

RADIUS MOBILE ACCESSORIES

	MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
	Microphones & Accessories:		
X	HMN3413	Compact Microphone with 7 Ft. Coil Cord & Hang-Up Clip	\$39.50
X	HMN3596	Compact Microphone with 7 Ft. Coil Cord	\$38.50
X	HMN1035	Heavy Duty Palm Microphone with 10.5 Ft. Coil Cord	\$81.50
X	AAREX4617	Telephone Style Handset with Hang-Up Cup	\$132.00
X	HLN9073	Microphone Hang-Up Clip (all microphones)	\$1.10
X	HLN9414	Universal Hang-Up Clip (all microphones)	\$7.70
X	RMN5029	Enhanced Keypad Microphone & Hang-Up Clip	\$88.50
	Handsfree Accessories:		
X	AARMN4027	Visor Mounted Microphone	\$21.50
X	RLN4856	Footswitch PTT	\$61.75
X	RLN4857	Pushbutton PTT	\$38.50
X	RLN4858	Gooseneck PTT	\$76.00
X	RLN4836_R	Emergency Footswitch	\$61.75
	General Accessories:		
X	HSN8145	7.5 Watt External Speaker - for Receiver Audio	\$47.50
X	RSN4001	13 Watt External Loudspeaker	\$66.00
	Mounting Accessories:		
X	GLN7324	Low Profile Mounting Bracket (VHF, UHF, 200 MHz & 700 MHz)	\$13.25
X	GLN7317	High Profile Mounting Bracket (VHF, UHF, 200 MHz & 700 MHz)	\$21.00
X	RLN4779	Key Lock Mounting Bracket (VHF, UHF, 200 MHz & 700 MHz)	\$33.00
X	HLN9227	8" Goose Neck Mounting Bracket	\$28.75
	Installation Accessories:		
X	HKN4137_R	15 Amp Low Power Cable to Battery (VHF, UHF, 200 MHz & 700 MHz)	\$18.00
X	HKN4191	20 Amp High Power Cable to Battery	\$18.00
X	HKN9327_R	Ignition Switch Cable (CM200 & CM300 requires HLN9242)	\$9.90
X	HLN9242	16-Pin Accessory Kit with Expanded Connector (kit allows existing 16 pin connector accessories to be modified for enhanced connector reliability) when used with CM & SM Series or M1225 mobiles. Includes 9 wires with lugs, 1 connector housing, 16 crimping terminals, 2 tie straps and 1 extraction tool)	\$5.65

RADIUS MOBILE

Date 1/9/06

ACCESSORIES

GM200/ GM300	MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
Public Address and Accessories:			
X	RLN5288	Public Address Kit - includes interface cable (requires HSN1000 speaker)	\$419.00
X	HKN9324_R	15 Ft. Public Address & Speaker Cable (one cable per speaker)	\$44.00
X	HSN1000	6 Watt Amplified External Speaker	\$109.00
Alarm Accessories:			
X	HLN9328	External Alarm Relay Cable - horn & lights	\$55.00
X	GLN7282	Alarm Buzzer	\$46.25
Antennas:			
X	RAD4000	Antenna Only (less cable & install hardware) - Standard Duty, 136-174 MHz	\$43.50
X	HAD4006	VHF 1/4 Wave Roof Mount Antenna, 136-144 MHz	\$19.50
X	HAD4007	VHF 1/4 Wave Roof Mount Antenna, 144-152 MHz	\$19.50
X	HAD4008	VHF 1/4 Wave Roof Mount Antenna, 150.8-162 MHz	\$19.50
X	HAD4009	VHF 1/4 Wave Roof Mount Antenna, 162-174 MHz	\$19.50
X	RAD4000AMB	VHF 3dB Gain Magnetic Mount Antenna, 140-174 MHz	\$58.50
X	HAE4003	UHF 1/4 Wave Roof Mount Antenna, 450-470 MHz	\$20.00
X	TAE6053	UHF 1/4 Wave Roof Mount Antenna, 430-450 MHz	\$20.00
X	RAE4004ARB	UHF 5dB Gain Roof Mount Antenna, 450-470 MHz	\$57.00
X	RAE4004AMB	UHF 5dB Gain Magnetic Mount Antenna, 440-470 MHz	\$57.00
Control Station Accessories:			
For a properly equipped control station, you should order one each of the following items as required for each dispatch location: mobile holder, power supply, desk microphone, mobile radio, control station cable and mini-U antenna adapter.			
X	HPN4002	Power Supply and Cable (1-25 Watt Models)	\$264.00
X	HPN4001	Power Supply and Cable (25-60 Watt Models)	\$296.00
X	HKN9455	12V Power Cable for High Power Control Station 25-60W	\$22.00
X	HKN4139	12V Power Cable for Low Power Control Station 1-25W	\$21.00
X	HMN3000	Desk Microphone, Black	\$120.00
X	RLN5390	Desktop Tray with Speaker	\$81.00
X	RLN5391	Desktop Tray without Speaker	\$51.50
Mobile Data Units Section:			
Terminals:			
X	RDN7368	Mobile Display Terminal - Mobile messaging device equipped with a data modem. This unit features a 4x40 backlit LCD display and the keypad allows users to send information to the dispatcher in response to base instructions.	\$699.00
X	RDN7738	Serial Breakout Unit (used in multiple applications that will allow up to 8 base modems to be connected)	\$1,200.00
X	RDN7367	Mobile Display Terminal with GPS - Mobile display terminal equipped with an Automatic Vehicle Location (AVL) device compatible with Global Positioning system (GPS).	\$1,049.00
X	RDN7369	Standalone Modem & GPS - Cost efficient Automatic Vehicle Location (AVL) device compatible with Global Positioning System (GPS).	\$599.00

