual Band, Mobile, Motorcycle, Top-Line Refer to SECTION 14.0	$ 6,259.95	$ 6,186.88	$ 6,113.81	$ 6,040.74	$ 5,894.60	$ 5,602.32	$ 5,310.04	$ 5,017.76
	W5 35W XTL 5000 512 CHANNEL								
	ADD: MOTORCYCLE W5 CONTROL HEAD								
	ADD: AUXILIARY SPEAKER 5W								
	ADD: WEATHER RESISTANT ENCLOSURE								
	ADD: MIC								
	ENH: IMBE ASTRO DIGITAL								
	ENH:SMARTZONE OPERATION								
	ENH: DIGITAL ID DISPLAY								
	ENH: PROJECT 25 9600 BAUD TRUNKING								
	ADD: MOTORCYCLE MOUNTING, CABLES, CONTROL CABLE								
	ADD: STANDARD ANTENNA 7/800 MHZ								
	TRUNKED P25 OTAR								
	ADD: ENCRYPTION UCM HARDW								
	ENH: DES/DES-XL/DES-OFB								
	ENH: TWO (2) YEAR EXPRESS SERVICE PLUS								
E.12.1	Complete list of available options, accessories, and services, refer to section 1.2.2, 1.12.1, and 14.7. Attach catalog pricing with % discount.								
	ADD: EXTERNAL ALARM RELAYS AND CABLE	$ 63.75	$ 63.00	$ 62.25	$ 61.50	$ 60.00	$ 57.00	$ 54.00	$ 51.00
	ALT: 3DB GAIN ANTENNA	$ 10.20	$ 10.08	$ 9.96	$ 9.84	$ 9.60	$ 9.12	$ 8.64	$ 8.16
	ADD: EMERGENCY PUSH BUTTON	$ 47.60	$ 47.04	$ 46.48	$ 45.92	$ 44.80	$ 42.56	$ 40.32	$ 38.08
	ADD: KEY RETENTION 30 SECONDS	$ 42.50	$ 42.00	$ 41.50	$ 41.00	$ 40.00	$ 38.00	$ 36.00	$ 34.00
	ALT: HOUSING WEATHERPROOF BLACK	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ADD: PRINTED TEST RESULTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.2	Delete antenna kit, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: ANTENNA	$ (17.85)	$ (17.64)	$ (17.43)	$ (17.22)	$ (16.80)	$ (15.96)	$ (15.12)	$ (14.28)
E.12.3	Delete power harness, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.4	Delete brackets, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.5	Delete external speaker, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: SPEAKER	$ (23.80)	$ (23.52)	$ (23.24)	$ (22.96)	$ (22.40)	$ (21.28)	$ (20.16)	$ (19.04)
E.12.6	Delete user manual, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.7	Delete hardware, refer to section 1.12.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: MICROPHONE ASTRO	$ (34.00)	$ (33.60)	$ (33.20)	$ (32.80)	$ (32.00)	$ (30.40)	$ (28.80)	$ (27.20)
	DEL: WEATHERPROOF HOUSING	$ (765.00)	$ (756.00)	$ (747.00)	$ (738.00)	$ (720.00)	$ (684.00)	$ (648.00)	$ (612.00)
E.12.8	Delete features, refer to section 1.12.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.9	Test and Programming Equipment, refer to section 1.2.4 and 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.10	Test and Programming Cables, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

$100?

		UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11							
	Baseline Model: XTL 5000 Motorocycle Radio (W5) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	**(Special Offer)**
E.12.11	Test and Programming Software, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.12	Maintenance training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.13	User training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.14	Extended warranty term options, refer to section 1.8.1. Attach price sheets	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.15	Necessary firmware/software fix per unit, refer to section 1.5.3.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.16	Optional upgrade per unit, refer to section 1.5.3.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.17	Upgrade price (bulk), refer to section 1.5.3.3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.18	Lifetime software per unit, refer to section 1.5.3.4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.19	Other firmware/software prices, refer to section 1.5.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.20	On-site programming and testing, refer to section 1.6.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	PER UNIT ON-SITE PROGRAMMING (SEE SECTION 13 FOR DETAILS)	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00
E.12.21	Trunked OTAR, refer to section 14.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Trunked OTAR	$ 629.00	$ 621.60	$ 614.20	$ 606.80	$ 592.00	$ 562.40	$ 532.80	$ 503.20
E.12.21.1	Encryption, refer to Addendum #1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ADD: ENCRYPTION UCM HARDW	$ 127.50	$ 126.00	$ 124.50	$ 123.00	$ 120.00	$ 114.00	$ 108.00	$ 102.00
	ENH: DES/DES-XL/DES-OFB	$ 509.15	$ 503.16	$ 497.17	$ 491.18	$ 479.20	$ 455.24	$ 431.28	$ 407.32
	ADD: AES ENCRYPTION	$ 403.75	$ 399.00	$ 394.25	$ 389.50	$ 380.00	$ 361.00	$ 342.00	$ 323.00
	ADD: AES WITH DES/DES-XL/DES-OFB ENCRYPTION	$ 679.15	$ 671.16	$ 663.17	$ 655.18	$ 639.20	$ 607.24	$ 575.28	$ 543.32
	ADD: MULTIKEY	$ 280.50	$ 277.20	$ 273.90	$ 270.60	$ 264.00	$ 250.80	$ 237.60	$ 224.40
E.12.22	TNC connector option, refer to section 14.6.7	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.23	BNC connector option, refer to section 14.6.7	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.24	Optional RF power capability, refer to section 14.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.25	Optional control head, refer to section 14.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	W4 35W XTL 5000 512 CHANNEL	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	W7 35W XTL 5000 - 512 CHANNEL	$ 133.45	$ 131.88	$ 130.31	$ 128.74	$ 125.60	$ 119.32	$ 113.04	$ 106.76
E.12.26	Optional control cables, refer to section 14.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.27	Optional control head cable lengths, refer to section 14.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.28	Optional microphones, refer to section 14.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.29	Optional loud speakers refer to section 14.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.30	Optional power cables, refer to section 14.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.12.31	Optional install/mounting hardware, refer to section 14.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Accessories

A discount of 30% can be applied to all items listed except those with the following APC codes 557, 964, 606, 185, 261, 262, 371 & 415. Radio Service Software, Test Equipment and Shop Supplies are also excluded from discounting.

DEK Accessories

	Nomenclature	APC	Price
DEK 24 MODE SYS 9000	H1617A		$169.00
DEK 16 MODE SYS 9000	H1616A		$182.00
DEK 8 MODE SYS 9000	H1615A		$150.00
DEK PC BD AND HSNG	HLN1392C		$280.00
DEK STATUS/MESSAGE SYS 9000	H1338		$650.00
DEK STATUS SYS 9000	H1339		$475.00

Antenna

Description	Nomenclature	APC	Price
ANTENNA, 3DB ROOF MOUNT STAINLESS STEEL (806-900) Roof Mount with RG 58 A/U cable, Mini UHF connector. Stainless Steel. Power: 100 Watts, Max., Gain: 3 dB, VSWR: Less than 1.5:1, Impedance: 50 Ohms, nominal 14 foot cable	RRA4914	554	$30.00

External Push To Talk

External Push Button PTT	HLN5131B		$61.75
External Foot Switch	HLN5113B		$61.75
Push button external emergency	HLN6188A		$56.00

MICROPHONES

MODIFIED STANDARD MOBILE MIC	HMN1080A		$79.25
MODIFIED MOTORCYCLE WP MIC (Water resistant palm mic)	HMN1079A		$72.00
MIC DESK PL (also APC 617)	HMN1050C		$169.00

MOUNT & POWER SUPPLY

Mobile Desk Tray (speaker version)	HLN6042A		$77.00
Key Lock Mount	HLN6025A		$33.00
Remote mount kit W4,W5, W7 package w/17" cable	H1527B		$305.00
White motorcycle enclosure	HLN1368A		$990.00
Black motorcycle enclosure	HLN1368A		$990.00
212 W Rated Control Station Power Supply	HPN4001B		$296.00

SIREN/PA

Siren with DEK	H1336	$701.00
PA only	H1337	$570.00
Siren without DEK	H1500	$545.00
Round Speaker w/Gray finish	TDN6254A	$248.00
Underhood Speaker w/Grey finish	TDN6253A	$220.00
Rectangular Speaker w/Chrome Finish	TDN6252A	$265.00
Speaker Siren, Chrome & Black	TDN6251A	$329.00
MCYCLE ADPTR CTRL HD SPKR	HLN6179A	$278.00
Motorcycle speaker	HSN6003B	$60.50
SPEAKER SPECTRA 3.2 OHM	HSN6001B	$106.00
SPKR SYS 9000 (standard external speaker) - 5 watt speaker	HSN4018B	$50.75

Customer Programming Software

Description	Nomenclature	APC	Price
PROGRAMMING/FLASH CABLE This cable MUST be ordered when you order the RVN4186 to program the Mobile Radios.		526	$95.00
SOFTWARE FOR ASTRO 25 MOBILE CD FORMAT; VERSION R01.00.00 This is CD format. This software will program ASTRO Digital Spectra Plus Mobile Radios. This provides 3yrs worth of support.		371	$250.00
SOFTWARE FOR ASTRO 25 PORTABLE/MOBILE 2 CD SET; VERSION R01.00.00		371	$375.00

Manuals

Description	Nomenclature	APC	Price
MANUAL INSTL Installation manual		617	$3.20
ASTRO VHF, UHF, 800 MHz basic service manual		412	$20.00

XTL 5000
FLASHport® Aftermarket Upgrades
Secure and Trunked Radio System

GENERAL INFORMATION

FLASHport® Aftermarket Software is used to upgrade to the latest version of your System Enhancement Software Package, to upgrade to a different System Enhancement Software Package, or to order enhancements for existing XTL 5000 radios in the field. FLASHport® Upgrade Kit contains upgrade software and upgrade documentation

FLASHport® Aftermarket Upgrades have not been released for the XTL 5000.

886,65

		UNIT PRICES FOR QUANTITIES							
	Baseline Model: Astro Spectra Plus Consolette - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio. LØ4UJH 9SW7-N	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	**(Special Offer)**
E.15	Radio, Project 25, 800 MHz, Desktop Control Station , Top-Line Refer to SECTION 17.0	$ 6,873.65	$ 6,793.36	$ 6,713.07	$ 6,632.78	$ 6,472.20	$ 6,151.04	$ 5,829.88	$ 5,508.72
	ASTRO SPECTRA PLUS CONSOLETTE W7 25-35 watt 800 MHz								
6806	***ADD: Software Astro Digital CAI Operation***								
G51	***ADD: Smartzone System Software***								
G361	***ENH: P25 9600 baud Trunking Software***								
6851	***ADD: DES, DES-XL, DES-OFB ENCRYPTION***								
G298	***TRUNKED P25 OTAR***								
G78	***ENH: TWO (2) YEAR EXPRESS SERVICE PLAN***								
E.15.1	Complete list of available options, accessories, and services, refer to section 1.2.2, 1.12.1, and 17.7. Attach catalog pricing with % discount.	15%							32%
	ALT: 12 Volt DC Only	$ (127.50)	$ (126.00)	$ (124.50)	$ (123.00)	$ (120.00)	$ (114.00)	$ (108.00)	$ (102.00)
G114	***ENH: DIGITAL PTT-ID***	$ 63.75	$ 63.00	$ 62.25	$ 61.50	$ 60.00	$ 57.00	$ 54.00	$ 51.00
E.15.2	Delete external speaker, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.3	Delete user manual, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.4	Delete hardware, refer to section 1.12.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
L73	***DEL: Microphone Spectra Desktop***	$ (42.50)	$ (42.00)	$ (41.50)	$ (41.00)	$ (40.00)	$ (38.00)	$ (36.00)	$ (34.00)
E.15.5	Delete features, refer to section 1.12.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.6	Test and Programming Equipment, refer to section 1.2.4 and 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.7 E.15.8	Test/Programming Cables, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.9	Test and Programming Software, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.10	Maintenance training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.11	User training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.12	Extended warranty term options, refer to section 1.8.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.13	Necessary firmware/software fix per unit, refer to section 1.5.3.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.14	Optional upgrade per unit, refer to section 1.5.3.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.15	Upgrade price (bulk), refer to section 1.5.3.3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.16	Lifetime software per unit, refer to section 1.5.3.4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.17	Other firmware/software prices, refer to section 1.5.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.18	On-site programming and testing, refer to section 1.6.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	PER UNIT ON-SITE PROGRAMMING (SEE SECTION 13 FOR DETAILS)	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00
E.15.19	Trunked OTAR, refer to section 17.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	TRUNKED P25 OTAR								
E.15.19.1	Encryption, refer to Addendum #1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

78 .55

		UNIT PRICES FOR QUANTITIES							
	Baseline Model: Astro Spectra Plus Consolette - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	**(Special Offer)**
6159	***ADD: AES UCM HARDWARE ENCRYPTION***	$ 531.25	$ 525.00	$ 518.75	$ 512.50	$ 500.00	$ 475.00	$ 450.00	$ 425.00
	ADD: DES, DES-XL, DES-OFB ENCRYPTION	$ 636.65	$ 629.16	$ 621.67	$ 614.18	$ 599.20	$ 569.24	$ 539.28	$ 509.32
6851	***ADD: AES/DES-XL/DES-OFB ENCRYPTION***	$ 679.15	$ 671.16	$ 663.17	$ 655.18	$ 639.20	$ 607.24	$ 575.28	$ 543.32
	ADD: MULTIKEY	$ 280.50	$ 277.20	$ 273.90	$ 270.60	$ 264.00	$ 250.80	$ 237.60	$ 224.40
E.15.20	Remote Control Interface, refer to section 17.6.3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
L14L	***ENH: Local Tone Remote***	$ 403.75	$ 399.00	$ 394.25	$ 389.50	$ 380.00	$ 361.00	$ 342.00	$ 323.00
	CONSOLETTE W9 25-35W 800MHZ- Remote Control	$ 303.45	$ 299.88	$ 296.31	$ 292.74	$ 285.60	$ 271.32	$ 257.04	$ 242.76
E.15.21	Remote Control Units, refer to section 17.6.3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	SEE ATTACHED PRICE SHEETS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.22	TNC connector option, refer to section 17.6.4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.23	BNC connector option, refer to section 17.6.4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.24	Optional RF power capability, refer to section 17.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.25	Optional Front panel controls and displays, refer to section 17.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ADD: Clock VU Meter	$ 85.00	$ 84.00	$ 83.00	$ 82.00	$ 80.00	$ 76.00	$ 72.00	$ 68.00
E.15.26	Optional control cables, refer to section 17.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.27	Optional microphones, refer to section 17.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.28	Optional loud speakers, refer to section 17.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.29	Optional power cables, refer to section 17.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.30	Optional install/mounting hardware, refer to section 17.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.15.31	Optional battery backup, refer to section 17.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

ARS
- DRS

42.50

6649.55

Accessories

A discount of 30% can be applied to all items listed except those with the following APC codes 557, 964, 606, 185, 261, 262, 371, & 415. Radio Service Software, Test Equipment and Shop Supplies are also excluded from discounting.

Algorithm Kits

Description	Nomenclature	APC	Price
DES-XL AND DVP-XL ENCRYPTION KIT - UCM	HLN1425	374	$999.00
DES, DES-XL, AND DES-OFB ENCRYPTION KIT-UCM	HLN1440	374	$749.00
AES ENCRYPTION UCM	HLN1443	456	$625.00
AES/DES-XL/DES-OFB ENCRYP UCM	HLN1444	456	$949.00

Microphones

Description	Nomenclature	APC	Price
MICROPHONE DESK	HMN1050	617	$153.00
MICROPHONE STANDARD PALM	HMN1052	412	$72.00

Remote Mounting Kits

Description	Nomenclature	APC	Price
MOUNTING BRACKET EIA 19 INCH	TRN7466	374	$100.00

Data Compiled 09-Dec-2002 using DUP and all prices in USD

MC3000 Digital Desktop Controller
Trunked or Conventional Systems
For Astro Digital Consolette and MCS2000 Model III Control

Models

Description	Nomenclature	APC	Price
MC3000 DIGITAL DESKET	L3223	124	$876.00
DIGITAL JUNCTION BOX	L3208	124	$632.00

Options

Description	Nomenclature	APC	Price
ADD: CABLE, JUNCTION BOX, MCS/IDEN	ZA00224AA	124	$98.00
ADD: CABLE, JUNCTION BOX, ASTRO	ZA00225AA	124	$24.00
MODEM, 4LEASE LINES, JUNCTION BOX This is an option to the L3208 digital junction box. For remote systems, two junction boxes with the same modem option are required.	ZA00277AA	124	$677.00
MODEM, 2 DIAL UP LINES, JUNCTION BOX This is an option to the L3208 digital junction box. For remote systems, two junction boxes with the same modem option are required.	ZA00278AA	124	$878.00

Accessories

Cables(s) Accessories

Description	Nomenclature	APC	Price
CABLE, JUNCTION BOX, ASTRO	DDN6333	124	$26.00
CRADLE EXT CBL	HKN6123	522	$117.00

Microphones

Description	Nomenclature	APC	Price
DESK MICROPHONE, BLACK	HMN3000	189	$120.00

Power Supply

Description	Nomenclature	APC	Price
MC2000/MC3000 110/220V AC POWER SUPPLY	DDN6342	124	$169.00

Switch Equipment

Description	Nomenclature	APC	Price
BASE WITH PTT SWITCH	CDN6281	129	$185.00
BASE WITHOUT PTT SWITCH Requires headset jackbox and amplifier mdule base. Allows use of any headset. Includes 15 foot coil cord.	CDN6282	129	$185.00
RACKMOUNT SHELF 19" shelf mounts two Digital Junction Boxes (L3208) Rack mount hardware for CAB (L3295)	DDN6335	124	$170.00
25' COIL CORD	RLN5130	706	$242.00

Data Compiled 09-Dec-2002 using DUP and all prices in USD

ASTRO Spectra Plus Consolette
FLASHport® Aftermarket Upgrades
Secure and Trunked Radio System

GENERAL INFORMATION

FLASHport® Aftermarket Software is used to upgrade to the latest version of your System Enhancement Software Package, to upgrade to a different System Enhancement Software Package, or to order enhancements for existing radios in the field. FLASHport® Upgrade Kit contains upgrade software and upgrade documentation

FLASHport® Aftermarket Upgrades have not been released for the ASTRO Spectra Plus Consolette.

Charger

Description	Nomenclature	APC	Price
CHARGER 110V US TRI CHEMISTRY	NTN1667	620	$100.00
CHARGER, 230V EURO TRI CHEMISTRY	NTN1668	620	$100.00
CHARGER 230V UK TRI CHEMISTRY	NTN1669	620	$100.00
CHARGER, SMART RAPID SINGLE UNIT 110V Rapid charger, NiCad, NiMH, & Lithium batteries are for ALL XTS, MTS, MT, JT, HT, and Saber batteries. (WPLN4114AR, & USA 3004209T03 Cord)	NTN1873	785	$165.00
CHARGER, SMART RAPID SINGLE UNIT 220V Rapid charger, NiCad, NiMH, & Lithium batteries are for ALL XTS, MTS, MT, JT, HT, and Saber batteries.(WPLN4114AR, 2 prong Euro 3004209T01 Cord)	NTN1874	785	$165.00
CHARGER, SMART RAPID SINGLE UNIT 240V Rapid charger, NiCad, NiMH, & Lithium batteries are for ALL XTS, MTS, MT, JT, HT, and Saber batteries. (WPLN4114AR, 3 prong Euro Flat 3004 209T02 Cord)	NTN1875	785	$165.00

Charger Line Cords

Description	Nomenclature	APC	Price
CHARGER,110V LINE CORD Can be used on any of the single or multi unit chargers to provide for domestic or international charging capability.	NTN7373	476	$6.30
CHARGER,220V LINE CORD Can be used on any of the single or multi unit chargers, or power supplies, to provide for domestic or international operation.	NTN7374	476	$17.25
CHARGER,240V LINE CORD Can be used on any of the single or multi unit chargers, or power supplies, to provide for domestic or international operation.	NTN7375	476	$22.25

EAR MICROPHONE SYSTEMS

Description	Nomenclature	APC	Price
EAR MIC. FOR HIGH NOISE LEVELS-GRAY(FOR HIGH NOISE LEVELS UP TO105DB) Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). *HT750/HT1250 - Intrinsically Safe (FM)	BDN6641	742	$247.00
PUSH-TO-TALK OR VOICE ACTIVATED (VOX) INTERFACE MODULE	BDN6671	505	$347.00
EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750/HT1250 - Intrinsically Safe (FM)	BDN6677	742	$198.00
EAR MICROPHONE FOR STANDARD NOISE LEVELS, BEIGE Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750/HT1250 - Intrinsically Safe (FM)	BDN6678	742	$198.00
INTFC. MOD., HT1000 SERIES PTT	BDN6708	505	$284.00

Earpieces

Description	Nomenclature	APC	Price
EARBUD, MINI MIC AND PTT	BDN6780	505	$67.00
*MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio.			
Assembled with microphone & PTT.			
*EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)			
EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE)	BDN6781	742	$27.00
*HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, require BDN6676(3.5mm adapter jack) that attaches to the radio.			
*EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)			
*XTS 5000 & XTS 2500 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop.			