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RADIUS MOBILE ACCESSORIES

GM200/ CH300	MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
Mobile Data Units Section continued:			
Radio Interface Cables: One radio interface cable is required with purchase of each hardware device.			
X	RDN7739	3 Ft. Flying Cable (same as regular interface cable but omits connectors)	\$35.00
X	RDN7740	15 Ft. Flying Cable (same as regular interface cable but omits connectors)	\$45.00
Global Positioning System (GPS) Antennas: Antenna is required with purchase of any GPS unit.			
X	RDN7372	Fixed Mount GPS Active Antenna	\$95.00
X	RDN7375	Magnetic Mount GPS Active Antenna	\$90.00
Software:			
X	RDN7378	AVL Messaging Status Software - Mapping software that provides the user with Automatic Vehicle Location to track vehicles along with message dispatch and status tracking capability.	\$2,200.00
X	RDN7374	Programming Software - Used for mobile data units.	\$125.00
X	RDN7377	Regional Map Software - Will allow up to 10 selected US counties.	\$599.00
Miscellaneous:			
X	RDN7364	Radio Channel Card - A radio channel controller and modem that interface with the base radio. Required with every radio channel or wireless circuit used within the system.	\$999.00
X	RDN7380	Mobile Programming Hardware	\$200.00
Service Accessories:			
X	RVN4191	Portable & Mobile Programming Software (CPS) - 3 Year Subscription Package - Portables require AAPMKN4004 Programming/Test Cable. Mobiles require one of the following Programming Cables & Adapter: AARKN4081 Programming Cable with FKN8096 Program Adapter, 3080070N01 Programming Cable with FKN8096 Program Adapter or AARKN4083 Programming Cable with FKN8113 Program Adapter Note: Software requires a license agreement and is not intended for resale.	\$199.00
X	RLN4008	Radio Interface Box (RIB) Voltage Level Shifter to enable communications between radio and the computer's RS232 communications adapter. Requires the wall mount power serial supply or 10-18 VDC power sources.	\$200.00
X	0180357A57	120 Volt - Wall Mount Power Supply Supplies power to the RIB. Order power supply for radio separately.	\$24.25
X	FKN8096	Flash/Data Adapter (for use with AARKN4081 or 3080070N01)	\$54.00
X	FKN8113	Adapter Cable (for use with AARKN4083)	\$43.00
X	AARKN4081	Programming Cable with Internal RIB (direct connection from computer to radio microphone connector)	\$150.00
X	AARKN4083	Programming Cable (allows radio programming via rear accessory connector)	\$74.00
X	3080070N01	Programming Cable (connection from RIB to radio)	\$65.25

RADIUS MOBILE ACCESSORIES

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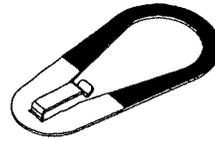
CM200/ CM300	MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
Service Accessories continued:			
X	RLN4460	Test Box for Portables and Mobiles Enables connection to the universal connector. Allows switching for radio testing.	\$395.00
X	6680334F39	Allen Wrench for Antenna Connector Set Screw	\$5.00
X	3080369B72	9 Pin PC to Radio Interface Box Cable (IBM AT or compatible)	\$52.00
X	3080369B71	25 Pin PC to Radio Interface Box Cable (IBM XT or compatible)	\$62.00
X	6680388A26	Mobile Crimping Tool	\$45.00
Manuals:			
X	6802966C15	CM200/CM300/PM400 Basic Service Manual	\$18.00
X	6802966C20	CM200/CM300/PM400 VHF Detailed Service Manual	\$25.00
X	6881098C00	CM200/CM300/PM400 UHF Detailed Service Manual	\$25.00
Fixed Accessories:			
See Section 4 for Additional Accessories.			

RADIUS MOBILES ACCESSORIES

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HMN1035
Heavy Duty Palm Mic.
with 10.5 Ft. Coil Cord



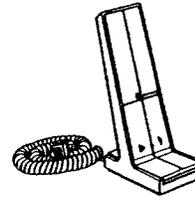
HLN9414
Universal Hang-Up Clip

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HLN9227
8" Goose Neck Mounting
Bracket

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HMN3000
Desk Microphone

TRUNKED MOBILE - PRIVACY PLUS™ ACCESSORIES

Date 1/9/06

SUGGESTED RETAIL

GTX	MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
Microphones & Accessories:			
X	HMN3413	Compact Microphone with 7 Ft. Coil Cord & Hang-Up Clip	\$39.50
X	HMN1035	Heavy Duty Palm Microphone with 10.5 Ft. Coil Cord	\$81.50
X	HMN4016	Noise Cancelling Microphone	\$201.00
X	HMN3013	DTMF Non-Backlit Microphone with Hang-Up Clip (800 MHz Only)	\$209.00
X	AAREX4617	Telephone Style Handset with Hang-Up Cup	\$132.00
X	HLN9073	Microphone Hang-Up Clip (all microphones)	\$1.10
General Accessories:			
X	HSN9326	5 Watt External Speaker for receiver audio (requires 16 pin options connector)	\$47.50
X	FSN5510	7.5 Watt External Speaker	\$49.50
X	GKN6272_R	External Alarm Relay and Cable	\$55.00
Antennas:			
X	HAF4002	806-900 MHz, 1/4 Wave Roof Mount Antenna	\$14.00
X	RRA4983	806-900 MHz, 3dB Roof Mount Stainless Steel Antenna, Mini-UHF & Low Loss Cable	\$49.00
X	RRA4914	806-900 MHz, 3dB Roof Mount Stainless Steel Antenna	\$38.00
X	RRA4935	900 MHz, 3dB Gain Antenna with 14 Ft. Cable	\$30.00
Installation Accessories:			
X	GKN6270	Power Cable with 10A Fuse	\$25.00
X	GKN6271	Ignition Switch Cable	\$9.90
X	HKN4191	Mobile Power Cable	\$18.00
X	HKN9557	PL259/Mini-U Antenna Adapter - 8" cable (not recommended for 800 MHz)	\$12.00
X	2880376E84	Mini-U Connector (all bands)	\$3.40
Mounting Accessories:			
X	HLN9640	Non-Locking Bracket	\$20.00
Control Station Accessories: The Control Station package includes: power supply, adapter cable, black desk microphone and base tray.			
X	RLN4834	GTX Control Station Package for 30 and 35 Watt High Power models. Package includes: an adapter cable, base tray, black desk microphone and power supply.	\$407.00
X	HMN3000	Desk Microphone, Black	\$120.00
X	GLN7318	Desktop Tray without Speaker	\$40.00
X	HPN4001	Power Supply and Cable (25-60 Watt Models)	\$296.00
X	HKN9088	Mobile Mini-U Antenna Adapter - 8 Ft. Cable	\$40.25
Service Accessories:			
X	RVN4150	Radio Service Software (includes 3.5" disk & manual)	\$265.00
X	3080070N01	MaraTrac & GTX Mobile Radio Service Software Programming Cable	\$65.25
X	RLN4008	Radio Interface Box (RIB)	\$200.00
X	6880907Z19	GTX Mobile User Manual - Privacy Plus™ (includes Quick Reference Cards)	\$16.25

Date 1/9/06

TRUNKED MOBILE - LTR® ACCESSORIES

SUGGESTED RETAIL

GTX	MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
Microphones & Accessories:			
X	HMN3413	Compact Microphone with 7 Ft. Coil Cord & Hang-Up Clip	\$39.50
X	HMN1035	Heavy Duty Palm Microphone with 10.5 Ft. Coil Cord	\$81.50
X	HMN3013	DTMF Non-Backlit Microphone with Hang-Up Clip (800 MHz Only)	\$209.00
X	AAREX4617	Telephone Style Handset with Hang-Up Cup	\$132.00
X	HLN9073	Microphone Hang-Up Clip (all microphones)	\$1.10
General Accessories:			
X	HSN9326	5 Watt External Speaker for receiver audio (requires 16 pin options connector)	\$47.50
X	FSN5510	7.5 Watt External Speaker	\$49.50
X	GKN6272_R	External Alarm Relay and Cable	\$55.00
Antennas:			
X	HAF4002	806-900 MHz, 1/4 Wave Roof Mount Antenna	\$14.00
X	RRA4983	806-900 MHz, 3dB Roof Mount Stainless Steel Antenna, Mini-UHF & Low Loss Cable	\$49.00
X	RRA4914	806-900 MHz, 3dB Roof Mount Stainless Steel Antenna	\$38.00
Installation Accessories:			
X	GKN6270	Power Cable with 10A Fuse	\$25.00
X	GKN6271	Ignition Switch Cable	\$9.90
X	HKN4191	Mobile Power Cable	\$18.00
X	2880376E84	Mini-U Connector (all bands)	\$3.40
Mounting Accessories:			
X	HLN9640	Non-Locking Bracket	\$20.00
Control Station Accessories:			
The Control Station package includes: power supply, adapter cable, black desk microphone and base tray.			
X	RLN4834	GTX Control Station Package for 30 and 35 Watt High Power models. Package includes: an adapter cable, base tray, black desk microphone and power supply.	\$407.00
X	HMN3000	Desk Microphone, Black	\$120.00
X	GLN7318	Desktop Tray without Speaker	\$40.00
X	HPN4001	Power Supply and Cable (25-60 Watt Models)	\$296.00
X	HKN9088	Mobile Mini-U Antenna Adapter - 8 Ft. Cable	\$40.25
Service Accessories:			
X	RVN4150	Radio Service Software (includes 3.5" disk & manual)	\$265.00
X	3080070N01	MaraTrac & GTX Mobile Radio Service Software Programming Cable	\$65.25
X	RLN4008	Radio Interface Box (RIB)	\$200.00
Service Manuals:			
X	6880907Z20	GTX Mobile User's Guide - LTR® (includes Quick Reference Card)	\$16.25

Section 1.1-Mobile Antennas-Page 1

Date 1/9/06

SPECTRUM™ LOW BAND/HIGH BAND MOBILE ANTENNAS

Manufactured By Motorola

SUGGESTED RETAIL

MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
SPECTRUM™ LOW BAND ANTENNAS - BASE LOADED		
Frequency Range:	30-50 MHz	Gain: Unity
Power:	100 Watts Max.	Cable: RG58A/U
NOTE:	All mounts are with RG58 A/U Coaxial cable	VSWR: Less than 1.5:1 Impedance: 50 Ohms, nominal

PL259 Connector:

RAB4004ARA	Roof Mount, Standard Duty, 42-50 MHz	\$47.00
RAB4012ARA	Roof Mount, Rugged Duty, 30-36 MHz	\$55.00
RAB4013ARA	Roof Mount, Rugged Duty, 36-42 MHz	\$55.00
RAB4014ARA	Roof Mount, Rugged Duty, 42-50 MHz	\$55.00
RAB4004	Antenna Only (Less cable & install hardware) - Standard Duty, 42-50 MHz	\$37.00
RAB4012	Antenna Only (Less cable & install hardware) - Rugged Duty, 30-36 MHz	\$45.00
RAB4013	Antenna Only (Less cable & install hardware) - Rugged Duty, 36-42 MHz	\$45.00
RAB4014	Antenna Only (Less cable & install hardware) - Rugged Duty, 42-50 MHz	\$45.00

SWIVEL BASE WITH SPRING - QUARTER WAVE

Frequency Range:	25-54 MHz	Gain: Unity	VSWR: Less than 1.5:1
Power:	250 Watts Max.	Cable: RG58A/U	Impedance: 50 Ohms, nominal
NOTE:	All mounts are with RG58 A/U Coaxial cable		

TAB1002	Stainless Steel, 8 Ft. Cable, 30-54 MHz	\$165.00
TAB1012	Stainless Steel, 20 Ft. Cable, 30-54 MHz	\$170.00

SPECTRUM™ ACCESSORIES**THESE ANTENNAS CANNOT BE USED FOR BROADBAND APPLICATIONS.****PL259 Connector:**

0180352A03	Roof Mount, PL259, 17 Ft. Cable	\$17.25
0180355A85	Trunk Lip Mount, PL259, 17 Ft. Cable	\$29.75

Mini-UHF Connector Connector:

0180355A80	Magnet Mount, Mini UHF, 12 Ft. Cable	\$28.50
0180351A98	Roof Mount, Mini UHF, 17 Ft. Cable	\$11.50
0180355A88	Trunk Lip Mount, Mini UHF, 17 Ft. Cable	\$18.50

Miscellaneous:

0180358A04	Spring	\$8.00
4780385B68	Whip	\$8.75

SPECTRUM™ HIGH BAND ANTENNAS - BASE LOADED 3dB

Frequency Range:	136-174 MHz	VSWR: Less than 1.5:1	Gain: 3dB
Power:	150 Watts Max.	Impedance: 50 Ohms, nominal	Cable: RG58A/U

PL259 Connector:

RAD4010ARA	Roof Mount, Rugged Duty, 136-174 MHz	\$58.50
RAD4010AMA	Magnet Mount, Rugged Duty, 136-174 MHz	\$66.50

Mini-UHF Connector:

RAD4000ARB	Roof Mount, Standard Duty, 136-174 MHz	\$50.50
RAD4010ARB	Roof Mount, Rugged Duty, 136-174 MHz	\$58.50
RAD4000AMB	Magnet Mount, Standard Duty, 136-174 MHz	\$58.50
RAD4010AMB	Magnet Mount, Rugged Duty, 136-174 MHz	\$66.50
RAD4000	Antenna Only (less cable & install hardware) - Standard Duty, 136-174 MHz	\$43.50
RAD4010	Antenna Only (less cable & install hardware) - Rugged Duty, 136-174 MHz	\$50.50

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SPECTRUM™
HIGH BAND / UHF BAND
MOBILE ANTENNAS
 Manufactured By Motorola

SUGGESTED RETAIL

MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
HIGH BAND QUARTER WAVE ANTENNAS		
Frequency Range:	132-174 MHz	VSWR: Less than 1.5:1
Power:	150 Watts Max.	Impedance: 50 Ohms, nominal
		Gain: Unity