Headsets

Description	Nomenclature	APC	Price
VOICE ACTIVATED (VOX) HEAVY DUTY HEADSET WITH NOISE CANCELLING BOOM MI	BDN6635	742	$906.00
*Saber radio requires BDN6640 Adapter Cable			
*HT1000, JT1000, MT2000, XTS3000, XTS3500, XTS2500, XTS5000 - use with BDN6673. Intrinsically Safe (FM).			
*XTS2500 & XTS5000 - Not Intrinsically Safe (FM)			
VOICE ACTIVATED HEADSET WITH THROAT MICROPHONE	BDN6636	742	$857.00
*Saber requires BDN6640 Adapter Cable.			
*HT1000, JT1000, MT2000, XTS3000, XTS3500, XTS2500, XTS5000 - use with BDN6673.			
*Visar - use with BDN6772. Intrinsically Safe (FM)			
HEAVY DUTY HEADSET WITH NOISE CANCELLING BOOM MICROPHONE, PTT ON EARCU	BDN6645	742	$439.00
(Saber radio REQUIRES BDN6640 Adapter Cable)HT1000, JT1000, MT2000, XTS3000, XTS3500, XTS2500, XTS5000 - use with BDN6673. Intrinsically Safe (FM).			
CABLE, RADIO ADAPTER, HT1000	BDN6673	505	$205.00
*XTS 2500, XTS 3000, & XTS 5000 requies BDN6645.			
*HT1000, JT1000, & MT2000 - requires one of the following: BDN6645, BDN6635, or BDN6636.			
OVER THE HEADSET HT MT	NMN6258	505	$389.00
BEHIND THE HEAD HEADSET HT MT	NMN6259	505	$425.00
TEMPLE TRANSDUCER W/ BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES	RMN4049	742	$225.00
Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in-line PTT.			

Microphones

Description	Nomenclature	APC	Price
NOISE CANCELLING REMOTE SPEAKER MICROPHONE Includes a 6.0' coiled cord assembly, 3.5 mm earjack, swivel clip, quick disconnect latch and FM approval.	NMN6191	476	$96.75
REMOTE SPEAKER MICROPHONE Includes a 6.0' (stretched length) coiled cord, swivel clothing clip and 3.5mm earpiece, quick disconnect latch and FM approval.	NMN6193	476	$87.25

Multi Unit Chargers

Description	Nomenclature	APC	Price
WALL MOUNT KIT FOR MULTI-UNIT CHARGER	NLN7967	476	$21.00
CHARGER,RACK MOUNT FOR 6 UNIT	NLN7968	476	$26.00
CHARGER, 110V MULTI UNIT RAPID Typically 1 hour charge (to get complete battery life)for every 2 amps. Designed for Domestic and International Operation through the use of interchangeable plug-in line cords. Additional line cords may be purchased separately.	NTN1177	476	$675.00
CHARGER, 220V MULTI UNIT RAPID (2 PRONG EURO PLUG)	NTN1178	476	$675.00
CHARGER, 240V MULTI UNIT RAPID (UK 13AMP PLUG)	NTN1179	476	$675.00
110V MUC SMART CHARGER	WPLN4108 R	785	$788.00

Service

Description	Nomenclature	APC	Price
HOUSING ELIMINATOR, XTS2500	8180384M37	261	$290.00
BATTERY ELIMINATOR CABLE	AA0180305G54	261	$60.00

Surveillance

Description	Nomenclature	APC	Price
RECEIVE ONLY EARPIECE WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE)	BDN6664	742	$40.00
*HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, require BDN6676(3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required.			
*XTS 5000 & XTS 2500 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). Assembled (receive only) with standard urethane earloop.			
*EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)			
RECEIVE ONLY EARPIECE WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE)	BDN6665	742	$42.00
*HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, require BDN6676(3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required.			
*XTS 5000 & XTS 2500 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). Assembled (receive only) with standard urethane earloop.			
*EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)			
RECEIVE ONLY EARPIECE WITH VOLUME CONTROL - BEIGE (SINGLE WIRE)	BDN6666	742	$53.00
*HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, require BDN6676(3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required.			
*EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)			
*XTS 5000 & XTS 2500 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop.			
EARPIECE WITH MICROPHONE & PTT COMBINED - BEIGE (2 WIRE)	BDN6667	742	$114.00
*HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, require BDN6676(3.5mm adapter jack) that attaches to the radio.			
*XTS 5000 & XTS 2500 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). Assembled (receive only) with standard urethane earloop.			
*EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)			
EARPIECE WITH MICROPHONE & PTT SEPARATE - BEIGE (3 WIRE)	BDN6668	742	$150.00
*HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, require BDN6676(3.5mm adapter jack) that attaches to the radio.			
*EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)			
*XTS 5000 & XTS 2500 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). Assembled (receive only) with standard urethane earloop.			
EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BEIGE (2 WIRE)	BDN6669	742	$118.00
*HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, require BDN6676(3.5mm adapter jack) that attaches to the radio.			
*XTS 5000 & XTS 2500 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). Assembled (receive only) with standard urethane earloop.			
*EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)			
EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BEIGE (3 WIRE)	BDN6670	742	$135.00
*HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, require BDN6676(3.5mm adapter jack) that attaches to the radio.			
*EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)			
*XTS 5000 & XTS 2500 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). Assembled (receive only) with standard urethane earloop.			

RECEIVE ONLY EARPIECE WITH STANDARD EARPHONE - BLACK (SINGLE WIRE)	BDN6726	742	$40.00

*HT1000, JT1000, MT2000, MTX8000, MTX9000, and XTS 3000 require BDN 6676 (3.5 mm adapter jack) that attaches to the redio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required.

*XTS 2500 and XTS 5000 requires new adaptor which will be available Q1 2002. Intrinsically Safe (FM)

*EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)

RECEIVE ONLY EARPIECE WITH VOLUME CONTROL - BLACK (SINGLE WIRE)	BDN6728	742	$53.00

*JT1000, MT2000, MTX8000, MTX9000, and XTS 3000 require BDN6676 (3.5 mm adapter jack) that attaches to the redio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required.

*XTS 2500 and XTS 5000 requires new adaptor which will be available Q1 2002. Intrinsically Safe (FM)

*EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)

EARPIECE WITH MICROPHONE & PTT COMBINED - BLACK (2 WIRE)	BDN6729	742	$114.00

*JT1000, MT2000, MTX8000, MTX9000, and XTS 3000 require BDN6676 (3.5 mm adapter jack) that attaches to the redio.

*XTS 2500 and XTS 5000 requires new adaptor which will be available Q1 2002. Intrinsically Safe (FM)

*EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)

EARPIECE WITH MICROPHONE & PTT SEPARATE - BLACK (3 WIRE)	BDN6730	742	$150.00

*HT1000, JT1000, MT2000, MTX8000, MTX9000 XTS 3000 require BDN6676 (3.5mm adapter jack) that attaches to the radio.

*XTS 2500 & XTS 5000 requires new adaptor-available Q1 2002. Intrinsically Safe (FM).

*EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)

EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BLACK (2 WIRE)	BDN6731	742	$118.00

*HT1000, JT1000, MT2000, MTX8000, MTX9000 XTS 3000, require BDN6676 (3.5mm Adapter Jack)that attaches to the radio.

*XTS 2500 & XTS 5000 requires new adaptor-available Q1 2002. Intrinsically Safe (FM).

*EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)

EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BLACK (3 WIRE)	BDN6732	742	$135.00

*HT1000, JT1000, MT2000, MTX8000, MTX9000 XTS 3000 require BDN6676 (3.5mm adapter jack) that attaches to the radio.

*EX500/EX600 - requires PMLN4455 - Intrinsically Safe (FM)

*XTS 2500 & XTS 5000 requires new adaptor-available Q1 2002. Intrinsically Safe (FM)

T-Straps

Description	Nomenclature	APC	Price
T STRAP PLAIN ACTION SNAPS	NTN8383	620	$10.50
CASE LEATHER T-STRAP HARD ACT	NTN8384	620	$10.50

Customer Programming Software

Description	Nomenclature	APC	Price
SOFTWARE FOR ASTRO 25 PORTABLE CD FORMAT; VERSION R01.00.00	RVN4181	371	$250.00

CD Format. This software will program XTS 5000 & XTS 2500 Portable radios plus this comes with a tuner utility on the disk. This provides 3yrs worth of support.