PL259 Connector:

TAD6112	Roof Mount, 144-152 MHz	\$19.50
TAD6113	Roof Mount, 152-162 MHz	\$19.50
TAD6114	Roof Mount, 162-174 MHz	\$19.50

Mini-UHF Connector:

HAD4007	Roof Mount, 144-152 MHz	\$19.50
HAD4008	Roof Mount, 152-162 MHz	\$19.50
HAD4009	Roof Mount, 162-174 MHz	\$19.50
0180352A06	Antenna Only, 144-152 MHz	\$7.00
0180352A07	Antenna Only, 152-162 MHz	\$7.00
0180352A08	Antenna Only, 162-174 MHz	\$7.00

HIGH BAND WIDE SPACE ANTENNAS

Frequency Range:	150-174 MHz	VSWR: Less than 1.5:1	Gain: Unity
Power:	150 Watts Max.	Impedance: 50 Ohms, nominal	Cable: RG58AU

PL259 Connector:

TAD6290	Roof Mount, PL259, 150-174 MHz	\$56.75
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SPECTRUM™ ACCESSORIES**PL259 Connector:**

0180352A03	Roof Mount, PL259, 17 Ft. Cable	\$17.25
0180355A85	Trunk Lip Mount, PL259, 17 Ft. Cable	\$29.75

Mini-UHF Connector:

0180355A80	Magnet Mount, Mini UHF, 12 Ft. Cable	\$28.50
0180351A98	Roof Mount, Mini UHF, 17 Ft. Cable	\$11.50
0180355A88	Trunk Lip Mount, Mini UHF, 17 Ft. Cable	\$18.50

Miscellaneous:

0180358A04	Spring	\$8.00
4780385B68	Whip	\$8.75

SPECTRUM™ MOBILE ANTENNAS - BASE LOADED 5dB

Frequency Range:	406-512 MHz	VSWR: Less than 1.5:1	Gain: 5dB
Power:	150 Watts Max.	Impedance: 50 Ohms, nominal	Cable: RG58AU

PL259 Connector:

RAE4014ARA	Roof Mount, Rugged Duty, 445-470 MHz	\$73.00
RAE4004	Antenna Only (less cable & install hardware) - Standard Duty, 445-470 MHz	\$49.00
RAE4014	Antenna Only (less cable & install hardware) - Rugged Duty, 445-470 MHz	\$65.00

Mini-UHF Connector:

RAE4004ARB	Roof Mount, Standard Duty, 445-470 MHz	\$57.00
RAE4014ARB	Roof Mount, Rugged Duty, 445-470 MHz	\$73.00
RAE4004AMB	Magnet Mount, Standard Duty, 445-470 MHz	\$57.00
RAE4004	Antenna Only (less cable & install hardware) - Standard Duty, 445-470 MHz	\$49.00
RAE4014	Antenna Only (less cable & install hardware) - Rugged Duty, 445-470 MHz	\$65.00

Section 1.1-Mobile Antennas-Page 3

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SPECTRUM™
UHF BAND/800/900 MHz BANDS
MOBILE ANTENNAS
 Manufactured By Motorola

SUGGESTED RETAIL

MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
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UHF 3.5dB GAIN

Frequency Range: 406-512 MHz	VSWR: Less than 2:1	Gain: 3.5dB
Power: 150 Watts Max.	Impedance: 50 Ohms, nominal	

PL259 Connector:

TAE6072	Roof Mount, 445-470 MHz	\$95.00
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Mini-UHF Connector:

HAE4011	Roof Mount, 445-470 MHz	\$68.00
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UHF QUARTER-WAVE

NOTE: Frequency Range, Power, Impedance - Same as UHF 3.5dB GAIN above. Gain: Unity Impedance: 50 Ohms, nominal

PL259 Connector:

TAE6052	Roof Mount, 450-470 MHz	\$20.00
TAE6054	Roof Mount, 494-512 MHz	\$20.00
RRA5554	Magnetic Mount, 450-470 MHz	\$25.00
0180352A09	Antenna Only (less cable & install hardware), 406-420 MHz	\$6.00
0180352A10	Antenna Only (less cable & install hardware), 445-470 MHz	\$6.00
0180352A11	Antenna Only (less cable & install hardware), 470-494 MHz	\$6.00

806-900 MHz 3dB GAIN ANTENNA

Frequency Range: 806-900 MHz	VSWR: Less than 1.5:1	Gain: 3dB
100 Watts Max.	Impedance: 50 Ohms, nominal	

PL259 Connector:

RRA4910	Roof Mount with RG58A/U-Stainless Steel	\$38.00
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Mini-U Connector:

RRA4914	Roof Mount, with RG58A/U-Stainless Steel	\$38.00
RRA4990	Roof Mount, with RG58A/U-Black Chrome	\$33.00
RRA4983	Roof Mount, with Low Loss-Stainless Steel	\$49.00
RRA4986	Roof Mount, with Low Loss-Black Chrome	\$42.00
RRA4921	Magnet Mount, with RG58A/U-Stainless Steel	\$47.00
RRA4976	Magnet Mount, with RG58A/U-Black Chrome	\$42.00
RRA4923	Trunk Lip Mount, with RG58A/U-Stainless Steel	\$47.00

TNC Connector:

RRA4915	Roof Mount, with RG58A/U-Stainless Steel	\$38.00
RRA4917	Roof Mount, with Low Loss-Stainless Steel	\$47.00

N Connector:

RRA4984	Roof Mount, with RG58A/U-Stainless Steel	\$38.00
0180372A90	Antenna Only-Stainless Steel	\$11.75
0180372A78	Antenna Only-Black Chrome	\$19.50

Section 1.1-Mobile Antennas-Page 4

Date 1/9/06

**SPECTRUM™ 800 & 900 MHz
MOBILE ANTENNAS & SPECIAL
APPLICATIONS & MINI MAG™
Manufactured By Motorola**

SUGGESTED RETAIL

MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
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800-900 MHz QUARTER-WAVE ANTENNAS

Frequency Range: 806-900 MHz VSWR: Less than 1.5:1 Gain: Unity
Power: 100 Watts Max Impedance: 50 Ohms, nominal

PL259 Connector:

TAF6041 Roof Mount, 14 Ft. Low Loss Cable, 806-900 MHz \$28.75

TNC Connector:

RRA4918 Roof Mount, 14 Ft. Low Loss Cable, 806-900 MHz \$38.50

Mini-U Connector:

HAF4002 Roof Mount, 14 Ft. RG58A/U, 806-900 MHz \$14.00

0180351A90 Antenna Only, 806-900 MHz with Chrome Nut \$4.50

890-960 MHz 3dB GAIN ANTENNAS

Frequency Range: 890-960 MHz VSWR: Less than 2:1 Gain: 3dB
Power: 100 Watts Max Impedance: 50 Ohms, nominal

RRA4935 Roof Mount, Mini-UHF, RG58A/U, 890-960 MHz \$30.00

RRA4936 Magnet Mount, Mini-UHF, RG58A/U, 890-960 MHz \$53.75

TRANSIT DOME STYLE ANTENNAS - LOW PROFILE

Frequency Range: 148-174, 450-512, 806-866 MHz Band Width: .5 MHz @ 1.5:1 Gain: Unity
Power: 150 Watts Max. High Band, UHF Impedance: 50 Ohms, nominal
100 Watts Max. 800 MHz

RRA4908 Antenna and Cable Kit, 806-866 MHz \$152.00

RRA4905 Antenna Only, 806-866 MHz \$56.00

RRA4738 Antenna and Cable Kit, 450-470 MHz \$96.00

RAILROAD ANTENNAS

Frequency Range: 152-174 MHz VSWR: Less than 1.5:1 Gain: Unity
Power: 150 Watts Max Impedance: 50 Ohms, nominal

TAD6010 Antenna and Cable Kit, 158-162 MHz \$290.00

CONNECTORS

2882021G01 PL259 Connector \$4.10

0980348B61 TNC Connector \$8.55

MINI MAG™

- Factory tuned & ready to install
- Requires no holes drilled
- Magnetic Mount
- Environmentally tested for temperature, humidity & corrosion
- For conventional & trunked 800 & 900 MHz mobile radios
- Two Year Warranty

Electrical Specifications:

Frequency Ranges : 806-860 MHz
Bandwidth: 60 MHz
Gain: 3dB
Power: 15 Watts Maximum
(Intermittent Duty)
VSWR: 1.2:1
Impedance: 50 Ohms nominal

Mechanical Specifications:

Material: Elastomer
Connector: Choice of Mini-UHF, SMA, BNC or TNC
Height: 8.3"
Weight: 5.5 oz.
2.3"
Base Diameter:

Mini-U Connector:

RAF4136AMM Black Antenna, 806-860 MHz \$47.00

iDEN™ MOBILE PRODUCTS

Date 1/9/06

SUGGESTED RETAIL

m100™/m370™/m470™/LM100™/LM2000™/c370™/c470™

			L						
			L M						
m	m	m	M	2	C	C			
1	3	4	1	0	3	4			
0	7	7	0	0	7	7			
0	0	0	0	0	0	0			
			MODEL NUMBER	DESCRIPTION		MANUF. SUGG. RETAIL PRICE			
Antennas:									
X	X	X	HAF4002	806-900 MHz, 1/4 Wave Roof Mount Antenna		\$14.00			
X	X	X	RAF4136AMM	806-860 MHz, 3dB Magnetic Mount Antenna, Mini-UHF and Cable		\$47.00			
X	X	X	RRA4921	806-900 MHz, 3dB Magnetic Mount Stainless Steel Antenna		\$47.00			
X	X	X	RRA4976	806-900 MHz, 3dB Magnetic Mount Black Chrome Antenna		\$42.00			
X	X	X	RRA4914	806-900 MHz, 3dB Roof Mount Stainless Steel Antenna		\$38.00			
X	X	X	RRA4983	806-900 MHz, 3dB Roof Mount Stainless Steel Antenna, Mini-UHF & Low Loss Cable		\$49.00			
X	X	X	RRA4986	806-900 MHz, 3dB Roof Mount Black Chrome Antenna, Mini-UHF & Low Loss Cable		\$42.00			
X	X	X	RRA4990	806-900 MHz, 3dB Roof Mount Black Chrome Antenna		\$33.00			
X	X	X	RRA4923	806-900 MHz, 3dB Trunk Lip Mount Stainless Steel Ant, Mini-UHF & RG58A/U Cable		\$47.00			
Audio Accessories:									
X	X	X	FLN2270	Handset (m370/m470/LM2000/c370/c470 Only)		\$412.00			
X	X	X	HMN4058	Compact Microphone (m100/LM100 Only)		\$40.00			
X	X	X	FMN1611	Visor Microphone		\$22.00			
X	X	X	NTN8378	Hang-Up Cup for Handset (m370/LM2000/c370/c470 Only)		\$14.00			
X	X	X	HSN4029	5.5" Dash Mount Speaker (m100/LM100 Only)		\$55.00			
X	X	X	HSN4030	5.5" Remote Mount Speaker (m370/m470/LM2000/c370/c470 Only)		\$55.00			
Cables:									
X	X	X	HKN6123	Replacement Cable, Connects Handset to Desktop Cradle (m370/m470/LM2000 Only)		\$117.00			
Miscellaneous:									
X	X	X	FLN8212	Radio Bracket		\$17.00			
Service Aids:									
X	X	X	RLN4008	Radio Interface Box (RIB)		\$200.00			
X	X	X	0180357A57	RIB Power Supply, 120V		\$24.25			
X	X	X	3080369B72	9 Pin PC to Radio Interface Box Cable (IBM AT or compatible)		\$52.00			

PROFESSIONAL MOBILE

Date 1/9/06

SUGGESTED RETAIL

ACCESSORIES

CDM750 / CDM1250 / CDM1550	MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
Microphones:			
X	AARMN4025	Standard Compact Microphone (Supports Remote Monitor)	\$47.25
X	HMN3413	Compact Microphone with 7 Ft. Coil Cord & Hang-Up Clip	\$39.50
X	HMN3596	Compact Microphone with 7 Ft. Coil Cord	\$38.50
X	AARMN4026	Enhanced Keypad Microphone (Supports Remote Monitor)	\$99.00
X	RMN5029	Enhanced Keypad Microphone & Hang-Up Clip	\$88.50
X	AARMN4038	Heavy Duty Microphone (Does Not Support Remote Monitor)	\$81.50
X	HMN1035	Heavy Duty Palm Microphone with 10.5 Ft. Coil Cord	\$81.50
X	AAREX4617	Telephone Style Handset with Hang-Up Cup	\$132.00
X	HLN9073	Microphone Hang-Up Clip (all microphones)	\$1.10
X	HLN9414	Universal Hang-Up Clip (all microphones)	\$7.70
Handsfree Accessories:			
X	AARMN4027	Visor Mounted Microphone	\$21.50
X	RLN4856	Footswitch PTT	\$61.75
X	RLN4857	Pushbutton PTT	\$38.50
X	RLN4858	Gooseneck PTT	\$76.00
Dual Control Heads & Remote Mounts (both power cable & remote mount cable are required)			
X	RLN5682	CDM Dual Control Head Interface Box	\$575.00
X	RLN5898	CDM750 Dual Control Head Kit (includes RLN5682)	\$775.00
X	RLN5899	CDM1250 Dual Control Head Kit (includes RLN5682)	\$807.00
X	RLN5900	CDM1550 Dual Control Head Kit (includes RLN5682)	\$885.00
X	RLN4801	Remote Mount Kit - CDM750 models (requires HKN4192 power cable)	\$93.50
X	RLN4802	Remote Mount Kit - CDM1250 & CDM1550 models (req. HKN4192 power cable)	\$93.50
X	RKN4077	Remote Mount Cable, 3 meter length	\$8.25
X	RKN4078	Remote Mount Cable, 5 meter length	\$10.50
X	RKN4079	Remote Mount Cable, 7 meter length	\$13.00

PROFESSIONAL MOBILE

Date 1/9/06

SUGGESTED RETAIL

ACCESSORIES

112400	CDM750 / CDM1250 / CDM1550	CDM1550-18	MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
Mounting Accessories:					
X			RLN4774	3 Point Mounting Bracket (LowBand)	\$20.00
X			GLN7324	Low Profile Mounting Bracket (VHF, UHF, 200 MHz & 700 MHz)	\$13.25
X			GLN7317	High Profile Mounting Bracket (VHF, UHF, 200 MHz & 700 MHz)	\$21.00
X			RLN4779	Key Lock Mounting Bracket (VHF, UHF, 200 MHz & 700 MHz)	\$33.00
X			RLN4781	Direct in Dashboard Mounting Kit (VHF, UHF, 200 MHz & 700 MHz)	\$23.25
			HLN9227	8" Goose Neck Mounting Bracket	\$28.75
Installation and Alarm Accessories:					
X			HKN4137_R	15 Amp Low Power Cable to Battery (VHF, UHF, 200 MHz & 700 MHz)	\$18.00
X			HKN4191	20 Amp High Power Cable to Battery	\$18.00
X			HKN4192	12V 20 Ft. Power Cable to Battery (all models)	\$38.33
			HLN9328	External Alarm Relay Cable - horn & lights	\$55.00
X			GKN6272_R	External Alarm Relay and Cable	\$55.00
X			RSN4001	13 Watt External Loudspeaker	\$66.00
X			HSN8145	7.5 Watt External Speaker - for Receiver Audio	\$47.50
X			RLN4836_R	Emergency Footswitch	\$61.75
			GLN7282	Alarm Buzzer	\$46.25
X			HKN9327_R	Ignition Switch Cable	\$9.90
X			HKN9557	PL259/Mini-U Antenna Adapter - 8" cable	\$12.00
			HLN9242	16-Pin Accessory Kit with Expanded Connector (kit allows existing 16 pin connector accessories to be modified for enhanced connector reliability) when used with CM & SM Series or M1225 mobiles. Includes 9 wires with lugs, 1 connector housing, 16 crimping terminals, 2 tie straps and 1 extraction tool)	\$5.65
X			HLN9457	Hardware Kit for use with the Expanded Accessory Connector (includes 16 connector pins, five (5) 8" wires with pins attached and an extra housing)	\$6.95
Mobile Data Units Section:					
Terminals:					
X	X	X	RDN7368	Mobile Display Terminal - Mobile messaging device equipped with a data modem. This unit features a 4x40 backlit LCD display and the keypad allows users to send information to the dispatcher in response to base instructions.	\$699.00
X	X	X	RDN7738	Serial Breakout Unit (used in multiple applications that will allow up to 8 base modems to be connected)	\$1,200.00
X	X	X	RDN7367	Mobile Display Terminal with GPS - Mobile display terminal equipped with an Automatic Vehicle Location (AVL) device compatible with Global Positioning system (GPS).	\$1,049.00
X	X	X	RDN7369	Standalone Modem & GPS - Cost efficient Automatic Vehicle Location (AVL) device compatible with Global Positioning System (GPS).	\$599.00
Radio Interface Cables: One radio interface cable is required with purchase of each hardware device.					
X	X	X	RDN7370	3 Ft. Interface Cable with 16 Pin Connector	\$45.00
X	X	X	RDN7376	15 Ft. Interface Cable with 16 Pin Connector	\$55.00
X	X	X	RDN7739	3 Ft. Flying Cable (same as regular interface cable but omits connectors)	\$35.00
X	X	X	RDN7740	15 Ft. Flying Cable (same as regular interface cable but omits connectors)	\$45.00

PROFESSIONAL MOBILE

Date 1/9/06

SUGGESTED RETAIL

ACCESSORIES

PH1400 CDM750 / CDM1250 / CDM1550	MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
Mobile Data Units Section Continued:			
Global Positioning System (GPS) Antennas: Antenna is required with purchase of any GPS unit.			
X	RDN7372	Fixed Mount GPS Active Antenna	\$95.00
X	RDN7375	Magnetic Mount GPS Active Antenna	\$90.00
Software:			
X	RDN7378	AVL Messaging Status Software - Mapping software that provides the user with Automatic Vehicle Location to track vehicles along with message dispatch and status tracking capability.	\$2,200.00
X	RDN7374	Programming Software - Used for mobile data units.	\$125.00
X	RDN7377	Regional Map Software - Will allow up to 10 selected US counties.	\$599.00
Miscellaneous:			
X	RDN7364	Radio Channel Card - A radio channel controller and modem that interface with the base radio. Required with every radio channel or wireless circuit used within the system.	\$999.00
X	RDN7380	Mobile Programming Hardware	\$200.00
Control Station Accessories:			
X	RLN5403	Mobile Control Station (requires 3080137S02 cable)	\$650.00
X	HMN3000	Desk Microphone, Black	\$120.00
X	GLN7326	Desktop Tray with Speaker	\$82.50
X	RLN5390	Desktop Tray with Speaker	\$81.00
X	RLN5391	Desktop Tray without Speaker	\$51.50
X	GLN7318	Desktop Tray without Speaker	\$40.00
X	HKN9455	12V Power Cable for High Power Control Station 25-60W	\$22.00
X	HKN4139	12V Power Cable for Low Power Control Station 1-25W	\$21.00
X	HKN9088	Mobile Mini-U Antenna Adapter - 8 Ft. Cable	\$40.25
X	HPN4008	Power Supply and Cable (1-25 Watt Models)	\$264.00
X	HPN4007	Power Supply and Cable (25-60 Watt Models)	\$296.00
Antennas:			
X	RAB4002ARB	Low Band 1/4 Wave Base Loaded Antenna, 29.7-36 MHz	\$47.00
X	RAB4003ARB	Low Band 1/4 Wave Base Loaded Antenna, 36-42 MHz	\$47.00
X	RAB4004ARB	Low Band 1/4 Wave Base Loaded Antenna, 42-50 MHz	\$47.00
X	RAD4000	Antenna Only (less cable & install hardware) - Standard Duty, 136-174 MHz	\$43.50
X	HAD4006	VHF 1/4 Wave Roof Mount Antenna, 136-144 MHz	\$19.50
X	HAD4007	VHF 1/4 Wave Roof Mount Antenna, 144-152 MHz	\$19.50
X	HAD4008	VHF 1/4 Wave Roof Mount Antenna, 150.8-162 MHz	\$19.50
X	HAD4009	VHF 1/4 Wave Roof Mount Antenna, 162-174 MHz	\$19.50
X	HAD4014	VHF 3dB Gain Roof Mount Antenna, 140-174 MHz	\$57.00
X	RAD4000AMB	VHF 3dB Gain Magnetic Mount Antenna, 140-174 MHz	\$58.50