	XTS 1500 700/800 MHz Basic Portable	UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11							
	Baseline Model: XTS 1500 - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	(Special Offer)
	Radio, Project 25, 800 MHz, Personal/Portable	$ 1,576.67	$ 1,576.67	$ 1,576.67	$ 1,542.54	$ 1,508.42	$ 1,474.29	$ 1,406.04	$ 1,337.79
	PORTABLE ASTRO DIGITAL XTS 1500 764-870MHZ 1-3W 16 CHANNEL								
	ENH: SOFTWARE TRUNKING 9600 BAUD								
	Charger, 110V US TRI Chemistry								
	ENH: TWO (2) YEAR EXPRESS SERVICE PLAN								
	Complete list of available options, accessories, and services, refer to section 1.2.2, 1.12.1, and 11.6.2. Attach catalog pricing with % discount.								
	Delete battery, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: BATTERY ALTOGETHER	$ (51.30)	$ (51.30)	$ (51.30)	$ (50.16)	$ (49.02)	$ (47.88)	$ (45.60)	$ (43.32)
	Delete user manual, refer to section 1.12.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Delete features, refer to section 1.12.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Test and Programming Equipment, refer to section 1.2.4 and 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Test and Programming Cables, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Test and Programming Software, refer to section 1.11.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Maintenance training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	User training, refer to section 1.7. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Extended warranty term options, refer to section 1.8.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Necessary firmware/software fix per unit, refer to section 1.5.3.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Optional upgrade per unit, refer to section 1.5.3.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Upgrade price (bulk), refer to section 1.5.3.3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Lifetime software per unit, refer to section 1.5.3.4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Other firmware/software prices, refer to section 1.5.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	On-site programming and testing, refer to section 1.6.1. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	PER UNIT ON-SITE PROGRAMMING (SEE SECTION 13 FOR DETAILS)	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00
	Zero Receive Volume Option, refer to section 12.5.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Basic Battery, refer to section 12.6.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Optional Antennas, refer to section 12.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Delete Antenna	$ (9.00)	$ (9.00)	$ (9.00)	$ (8.80)	$ (8.60)	$ (8.40)	$ (8.00)	$ (7.60)
	ALT: 806-870 MHZ DIPOLE (NAF5039A)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ALT: ANTENNA QUARTER-WAVE 800MHZ (NAF5042)	$ (4.50)	$ (4.50)	$ (4.50)	$ (4.40)	$ (4.30)	$ (4.20)	$ (4.00)	$ (3.80)
	ALT: ANTENNA WHIP FLEX 700 / 800MHZ (NAF5080)	$ 4.50	$ 4.50	$ 4.50	$ 4.40	$ 4.30	$ 4.20	$ 4.00	$ 3.80
	Optional Batteries, refer to section 12.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ALT: BATTERY NICAD FM 1525MAH (NTN9816)	$ 44.10	$ 44.10	$ 44.10	$ 43.12	$ 42.14	$ 41.16	$ 39.20	$ 37.24
	ALT: BATTERY ULTRA HI CAPACITYT NIMH (NTN9858)	$ 54.90	$ 54.90	$ 54.90	$ 53.68	$ 52.46	$ 51.24	$ 48.80	$ 46.35
	ALT: BATTERY NIMH FM 1750MAH (NTN9857)	$ 73.80	$ 73.80	$ 73.80	$ 72.16	$ 70.52	$ 68.88	$ 65.60	$ 62.32
	Optional Clips, refer to section 12.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

	XTS 1500 700/800 MHz Basic Portable	UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11							
	Baseline Model: XTS 1500 - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	(Special Offer)
	Optional Battery Chargers, refer to section 12.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$
	Optional Portable to Mobile radio converters/chargers, refer to section 12.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$
	Optional RF power capability, refer to section 12.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$
	Optional microphones, refer to section 12.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$
	Optional loud speakers, refer to section 12.6.2. Attach price sheets.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$

XTS 1500

Accessories: Apply 30% Discount excluding APC Codes: 557, 964, 606, 185, 261, 262, 371, 415. Batteries, Radio Service Software, Test Equipment and Shop Supplies are also excluded from discounting.

Antenna

Description	Nomenclature	APC	Price
ANTENNA, 806-870 MHZ 1/2 WAVELENGTH WHIP	NAF5037	476	$35.75
ANTENNA, DIPOLE 806-870MHZ	NAF5039	476	$35.75
ANTENNA, 806-941MHZ 1/4 WAVELENGTH WHIP (STUBBY)	NAF5042	476	$25.50
ANTENNA, 764-870MHZ 1/4 WAVE WHIP FLEX	NAF5080	555	$35.00

Belt Clip(s)

Description	Nomenclature	APC	Price
BELT CLIP 2 1/4"	HLN6853	271	$10.00

Cable(s)

Description	Nomenclature	APC	Price
CABLE- PROGRAMMING USB DOES NOT require Smart Rib. This cable MUST be ordered or the RKN4106 when you order the RVN4186 to program the Portable Radios.	RKN4105	261	$225.00
CABLE- PROGRAMMING, RS232 This cable MUST be ordered or the RKN4105 when you order the RVN4186 to program the Portable Radios.	RKN4106	261	$239.00

Carrying Case(s)

Description	Nomenclature	APC	Price
LEATHER CASE W/HIGH ACTIVITY 3.0" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 3.0" Snap NiCad or NiMH.	NNTN4115	271	$60.00
LEATHER CASE W/HIGH ACTIVITY 2.5" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH.	NNTN4116	271	$60.00
LEATHER CASE W/SNAP BELT LOOP & T-STRAP Includes snap belt loop and t-strap. For NiCad or NiMH.	NNTN4117	271	$60.00
T-STRAP LEATHER PLAIN ACTION SNAPS	NTN8383	476	$10.50
T-STRAP CASE LEATHER HARD ACTION SNAPS	NTN8384	476	$10.50

Charger

Description	Nomenclature	APC	Price
CHARGER 110V US TRI CHEMISTRY	NTN1667	476	$100.00
CHARGER, 230V EURO TRI CHEMISTRY	NTN1668	476	$100.00
CHARGER 230V UK TRI CHEMISTRY	NTN1669	476	$165.00
CHARGER, IMPRESS SMART RAPID RATE, 110V Rapid charger, NiCad, NiMH, & Lithium batteries are for ALL XTS, MTS, MT, JT, HT, and Saber batteries. (WPLN4114AR, & USA 3004209T03 Cord)	NTN1873	476	$165.00
CHARGER, IMPRESS SMART RAPID RATE, 220V (EURO) Rapid charger, NiCad, NiMH, & Lithium batteries are for ALL XTS, MTS, MT, JT, and HT (WPLN4114AR, 2 prong Euro 3004209T01 Cord)	NTN1874	785	$165.00
CHARGER, IMPRESS SMART RAPID RATE, 240V (UK) Rapid charger, NiCad, NiMH, & Lithium batteries are for ALL XTS, MTS, MT, JT, HT, and Saber batteries.(WPLN4114AR, 3 prong Euro Flat 3004209T02 Cord)	NTN1875	785	$165.00
CHARGER TRAVEL Utilizes the cigarette lighter adapter. INCLUDES: mounting bracket, custom coil cord, and charger.	RLN4884	785	$95.00

EAR MICROPHONE SYSTEMS

Description	Nomenclature	APC	Price
EAR MICROPHONE-GRAY (FOR HIGH NOISE LEVELS UP TO 105DB) Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the	BDN6641	742	$247.00

corresponding Radio Interface Module (PTT or VOX). *HT750/HT1250 - Intrinsically Safe (FM)

INTERFACE MODULE; PUSH-TO-TALK OR VOICE ACTIVATED (VOX)	BDN6671	505	$347.00
EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750/HT1250 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation.	BDN6677	742	$198.00
EAR MICROPHONE FOR STANDARD NOISE LEVELS, BEIGE Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750/HT1250 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation.	BDN6678	742	$198.00
INTERFACE MODUDLE PTT	BDN6708	505	$284.00

Earpieces

Description	Nomenclature	APC	Price
EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM).	BDN6780	742	$67.00
EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) *XTS 5000 & XTS 2500 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop.	BDN6781	742	$27.00

Headsets

Description	Nomenclature	APC	Price
HEADSET VOICE ACTIVATED-(VOX) HEAVY DUTY W/NOISE CANCELLING BOOM MIC *Saber radio requires BDN6640 Adapter Cable. *HT1000, JT1000, MT2000, XTS3000, XTS3500, XTS2500, XTS5000 -use with BDN6673. Intrinsically Safe (FM). *XTS2500 & XTS5000-NOT Intrinsically Safe (FM). *EX500 & EX600 XLS - use with RKN4093. Note: VOX is not recommended for trunking operation.	BDN6635	742	$906.00
HEADSET HEAVY DUTY W/NOISE CANCELLING BOOM MICROPHONE, PTT ON EARCU *Saber radio requires BDN6640 Adapter Cable. *HT1000, JT1000, MT2000, XTS3000, XTS3500, XTS2500, XTS5000 -use with BDN6673. Intrinsically Safe (FM). *EX500 & EX600 XLS - use with RKN4093.	BDN6645	742	$439.00
CABLE, RADIO ADAPTER, HT1000 *XTS 2500, XTS 3000, & XTS 5000 Requires BDN6645. *HT1000, JT1000, & MT2000 - requires one of the following: BDN6645, BDN6635, or BDN6636.	BDN6673	505	$205.00
HEADSET OVER-THE-HEAD FOR HT AND MT RADIOS Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB	NMN6258	742	$389.00
HEADSET BEHIND-THE-HEAD FOR HT AND MT RADIOS Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB	NMN6259	505	$425.00
TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in-line PTT.	RMN4049	742	$225.00

Microphones

Description	Nomenclature	APC	Price
MICROPHONE REMOTE SPEAKER NOISE CANCELLING Includes a 6.0' coiled cord assembly, 3.5 mm earjack, swivel clip, quick disconnect latch - Intrinsically Safe (FM).	NMN6191	476	$96.75
MICROPHONE REMOTE SPEAKER Includes a 6.0' (stretched length) coiled cord, swivel clothing clip and 3.5mm earpiece, quick disconnect latch - Intrinsically Safe (FM).	NMN6193	476	$87.25

Multi Unit Chargers

Description	Nomenclature	APC	Price
WALL MOUNT KIT FOR MULTI-UNIT CHARGER	NLN7967	476	$21.00
CHARGER, RACK MOUNT FOR 6 UNIT	NLN7968	476	$26.00
CHARGER IMPRES DISPLAY MODULE Retrofit for display module on impres Multi Unit Charger versions 1.2 or earlier. Instruction sheet will be supplied. Requires the charger to be sent to the Radio Support Center for module installation/flash upgrade. Includes return shipping. Quantity discounts apply when purchasing more than one.	RLN5591A	785	$173.00
CHARGER IMPRES SMART MULTI UNIT (110V)	WPLN4108 R	785	$788.00
CHARGER IMPRES SMART MULTI UNIT W/ DISPLAY MODULES (110V) Displays the following information "real-time for impres batteries - mAh, % capactiy, time remaining to charge complete (NiCd/NiMH only), battery s/n, charge status, voltage, kit#, and more. Supports NiCd, NiMH, and Lithion impress and Motorola non-impres battteries.	WPLN4130	785	$1,350.00

Service

Description	Nomenclature	APC	Price
HOUSING ELIMINATOR, XTS 2500, XTS 1500	8180384M37	261	$307.00
BATTERY ELIMINATOR CABLE	AA0180305G54	261	$60.00

Surveillance

Description	Nomenclature	APC	Price
EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 2500, XTS 3000, & XTS 5000: REQUIRE BDN6676(3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. Assembled (receive only) with standard urethane ear loop. *EX500 & EX600 XLS - requires PMLN4455 -Intrinsically Safe (FM)	BDN6664	742	$40.00
EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 2500, XTS 3000, & XTS 5000: REQUIRE BDN6676(3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. Assembled (receive only) with standard urethane ear loop. *EX500 & EX600 XLS - requires PMLN4455 -Intrinsically Safe (FM)	BDN6665	742	$42.00
EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BEIGE (SINGLE WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 2500, XTS 3000, and XTS 5000: Requires BDN6676(3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. Intrinsically Safe (FM). Assembled (receive only) with standard urethane ear loop.	BDN6666	742	$53.00
EARPIECE WITH MICROPHONE & PTT COMBINED - BEIGE (2 WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 2500, XTS 3000, and XTS 5000: Requires BDN6676(3.5mm adapter jack) that	BDN6667	742	$114.00

attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. Intrinsically Safe (FM). Assembled (receive only) with standard urethane ear loop.

EARPIECE WITH MICROPHONE & PTT SEPARATE - BEIGE (3 WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 2500, XTS 3000, and XTS 5000: Requires BDN6676(3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. Intrinsically Safe (FM). Assembled (receive only) with standard urethane ear loop.	BDN6668	742	$150.00
EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BEIGE (2 WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 2500, XTS 3000, and XTS 5000: Requires BDN6676(3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. Intrinsically Safe (FM). Assembled (receive only) with standard urethane ear loop.	BDN6669	742	$118.00
EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BEIGE (3 WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, XTS 2500, XTS 3000, and XTS 5000: REQUIRE BDN6676(3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. Intrinsically Safe (FM). Assembled (receive only) with standard urethane ear loop. *EX500 & EX600 XLS REQUIRES PMLN4455.	BDN6670	742	$135.00
EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BLACK (SINGLE WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000, and XTS 3000 require BDN6676 (3.5 mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 and XTS 5000 requires new adaptor which will be available Q1 2002. Intrinsically Safe (FM) *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM)	BDN6726	742	$40.00
EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BLACK (SINGLE WIRE) *JT1000, MT2000, MTX8000, MTX9000, and XTS 3000 require BDN6676 (3.5 mm adapter jack) that attaches to the redio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 and XTS 5000 requires new adaptor which will be available Q1 2002. Intrinsically Safe (FM). *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM)	BDN6728	742	$53.00
EARPIECE WITH MICROPHONE & PTT COMBINED - BLACK (2 WIRE) *JT1000, MT2000, MTX8000, MTX9000, and XTS 3000 require BDN6676 (3.5 mm adapter jack) that attaches to the redio. *XTS 2500 and XTS 5000 requires new adaptor which will be available Q1 2002. Intrinsically Safe (FM). *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM)	BDN6729	742	$114.00
EARPIECE WITH MICROPHONE & PTT SEPARATE - BLACK (3 WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000 XTS 3000 require BDN6676 (3.5mm adapter jack) that attaches to the radio. *XTS 2500 & XTS 5000 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM)	BDN6730	742	$150.00
EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BLACK (2 WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000 XTS 3000, require BDN6676 (3.5mm Adapter Jack)that attaches to the radio. *XTS 2500 & XTS 5000 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM)	BDN6731	742	$118.00
EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BLACK (3 WIRE) *HT1000, JT1000, MT2000, MTX8000, MTX9000 XTS 3000 require BDN6676 (3.5mm adapter jack) that attaches to the radio. *XTS2500 & XTS5000 requires new adaptor-available Q1 2002. Intrinsically Safe (FM). *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM).	BDN6732	742	$135.00

Customer Programming Software

Description	Nomenclature	APC	Price
SOFTWARE FOR ASTRO 25 PORTABLE CD FORMAT; VERSION R01.00.00 CD Format. This software will program XTS 5000 & XTS 2500 Portable radios plus this comes with a tuner utility on the disk. This provides 3yrs worth of support.	RVN4181	371	$265.00

Manuals

Description	Nomenclature	APC	Price
MANUAL BASIC SERVICE LEVEL 1-2 XTS 1500, 2500, AND MT 1500 XTS2500, XTS1500, MT1500 BASIC SERVICE MANUAL PAPER	6881094C09	205	$13.75
MANUAL DETAILED SERVICE/THEORY LEVEL 3 XTS 1500, 2500, AND MT 1500 XTS2500, XTS1500, MT1500 BASIC SERVICE MANUAL PAPER	6881094C10	205	$31.75
MANUAL CD SERVICE ENGLISH XTS 1500, 2500, AND MT 1500 XTS2500, XTS1500, MT1500 BASIC SERVICE MANUAL PAPER	9985899D01	001	$10.50
MANUAL CD SERVICE AND THEORY ENGLISH XTS 1500, 2500, AND MT 1500 XTS2500, XTS1500, MT1500 BASIC SERVICE MANUAL PAPER	9985900D01	362	$31.75

Battery

Description	Nomenclature	APC	Price
BATTERY, ULTRA HIGH CAPACITY NICAD, 1525MAH(-30C) Compatible with XTS 2500, MT 1500, and XTS 1500	NTN9815	453	$50.00
BATTERY NICAD, FM 1525MAH (-30C) Compatible with XTS 2500, MT 1500 and XTS 1500	NTN9816	453	$54.00
BATTERY NIMH, FM 1750MAH (-20C) FM D,F,G ULTRA HIGH CAPACITY Compatible with XTS 2500, MT 1500 and XTS 1500	NTN9857	453	$58.00
BATTERY NIMH, 1800MAH (-20C)* Compatible with XTS 2500, MT 1500, and XTS 1500	NTN9858	453	$52.00

XTS 1500 Basic Portable	APC	Base	Discount	(Qty 1-9)	Discount	(Qty 10-49)	Discount	(Qty 50-99)	Discount	(Qty 100-499)	Discount	(Qty 500-999)	Discount	(Qty 1000-4999)	Discount	(Qty 5000 and above)	Discount	(Special Offer)
			UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11															
Baseline Model: XTS 1500 - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.																		
Radio, Project 25, 800 MHz, Personal/Portable		$1,780.00	15%	$ 1,576.67	15.07%	$ 1,576.67	15.07%	$ 1,576.67	16.99%	$ 1,542.54	18.91%	$ 1,508.42	20.83%	$ 1,474.29	24.66%	$ 1,406.04	28.49%	$ 1,337.79
PORTABLE ASTRO DIGITAL XTS 1500 764-870MHZ 1-3W 16 CHANNEL	687	$750.00																
ENH: SOFTWARE TRUNKING 9600 BAUD	687	$930.00																
Charger, 110V US TRI Chemistry	476	$100.00																
ENH: TWO (2) YEAR EXPRESS SERVICE PLAN	185	$55.00																
Complete list of available options, accessories, and services, refer to section 1.2.2, 1.12.1, and 11.6.2. Attach catalog pricing with % discount.																		
Delete battery, refer to section 1.12.1			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
DEL: BATTERY ALTOGETHER	687	-$57.00	15%	$ (48.41)	15%	$ (48.41)	15%	$ (48.41)	17%	$ (47.31)	19%	$ (46.22)	21%	$ (45.13)	25%	$ (42.94)	28%	$ (40.76)
Delete user manual, refer to section 1.12.1			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Delete features, refer to section 1.12.1. Attach price sheets.			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Test and Programming Equipment, refer to section 1.2.4 and 1.11.2. Attach price sheets.			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Test and Programming Cables, refer to section 1.11.2. Attach price sheets.			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Test and Programming Software, refer to section 1.11.2. Attach price sheets.			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Maintenance training, refer to section 1.7. Attach price sheets.			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
User training, refer to section 1.7. Attach price sheets.			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Extended warranty term options, refer to section 1.8.1. Attach price sheets.			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Necessary firmware/software fix per unit, refer to section 1.5.3.1			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Optional upgrade per unit, refer to section 1.5.3.2			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Upgrade price (bulk), refer to section 1.5.3.3			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Lifetime software per unit, refer to section 1.5.3.4			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Other firmware/software prices, refer to section 1.5.1. Attach price sheets.			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
On-site programming and testing, refer to section 1.6.1. Attach price sheets.			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
PER UNIT ON-SITE PROGRAMMING (SEE SECTION 13 FOR DETAILS)		$25.00		$ 25.00		$ 25.00		$ 25.00		$ 25.00		$ 25.00		$ 25.00		$ 25.00		$ 25.00
Zero Receive Volume Option, refer to section 12.5.2			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Basic Battery, refer to section 12.6.1			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Optional Antennas, refer to section 12.6.2. Attach price sheets.			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
ADD: 806-870 MHZ DIPOLE (NAF5039A)	687	$0.00	15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
ALT: ANTENNA QUARTER-WAVE 800MHZ (NAF5042)	687	-$5.00	15%	$ (4.25)	15%	$ (4.25)	15%	$ (4.25)	17%	$ (4.15)	19%	$ (4.05)	21%	$ (3.96)	25%	$ (3.77)	28%	$ (3.58)
ALT: ANTENNA WHIP FLEX 700 / 800MHZ (NAF5060)	687	$5.00	15%	$ 4.25	15%	$ 4.25	15%	$ 4.25	17%	$ 4.15	19%	$ 4.05	21%	$ 3.96	25%	$ 3.77	28%	$ 3.58
Optional Batteries, refer to section 12.6.2. Attach price sheets.		-	15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
ALT: BATTERY NICAD FM 1525MAH (NTN9816)	687	$49.00	15%	$ 41.61	15%	$ 41.61	15%	$ 41.61	17%	$ 40.67	19%	$ 39.73	21%	$ 38.80	25%	$ 36.92	28%	$ 35.04
ALT: BATTERY ULTRA HI CAPACITYT NIMH (NTN9858)	687	$61.00	15%	$ 51.80	15%	$ 51.80	15%	$ 51.80	17%	$ 50.63	19%	$ 49.47	21%	$ 48.30	25%	$ 45.96	28%	$ 43.62
ALT: BATTERY NIMH FM 1750MAH (NTN9857)	687	$82.00	15%	$ 69.64	15%	$ 69.64	15%	$ 69.64	17%	$ 68.07	19%	$ 66.49	21%	$ 64.92	25%	$ 61.78	28%	$ 58.63
Optional Clips, refer to section 12.6.2. Attach price sheets.			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Optional Battery Chargers, refer to section 12.6.2. Attach price sheets.			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Optional Portable to Mobile radio converters/chargers, refer to section 12.6.2. Attach price sheets.			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Optional RF power capability, refer to section 12.6.2. Attach price sheets.			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Optional microphones, refer to section 12.6.2. Attach price sheets.			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -
Optional loud speakers, refer to section 12.6.2. Attach price sheets.			15%	$ -	15%	$ -	15%	$ -	17%	$ -	19%	$ -	21%	$ -	25%	$ -	28%	$ -

MOTOROLA

December 21, 2004

City of Phoenix Information Technology Department
ATTN: Alice Stallings
251 West Washington Street, 6th Floor
Phoenix, AZ 85003

Subject: Agreement No. P-7288-05

Ms. Stallings:

As provided in Section 3.6: Technology Upgrades, Motorola submits the XTL 2500 mobile for addition to Agreement P-7288-05. The XTL 2500 qualifies for Category 3, Midl Line Trunk Mount Mobile Radio 700/800 MHz and Category 6, Mid Line Dash Mount Radio 700/800 MHz.