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SUGGESTED RETAIL

ACCESSORIES

CDM750 / CDM1250 / CDM1550	MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
Antennas Continued:			
X	HAE4002	UHF 1/4 Wave Roof Mount Antenna, 403-430 MHz	\$20.00
X	TAE6053	UHF 1/4 Wave Roof Mount Antenna, 430-450 MHz	\$20.00
X	HAE4003	UHF 1/4 Wave Roof Mount Antenna, 450-470 MHz	\$20.00
X	HAE4004	UHF 1/4 Wave Roof Mount Antenna, 470-512 MHz	\$20.00
X	HAE4010	UHF 3.5dB Gain Roof Mount Antenna, 406-420 MHz	\$68.00
X	HAE4011	UHF 3.5dB Gain Roof Mount Antenna, 450-470 MHz	\$68.00
X	HAE4012	UHF 3.5dB Gain Roof Mount Antenna, 470-494 MHz	\$68.00
X	HAE4013	UHF 3.5dB Gain Roof Mount Antenna, 494-512 MHz	\$72.00
X	RAE4004AMB	UHF 5dB Gain Magnetic Mount Antenna, 440-470 MHz	\$57.00
X	RAE4004ARB	UHF 5dB Gain Roof Mount Antenna, 450-470 MHz	\$57.00
Public Address and Accessories:			
X	RLN5288	Public Address Kit - includes interface cable (requires HSN1000 speaker)	\$419.00
X	HKN9324_R	15 Ft. Public Address & Speaker Cable (one cable per speaker)	\$44.00
X	HSN1000	6 Watt Amplified External Speaker	\$109.00
Exchangeable Button Kits:			
NOTE: Other individual exchangeable buttons are available through RPSD. See Basic Service Manual for button numbers.			
X	RLN4829	Standard Button Kit, CDM750: MON, SCAN	\$3.15
X	RLN4831	Standard Button Kit, CDM1250, CDM1550, CDM1550•LS & CDM1550•LS+: MON, SCAN, CALL, HOME, PHONE	\$7.90
X	RLN5324	Standard Button Kit, CDM1550•LS & CDM1550•LS+: MON, SCAN, CALL, HOME, PHONE, ROAM, SITE	\$3.25
X	RLN4830	Button Kit, CDM1250, CDM1550, CDM1550 LS & CDM1550 LS+: ZONE, XPAND, HI/LO, VSTR, Emergency Icon	\$7.90
Retrofit Kits:			
X	AAHHLN4182	DTMF Decode Option Board - Field Install Only (only compatible with CDM1250 & CDM1550)	\$82.50
X	AAHLN9725	Voice Storage Option Board - Field Install Only	\$74.75
X	RLN4823	Mobile Option Board Installation Kit (required to install Option Boards)	\$16.50
X	6686119B01	Dismantling Tool	\$3.00

PROFESSIONAL MOBILE

Date 1/9/06

SUGGESTED RETAIL

ACCESSORIES

PM400 / CDM750 / CDM1250 / CDM1550	MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
Service and Programming Accessories:			
X	H5177	Portable & Mobile Programming Software Plus (CPS+) - 3 Year Subscription Package - HVN9025 includes CPS/PPCPS (PassPort® Customer Programming Software), CPS tutorial, reflashing tool and freq. finder application for the HT, EX, CDM & MTX-LS Series. HVN9067 for MTX Series Privacy Plus - includes HT & MTX Series Programming & Test Cable (AARKN4074). Also is compatible with RLN4460 used for radio testing. (HVN9025 is compatible with Windows® 95/98/2000 (SP3 or later version) / Millennium (ME) / Windows NT®. HVN9067 is compatible with Windows® 95/98/Windows NT®.) A Mobile Programming Cable (AARKN4081 or AARKN4083) must be purchased separately. Note: Software requires a license agreement and is not intended for resale.	\$299.00
	RVN4191	Portable & Mobile Programming Software (CPS) - 3 Year Subscription Package - Portables require AAPMKN4004 Programming/Test Cable. Mobiles require one of the following Programming Cables & Adapter: AARKN4081 Programming Cable with FKN8096 Program Adapter, 3080070N01 Programming Cable with FKN8096 Program Adapter or AARKN4083 Programming Cable with FKN8113 Program Adapter Note: Software requires a license agreement and is not intended for resale.	\$199.00
X	AARKN4081	Programming Cable with Internal RIB (direct connection from computer to radio microphone connector) (PM400 requires FKN8096)	\$150.00
X	AARKN4083	Programming Cable (allows radio programming via rear accessory connector) (PM400 - requires FKN8113)	\$74.00
X	3080070N01	Programming Cable (connection from RIB to radio) (PM400 - requires FKN8096)	\$65.25
X	FKN8096	Flash/Data Adapter (for use with AARKN4081 or 3080070N01)	\$54.00
X	FKN8113	Adapter Cable (for use with AARKN4083)	\$43.00
X	3080369B72	9 Pin PC to Radio Interface Box Cable (IBM AT or compatible)	\$52.00
X	RLN4460	Test Box for Portables and Mobiles	\$395.00
X	RLN4008	Radio Interface Box (RIB)	\$200.00
X	0180357A57	Wall Mounted Power Supply, 120V (for use with RLN4008)	\$24.25
X	0180305J69	Mobile Data Product Training CD	N/C
Manuals:			
X	6802966C15	CM200/CM300/PM400 Basic Service Manual	\$18.00
X	6802966C20	CM200/CM300/PM400 VHF Detailed Service Manual	\$25.00
X	6881098C00	CM200/CM300/PM400 UHF Detailed Service Manual	\$25.00
X	6881091C63-B	CDM Series Detailed Service Manual	\$28.25
X	6881091C62-D	CDM Series Basic Service Manual (English)	\$13.50