Enclosed please find Price Pages and Specifications for the XTL 2500 Mobile radio, along with the updated accessory pages.

We at Motorola look forward to your response. If you should have any questions, Please contact your Account Manager, Michael Paz at (480) 732-6147.

Sincerely,

MOTOROLA, INC.

By: _____
Kelly B. Clayton, Area Controller

6450 Sequence Drive • San Diego, CA • 92121 • 800-445-3620

	Baseline Model: XTL 2500 (W5 - Remote Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	APC	Base	UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11 (Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	(Special Offer)
E.3	Radio, Project 25, 800 MHz, Mobile, Trunk-Mount, Mid-Line Refer to SECTION 5.0		$4,168.00	$ 3,591.80	$ 3,591.80	$ 3,591.80	$ 3,383.40	$ 3,175.00	$ 3,049.96	$ 2,883.24	$ 2,716.52
	W5 35W XTL 2500 255 CHANNEL	*526*	*$1,497.00*								
	ADD: W5 CONTROL HEAD	*526*	*$332.00*								
	ADD: AUXILIARY SPEAKER 5W	*526*	*$60.00*								
	ADD: MIC	*526*	*$79.00*								
	ENH: IMBE ASTRO DIGITAL	*526*	*$415.00*								
	ENH:SMARTZONE OPERATION	*526*	*$1,075.00*								
	ENH: DIGITAL ID DISPLAY	*412*	*$75.00*								
	ENH: PROJECT 25 9600 BAUD TRUNKING	*526*	*$300.00*								
	ALT: REMOTE MOUNT W5 WITH 17 FOOT CABLE	*412*	*$297.00*								
	ADD: ANTENNA 3 DB GAIN 7/800 MHZ	*526*	*$38.00*								
	ENH: TWO (2) YEAR EXPRESS SERVICE PLUS	*185*	*$49.00*								
E.3.1	Complete list of available options, accessories, and services, refer to section 1.2.2, 1.12.1, and 5.7. Attach catalog pricing with % discount.										
	ADD: EXTERNAL ALARM RELAYS AND CABLE	*412*	*$75.00*	$ 63.75	$ 63.75	$ 63.75	$ 60.00	$ 56.25	$ 54.00	$ 51.00	$ 48.00
	ALT: 3DB GAIN ANTENNA	*581*	*$12.00*	$ 10.20	$ 10.20	$ 10.20	$ 9.60	$ 9.00	$ 8.64	$ 8.16	$ 7.68
	ADD: EXTERNAL EMERGENCY FOOTSWITCH	*412*	*$56.00*	$ 47.60	$ 47.60	$ 47.60	$ 44.80	$ 42.00	$ 40.32	$ 38.08	$ 35.84
	ADD: EMERGENCY PUSH BUTTON	*412*	*$56.00*	$ 47.60	$ 47.60	$ 47.60	$ 44.80	$ 42.00	$ 40.32	$ 38.08	$ 35.84
	ADD: KEY LOCK MOUNT	*617*	*$33.00*	$ 28.05	$ 28.05	$ 28.05	$ 26.40	$ 24.75	$ 23.76	$ 22.44	$ 21.12
	ADD: PRINTED TEST RESULTS	*581*	*$0.00*	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.2	Delete antenna kit, refer to section 1.12.1			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: ANTENNA	*412*	*-$21.00*	$ (17.85)	$ (17.85)	$ (17.85)	$ (16.80)	$ (15.75)	$ (15.12)	$ (14.28)	$ (13.44)
E.3.3	Delete power harness, refer to section 1.12.1		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.4	Delete brackets, refer to section 1.12.1		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.5	Delete external speaker, refer to section 1.12.1			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: SPEAKER	*412*	*-$28.00*	$ (23.80)	$ (23.80)	$ (23.80)	$ (22.40)	$ (21.00)	$ (20.16)	$ (19.04)	$ (17.92)
E.3.6	Delete user manual, refer to section 1.12.1		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.7	Delete hardware, refer to section 1.12.1. Attach price sheets.			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: MICROPHONE ASTRO	*412*	*-$40.00*	$ (34.00)	$ (34.00)	$ (34.00)	$ (32.00)	$ (30.00)	$ (28.80)	$ (27.20)	$ (25.60)
	DEL: ACCESSORIES REMOTE MOUNT W5 PACKAGES	*412*	*-$565.00*	$ (480.25)	$ (480.25)	$ (480.25)	$ (452.00)	$ (423.75)	$ (406.80)	$ (384.20)	$ (361.60)
E.3.8	Delete features, refer to section 1.12.1. Attach price sheets.			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.9	Test and Programming Equipment, refer to section 1.2.4 and 1.11.2. Attach price sheets.		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

E.3.10	Test and Programming Cables, refer to section 1.11.2. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.11	Test and Programming Software, refer to section 1.11.2. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.12	Maintenance training, refer to section 1.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.13	User training, refer to section 1.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.14	Extended warranty term options, refer to section 1.8.1. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.15	Necessary firmware/software fix per unit, refer to section 1.5.3.1				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.16	Optional upgrade per unit, refer to section 1.5.3.2				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.17	Upgrade price (bulk), refer to section 1.5.3.3				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.18	Lifetime software per unit, refer to section 1.5.3.4				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.19	Other firmware/software prices, refer to section 1.5.1. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.20	On-site programming and testing, refer to section 1.6.1. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	PER UNIT ON-SITE PROGRAMMING (SEE SECTION 13 FOR DETAILS)		***$25.00***		$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00
E.3.21	TNC connector option, refer to section 5.6.3				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.22	BNC connector option, refer to section 5.6.3				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.23	Optional RF power capability, refer to section 5.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.24	Optional control head, refer to section 5.7. Attach price sheets.			Lis	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.25	Optional control cables, refer to section 5.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.26	Optional control head cable lengths, refer to section 5.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ALT: REMOTE MOUNT W5 WITH 17 FOOT CABLE	***412***	***$297.00***		$ 252.45	$ 252.45	$ 252.45	$ 237.60	$ 222.75	$ 213.84	$ 201.96	$ 190.08
E.3.27	Optional microphones, refer to section 5.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.28	Optional loud speakers refer to section 5.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ENH: SPEAKER 10 WATT AUDIO	***581***	***$15.00***		$ 12.75	$ 12.75	$ 12.75	$ 12.00	$ 11.25	$ 10.80	$ 10.20	$ 9.60
E.3.29	Optional power cables, refer to section 5.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.3.30	Optional install/mounting hardware, refer to section 5.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

					UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11							
	Baseline Model: XTL 2500 (W5 - Dash Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	APC	Base		(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	(Special Offer)
E.6	Radio, Project 25, 800 MHz, Mobile, Under-dash, Mid-Line Refer to SECTION 8.0		$3,996.00		$ 3,445.60	$ 3,445.60	$ 3,445.60	$ 3,245.80	$ 3,085.96	$ 2,926.12	$ 2,766.28	$ 2,606.44
	W5 35W XTL 2500 255 CHANNEL	*526*	*$1,497.00*									
	ADD: W5 CONTROL HEAD	*526*	*$332.00*									
	ADD: AUXILIARY SPEAKER 5W	*526*	*$60.00*									
	ADD: MIC	*526*	*$79.00*									
	ENH: IMBE ASTRO DIGITAL	*526*	*$415.00*									
	ENH:SMARTZONE OPERATION	*526*	*$1,075.00*									
	ENH: DIGITAL ID DISPLAY	*412*	*$75.00*									
	ENH: PROJECT 25 9600 BAUD TRUNKING	*526*	*$300.00*									
	ALT: DASH MOUNT W5	*412*	*$125.00*									
	ADD: ANTENNA 3 DB GAIN 7/800 MHZ	*526*	*$38.00*									
	ENH: TWO (2) YEAR EXPRESS SERVICE PLUS	*185*	*$49.00*									
E.6.1	Complete list of available options, accessories, and services, refer to section 1.2.2, 1.12.1, and 8.7. Attach catalog pricing with % discount.											
	ADD: EXTERNAL ALARM RELAYS AND CABLE	*412*	*$75.00*		$ 63.75	$ 63.75	$ 63.75	$ 60.00	$ 57.00	$ 54.00	$ 51.00	$ 48.00
	ALT: 3DB GAIN ANTENNA	*581*	*$12.00*		$ 10.20	$ 10.20	$ 10.20	$ 9.60	$ 9.12	$ 8.64	$ 8.16	$ 7.68
	ADD: EXTERNAL EMERGENCY FOOTSWITCH	*412*	*$56.00*		$ 47.60	$ 47.60	$ 47.60	$ 44.80	$ 42.56	$ 40.32	$ 38.08	$ 35.84
	ADD: EMERGENCY PUSH BUTTON	*412*	*$56.00*		$ 47.60	$ 47.60	$ 47.60	$ 44.80	$ 42.56	$ 40.32	$ 38.08	$ 35.84
	ADD: KEY LOCK MOUNT	*617*	*$33.00*		$ 28.05	$ 28.05	$ 28.05	$ 26.40	$ 25.08	$ 23.76	$ 22.44	$ 21.12
	ADD: PRINTED TEST RESULTS	*581*	*$0.00*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.2	Delete antenna kit, refer to section 1.12.1				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: ANTENNA	*412*	*-$21.00*		$ (17.85)	$ (17.85)	$ (17.85)	$ (16.80)	$ (15.96)	$ (15.12)	$ (14.28)	$ (13.44)
E.6.3	Delete power harness, refer to section 1.12.1		$ -		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.4	Delete brackets, refer to section 1.12.1		$ -		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.5	Delete external speaker, refer to section 1.12.1				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	DEL: SPEAKER	*412*	*-$28.00*		$ (23.80)	$ (23.80)	$ (23.80)	$ (22.40)	$ (21.28)	$ (20.16)	$ (19.04)	$ (17.92)
E.6.6	Delete user manual, refer to section 1.12.1		$ -		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.7	Delete hardware, refer to section 1.12.1. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

	DEL: MICROPHONE ASTRO	***412***	***-$40.00***		$ (34.00)	$ (34.00)	$ (34.00)	$ (32.00)	$ (30.40)	$ (28.80)	$ (27.20)	$ (25.60)
	DEL: ACCESSORIES REMOTE MOUNT W5 PACKAGES	***412***	***-$565.00***		$ (480.25)	$ (480.25)	$ (480.25)	$ (452.00)	$ (429.40)	$ (406.80)	$ (384.20)	$ (361.60)
E.6.8	Delete features, refer to section 1.12.1. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.9	Test and Programming Equipment, refer to section 1.2.4 and 1.11.2. Attach price sheets.		$ -		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.10	Test and Programming Cables, refer to section 1.11 2. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.11	Test and Programming Software, refer to section 1.11.2. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.12	Maintenance training, refer to section 1.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.13	User training, refer to section 1.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.14	Extended warranty term options, refer to section 1.8.1. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.15	Necessary firmware/software fix per unit, refer to section 1.5.3.1				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.16	Optional upgrade per unit, refer to section 1.5.3.2				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.17	Upgrade price (bulk), refer to section 1.5.3.3				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.18	Lifetime software per unit, refer to section 1.5.3.4				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.19	Other firmware/software prices, refer to section 1.5.1. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.20	On-site programming and testing, refer to section 1.6.1. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	PER UNIT ON-SITE PROGRAMMING (SEE SECTION 13 FOR DETAILS)		***$25.00***		$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00
E.6.21	TNC connector option, refer to section 8.6.3				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.22	BNC connector option, refer to section 8.6.3				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.23	Optional RF power capability, refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.24	Optional control head, refer to section 8.7. Attach price sheets.			List Delta to	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.25	Optional control cables, refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

E.6.26	Optional control head cable lengths, refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ALT: REMOTE MOUNT W6 WITH 17 FOOT CABLE	***412***	***$297.00***		$ 252.45	$ 252.45	$ 252.45	$ 237.60	$ 225.72	$ 213.84	$ 201.96	$ 190.08
E.6.27	Optional microphones, refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.28	Optional loud speakers refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	ENH: SPEAKER 10 WATT AUDIO	***581***	***$15.00***		$ 12.75	$ 12.75	$ 12.75	$ 12.00	$ 11.40	$ 10.80	$ 10.20	$ 9.60
E.6.29	Optional power cables, refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.6.30	Optional install/mounting hardware, refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

COMMUNICATIONS PRODUCTS AGREEMENT NO. P-7288-05

AMENDMENT EIGHT

This Amendment Eight to Agreement No. P-7288-05 (the "Agreement") is made this 31st day of October, 2005, (the "Effective Date"), by and between Motorola, Inc. ("Motorola") and the City of Phoenix ("City"). The Agreement shall be amended as follows:

1 Per the terms of **Section 3.6, TECHNOLOGY UPGRADES**, Motorola further agrees to provide the XTL 1500 mobile radio in the following category: (18) Basic, Dual Band, Dash and Under Dash Mount, Mobile. Price pages and accessory pages are included as Exhibit Q and Exhibit R, respectively, attached hereto and incorporated by reference.

2. **Section 3.7, TERM**, shall be modified as follows:

   Unless otherwise terminated in accordance with the provisions of this Agreement or extended by mutual agreement of the parties, the term of this Agreement shall begin on the Effective Date, and continue through December 1, 2006. Phoenix may, at its option and with Motorola's approval, extend the period of this Agreement up to two (2) additional one-year terms.

3. **EXHIBIT B, Quantity Purchase Agreement, Section 3, Scope of Agreement and Term,** shall be modified as follows:

   3.1 SCOPE OF AGREEMENT. Change the date from December 1, 2005 to December 1 2006 for eligible purchases to be made by Phoenix.

   3.2 TERM. Change as follows: Purchase Orders must be received prior to December 1, 2006 and must have a requested ship date prior to December 1, 2007.

4. **EXHIBIT B, Quantity Purchase Agreement, Attachment B, Service Plan,** shall be modified as follows:

   Duration of Coverage

   The plan will provide coverage through August 31, 2009, for all radios delivered prior to September 1, 2004, as provided in Section 8 of City of Phoenix Agreement No. P-7288-05.

Other than the amended terms set forth herein, the terms and conditions of the Agreement shall remain unchanged and in full force and effect.

MOTOROLA, INC.

By: _____

Title: AREA CONTROLLER

REVIEWED AND APPROVED
AS TO FORM
Barbara K. Paddock
BARBARA K. PADDOCK 11-02-06 DATE
MOTOROLA
GIS AND COMPLIANCE DEPT.

CITY OF PHOENIX, a municipal corporation
FRANK A. FAIRBANKS
City Manager

By: _____
Kristine Sigfridson
Acting Chief Information Officer

ATTEST:

Vicky Miel
City Clerk

APPROVED AS TO FORM

Margaret Wilson
Acting City Attorney

Exhibit Q

				UNIT PRICES FOR QUANTITIES INDICATED - see Section 1.11							
	Baseline Model: XTL 1500 (Dash Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	APC	Base	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	(Special Offer)
E.x	Radio, Project 25, 700/800 MHz, Mobile, Under-dash, Basic Dual Band			$ 2,124.40	$ 2,124.40	$ 2,124.40	$ 2,124.40	$ 2,124.40	$ 2,124.40	$ 2,124.40	$ 1,062.20
M28URS9	XTL 1500 MOBILE 35 WATT, 764-870MHZ ASTRO DIGITAL	775									
G788	ENH: 9600 AUXILIARY SPEAKER SW	775									
B18	ADD: AUX 1500 SOFTWARE ENHANCEMENT (255 Channels)	500									
G871	ADD: XTL ENHA 3 DB GAIN 7/800 MHZ (2) YEAR EXPRESS SERVICE PLUS	775									
W484	ADD: ANT MOBILE 35 WATT, 764-870MHZ	500									
G24	ENH: TWO ASTRO DIGITAL AUXILIARY SPEAKER SW	185									
E.x.1	Complete list of available options, accessories, and services, refer to section 1.2.2, 1.12.1, and 8.7. Attach catalog pricing with % discount.										
W116	ADD: EXTERNAL ALARM RELAYS AND CABLE	412	575.00	$ 60.00	$ 60.00	$ 60.00	$ 60.00	$ 60.00	$ 60.00	$ 60.00	$ 57.00
G174	ALT: 3DB GAIN ANTENNA	891		$ 34.40	$ 34.40	$ 34.40	$ 34.40	$ 34.40	$ 34.40	$ 34.40	$ 32.68
G175	ADD: ANTENNA 3DB ELEVATED FEED 764-870MHZ	412		$ 60.00	$ 60.00	$ 60.00	$ 60.00	$ 60.00	$ 60.00	$ 60.00	$ 57.00
G336	ADD: ANTENNA 1/4 WAVE 764-870MHZ	412		$ 11.20	$ 11.20	$ 11.20	$ 11.20	$ 11.20	$ 11.20	$ 11.20	$ 10.64
W61	ADD: KEY LOCK MOUNT	800		$ 28.40	$ 28.40	$ 28.40	$ 28.40	$ 28.40	$ 28.40	$ 28.40	$ 26.98
G91	ADD: CONTROL STATION POWER SUPPLY	800		$ 215.20	$ 215.20	$ 215.20	$ 215.20	$ 215.20	$ 215.20	$ 215.20	$ 204.44
G798	ADD: CONTROL STATION BASE MOUNT	775		$ 38.40	$ 38.40	$ 38.40	$ 38.40	$ 38.40	$ 38.40	$ 38.40	$ 36.48
W470	ADD: EXTERNAL EMERGENCY FOOTSWITCH	800		$ 44.80	$ 44.80	$ 44.80	$ 44.80	$ 44.80	$ 44.80	$ 44.80	$ 42.56
W688	ADD: EXTERNAL EMERGENCY PUSHBUTTON	800		$ 44.80	$ 44.80	$ 44.80	$ 44.80	$ 44.80	$ 44.80	$ 44.80	$ 42.56
W382	ALT: CONTROL STATION MICROPHONE	800		$ 135.20	$ 135.20	$ 135.20	$ 135.20	$ 135.20	$ 135.20	$ 135.20	$ 128.44
W20	ALT: TELEPHONE INTERCONNECT/PH	814		$ 144.00	$ 144.00	$ 144.00	$ 144.00	$ 144.00	$ 144.00	$ 144.00	$ 136.80
G779	ADD: PRINTED TEST RESULTS	800		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
E.x.2	Delete antenna kit, refer to section 1.12.1			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
G89	ADD: NO ANTENNA NEEDED	412	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
E.x.3	Delete power harness, refer to section 1.12.1		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.x.4	Delete brackets, refer to section 1.12.1		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.x.5	Delete external speaker, refer to section 1.12.1			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.x.3	Delete power harness, refer to section 1.12.1		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.x.4	Delete brackets, refer to section 1.12.1		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.x.6	Delete user manual, refer to section 1.12.1		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
E.x.7	Delete hardware, refer to section 1.12.1. Attach price sheets.			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Baseline Model: XTL 1500 (Dash Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	APC	Base	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	(Special Offer)

Exhibit Q

890				$ 80.00	$ 80.00	$ 80.00	$ 80.00	$ 80.00	$ 80.00	$ 80.00	$ 75.00		
	DEL: ACCESSORIES	412	$100.00										
E.x.8	Delete features, refer to section 1.12.1. Attach price sheets.			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
E.x.9	Test and Programming Equipment, refer to section 1.2.4 and 1.11.2. Attach price sheets.		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
E.x.10	Test and Programming Cables, refer to section 1.11.2. Attach price sheets.			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
E.x.11	Test and Programming Software, refer to section 1.11.2. Attach price sheets.			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
E.x.12	Maintenance training, refer to section 1.7. Attach price sheets.			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
E.x.13	User training, refer to section 1.7. Attach price sheets.			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
E.x.14	Extended warranty term options, refer to section 1.8.1. Attach price sheets.			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
	Baseline Model: XTL 1500 (Dash Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	APC	Base	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	(Special Offer)		
E.x.15	Necessary firmware/software fix per unit, refer to section 1.5.3.1			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
E.x.16	Optional upgrade per unit, refer to section 1.5.3.2			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
E.x.17	Upgrade price (bulk), refer to section 1.5.3.3			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
E.x.18	Lifetime software per unit, refer to section 1.5.3.4			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
E.x.19	Other firmware/software prices, refer to section 1.5.1. Attach price sheets.			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
E.x.20	On-site programming and testing, refer to section 1.6.1. Attach price sheets.			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
				$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00	$ 25.00		
	PER UNIT ON-SITE PROGRAMMING (SEE SECTION 13 FOR DETAILS)		$25.00										
E.x.21	TNC connector option, refer to section 8.6.3			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
E.x.22	BNC connector option, refer to section 8.6.3			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
	Baseline Model: XTL 1500 (Dash Mount) - All items listed below are options available when ordering the radio. The attached catalog sheet includes items that can be ordered independent of the radio.	APC	Base	(Qty 1-9)	(Qty 10-49)	(Qty 50-99)	(Qty 100-499)	(Qty 500-999)	(Qty 1000-4999)	(Qty 5000 and above)	(Special Offer)		
E.x.23	Optional RF power capability, refer to section 8.7. Attach price sheets.			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		

Exhibit 9

E.x.2 4	Optional control hand, refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -			
E.x.2	Optional control hand, refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -			
E.x.2 5	Optional control cables, refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -			
E.x.2	Optional control cables, refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -			
E.x.2 6	Optional control head cable lengths, refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -			
E.x.2 7	Optional microphones, refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -			
E.x.2 8	Optional loud speakers refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -			
E.x.2 9	Optional power cables, refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -			
E.x.2 0	Optional installmounting hardware, refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -			
E.x.2 6	Optional control head cable lengths, refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -			
E.x.2 7	Optional microphones, refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -			
E.x.2	Optional loud speakers refer to section 8.7. Attach price sheets.				$ -	$ -	$ -	$ -	$ -	$ -	$ -			

Exhibit B
XTL 1500 Accessories

A discount of 30% can be applied to all items listed except those with the following APC codes, 557, 964,606,185,261,262,371 & 415. Radio Service Software, Test Equipment and Shop Supplies are also excluded from discounting.

Antennas

Description	Nomenclature	APC	Price
ANT 3DB LOW-PROFILE 762-870	HAF4013	500	$43.00
ANT 3DB ELEVATED FEED 762-870	HAF4014	500	$75.00
ANT 1/4 WAVE 762-870MHZ	HAF4016	500	$20.00
ADD: ANT 3DB COLLINEAR 762-870	HAF4017	500	$38.00

Cable (s)

Description	Nomenclature	APC	Price
POWER CABLE, 10 FT. (LOW/MID POWER) 30 & 35 WATT	HKN4191	412	$18.00
CABLE KIT 6' DATA	HKN6160	476	$50.00
CABLE, CH PROGRAMMING (RS-232)	HKN6183	514	$63.25

Control Stations

Description	Nomenclature	APC	Price
MOBILE DESK TRAY	HLN6042	617	$77.00
POWER SUPPLY 14V DC 10 AMP 117/240 VAC CONTROL STATION	HPN4001	189	$296.00

A discount of 30% can be applied to all items listed except those with the following APC codes, 557, 964,606,185,261,262,371 & 415. Radio Service Software, Test Equipment and Shop Supplies are also excluded from discounting.

Customer Programming Software

Description	Nomenclature	APC	Price
CABLE, CH PROGRAMMING (RS-232)	HKN6183	514	$63.25
SOFTWARE FOR ASTRO 25 MOBILE CD FORMAT; VERSION R01.00.00 CD format. Software will program ASTRO Digital Spectra Plus and XTL5000 Mobile Radios. Provides 3yrs worth of support.	RVN4185	371	$265.00
SOFTWARE FOR ASTRO 25 PORTABLE/MOBILE 2 CD SET; VERSION R01.00.00 CD Format. Comes with 2 CDs containing RVN4185 & RVN4181. Provides 3yrs worth of support. To program HIGH POWER XTL5000 Mobile Radios HKN6183 cable is required. To program Low/Mid power XTL5000 mobile radios HKN6155 cable is required.	RVN4186	371	$375.00

Emergency

Description	Nomenclature	APC	Price
EMERGENCY FOOT SWITCH	HLN5113	604	$56.00
PUSHBUTTON EXTERNAL EMERGENCY	HLN6188	617	$56.00

Microphones

Description	Nomenclature	APC	Price
MICROPHONE ENHANCED PALM MOTORCYCLE	HMN1079	476	$72.00
MICROPHONE ENHANCED PALM Compatible with W4, W5, and W7 Control Heads. Not compatible with Remote Monitor Option.	HMN1080	476	$72.00
MIC ASTRO SYS 9000 Compatible with W9 control Head. Not compatible with remote Monitor Option.	HMN1081	706	$78.50

Exhibit R

A discount of 30% can be applied to all items listed except those with the following APC codes, 557, 964,606,185,261,262,371 & 415. Radio Service Software, Test Equipment and Shop Supplies are also excluded from discounting.

Speakers

Description	Nomenclature	APC	Price
SPEAKER, STANDARD EXTERNAL 7.5W REMOTE Requires HKN6127 adaptor cable for dash mount compatibility.	HSN4031	476	$45.00

Manuals

Description	Nomenclature	APC	Price
USER GUIDE XTL 5000 W4 W5 W7	6881096C68	500	$14.25
MANUAL, INSTALLATION	6881096C72	362	$15.00
MANUAL, BASIC SERVICE	6881096C73	001	$21.75
MANUAL, DETAILED SERVICE XTL 5000	9985086F01	001	$31.75
MANUAL, XTL 5000 FINISHED GOOD, TRAIN, CD	9985086F02	001	$16.50
USER GUIDE, FINISHED GOOD,TRAIN, CD	9985086F03	001	$11.00

Miscellaneous

Description	Nomenclature	APC	Price
KEY LOCK MOUNTING	HLN6372	304	$40.00

City of Phoenix
INFORMATION TECHNOLOGY DEPARTMENT

December 13, 2006

Michael Paz
Motorola GEMS
2501 S Price Road, MD: G2150
Chandler, AZ 85248

Dear Michael:

SUBJECT: Amendment Nine to Agreement No. P-7288-05

Enclosed for your files is a fully executed original of the above-referenced document.

If I may be of further assistance, please contact me at (602) 261-8481 or via e-mail at *gloria.elliott@phoenix.gov*

Sincerely,

Gloria Elliott
Contracts Specialist

Enclosure

C: Rick Kolker
Bill Phillips
Larry Jue

City of Phoenix

AGREEMENT BETWEEN
THE CITY OF PHOENIX
AND
MOTOROLA, INC.

AGREEMENT NO. P-7288-05, AMENDMENT NINE

This Amendment Nine to Agreement No. P-7288-05 (the "Agreement") is made this 20th day of November, 2006, (the "Effective Date"), by and between Motorola, Inc. ("Motorola") and the City of Phoenix ("City"). The Agreement shall be amended as follows:

1. **Section 3.7 TERM**, shall be modified as follows:

   Unless otherwise terminated in accordance with the provisions of this Agreement or extended by mutual agreement of the parties, the term of this Agreement shall begin on the Effective Date, and continue through December 1, 2007. Phoenix may, at its option and with Motorola's approval, extend the period of this Agreement up to one (1) additional one-year terms.

2 **Section 5.1 Contract Price**
   This Agreement does not require the purchase of a minimum number of Products; All Products under this Agreement are offered according to Prices listed in Attachment E, Quantity Level 500-999 included in Motorola's Proposal.

2. **EXHIBIT B, Quantity Purchase Agreement, Section 3, Scope of Agreement and Term,** shall be modified as follows:

   3.1 SCOPE OF AGREEMENT, The Quantity Purchase Agreement will expire on December 1, 2006 and is not renewed.

Other than the amended terms set forth herein, the terms and conditions of the Agreement shall remain unchanged and in full force and effect.

MOTOROLA, INC.

By: _____ 11/20/06
(date)

Printed Name: LARRY MABRY
Title: MSSE VICE PRESIDENT

CITY OF PHOENIX, a municipal corporation
FRANK A. FAIRBANKS, City Manager

By: _____ for F.A.F. 11/30/06
Kristine Sigfridson (date)
Acting Chief Information Officer

ATTEST:

_____
City Clerk

APPROVED AS TO FORM:

Margaret Wilson
Acting City Attorney

Lonnie Cunico - MMX

From: Wagner Sandra-C11546 [S.Wagner@motorola.com]
Sent: Monday, January 08, 2007 1:23 PM
To: Lonnie Cunico - MMX
Subject: FW: Phoenix 800 MHz Subscriber Contract renewal.
Importance: High
Attachments: Phoenix 1.pdf

Lonnie, Attached is the amendment to the Phx Contract. Below are the new discounts relating to the contract.
Sandy

The discounts for the various radios are as follows:

XTL 5000 (Remote)	**28.0%**
XTL 2500 (Remote)	**28.0%**
XTL 5000 (Dash)	**28.0%**
XTL 2500 (Dash)	**28.0%**
XTL 1500 (Dash)	**20.0%**
XTS 5000 800MHz (Port)	**30.0%**
XTS 5000 800/700MHz (Port)	**30.0%**
XTS 2500 (Port)	**23.5%**
XTS 1500 (Port)	**20.0%**
XTL5000 (Control)	**20.0%**

M