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SUGGESTED RETAIL

PROFESSIONAL TRUNKING

MOBILE ACCESSORIES

PM400	CDM1550LS	MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
Microphones:				
X		HMN3413	Compact Microphone with 7 Ft. Coil Cord & Hang-Up Clip	\$39.50
X		HMN3596	Compact Microphone with 7 Ft. Coil Cord	\$38.50
	X	AARMN4025	Standard Compact Microphone (Supports Remote Monitor)	\$47.25
	X	AARMN4026	Enhanced Keypad Microphone (Supports Remote Monitor)	\$99.00
X		RMN5029	Enhanced Keypad Microphone & Hang-Up Clip	\$88.50
	X	AARMN4038	Heavy Duty Microphone (Does Not Support Remote Monitor)	\$81.50
X		HMN1035	Heavy Duty Palm Microphone with 10.5 Ft. Coil Cord	\$81.50
X	X	AAREX4617	Telephone Style Handset with Hang-Up Cup	\$132.00
X		HLN9414	Universal Hang-Up Clip (all microphones)	\$7.70
X	X	HLN9073	Microphone Hang-Up Clip (all microphones)	\$1.10
Handsfree Accessories:				
X	X	AARMN4027	Visor Mounted Microphone	\$21.50
X	X	RLN4856	Footswitch PTT	\$61.75
X	X	RLN4857	Pushbutton PTT	\$38.50
X	X	RLN4858	Gooseneck PTT	\$76.00
Exchangeable Button Kits:				
NOTE: Other individual exchangeable buttons are available through CCSD. Please see Basic Service Manual for button numbers.				
	X	RLN4831	Standard Button Kit, CDM1250, CDM1550, CDM1550-LS & CDM1550-LS+: MON, SCAN, CALL, HOME, PHONE	\$7.90
	X	RLN5324	Standard Button Kit, CDM1550-LS & CDM1550-LS+: MON, SCAN, CALL, HOME, PHONE, ROAM, SITE	\$3.25
Mounting Accessories:				
X	X	GLN7324	Low Profile Mounting Bracket (VHF, UHF, 200 MHz & 700 MHz)	\$13.25
X	X	GLN7317	High Profile Mounting Bracket (VHF, UHF, 200 MHz & 700 MHz)	\$21.00
X	X	RLN4779	Key Lock Mounting Bracket (VHF, UHF, 200 MHz & 700 MHz)	\$33.00
X		HLN9227	8" Goose Neck Mounting Bracket	\$28.75
	X	RLN4781	Direct in Dashboard Mounting Kit (VHF, UHF, 200 MHz & 700 MHz)	\$23.25
Dual Control Heads & Remote Mounts (both power cable & remote mount cable are required)				
	X	RLN4802	Remote Mount Kit - CDM1250 & CDM1550 models (req. HKN4192 power cable)	\$93.50
	X	RKN4077	Remote Mount Cable, 3 meter length	\$8.25
	X	RKN4078	Remote Mount Cable, 5 meter length	\$10.50
	X	RKN4079	Remote Mount Cable, 7 meter length	\$13.00
	X	RLN5682	CDM Dual Control Head Interface Box	\$575.00
	X	RLN5898	CDM750 Dual Control Head Kit (includes RLN5682)	\$775.00
	X	RLN5899	CDM1250 Dual Control Head Kit (includes RLN5682)	\$807.00
	X	RLN5900	CDM1550 Dual Control Head Kit (includes RLN5682)	\$885.00
External Speakers:				
	X	RSN4001	13 Watt External Loudspeaker	\$66.00
	X	HSN8145	7.5 Watt External Speaker - for Receiver Audio	\$47.50

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SUGGESTED RETAIL

PROFESSIONAL TRUNKING

MOBILE ACCESSORIES

PM400	CDM16001S+	MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
Installation and Alarm Accessories:				
X	X	HKN4137_R	15 Amp Low Power Cable to Battery (VHF, UHF, 200 MHz & 700 MHz)	\$18.00
	X	HKN4192	12V 20 Ft. Power Cable to Battery (all models)	\$38.33
X		HKN4191	20 Amp High Power Cable to Battery	\$18.00
X		RSN4001	13 Watt External Loudspeaker	\$66.00
X		HSN8145	7.5 Watt External Speaker - for Receiver Audio	\$47.50
X		GLN7282	Alarm Buzzer	\$46.25
	X	GKN6272_R	External Alarm Relay and Cable	\$55.00
X		HLN9328	External Alarm Relay Cable - horn & lights	\$55.00
X	X	RLN4836_R	Emergency Footswitch	\$61.75
X	X	HKN9327_R	Ignition Switch Cable	\$9.90
	X	HKN9557	PL259/Mini-U Antenna Adapter - 8" cable	\$12.00
X		HLN9242	16-Pin Accessory Kit with Expanded Connector (kit allows existing 16 pin connector accessories to be modified for enhanced connector reliability) when used with CM & SM Series or M1225 mobiles. Includes 9 wires with lugs, 1 connector housing, 16 crimping terminals, 2 tie straps and 1 extraction tool)	\$5.65
	X	HLN9457	Hardware Kit for use with the Expanded Accessory Connector (includes 16 connector pins, five (5) 8" wires with pins attached and an extra housing)	\$6.95
Control Station Accessories:				
	X	RLN5403	Mobile Control Station (requires 3080137S02 cable)	\$650.00
X	X	HMN3000	Desk Microphone, Black	\$120.00
	X	GLN7326	Desktop Tray with Speaker	\$82.50
X		RLN5390	Desktop Tray with Speaker	\$81.00
	X	GLN7318	Desktop Tray without Speaker	\$40.00
X		RLN5391	Desktop Tray without Speaker	\$51.50
X		HKN4139	12V Power Cable for Low Power Control Station 1-25W	\$21.00
X		HKN9455	12V Power Cable for High Power Control Station 25-60W	\$22.00
	X	HKN9088	Mobile Mini-U Antenna Adapter - 8 Ft. Cable	\$40.25
X	X	HPN4008	Power Supply and Cable (1-25 Watt Models)	\$264.00
X	X	HPN4007	Power Supply and Cable (25-60 Watt Models)	\$296.00
Mobile Data Units: (only compatible in Conventional, LTR® and PassPort® Single Site Applications)				
Terminals:				
X	X	RDN7368	Mobile Display Terminal - Mobile messaging device equipped with a data modem. This unit features a 4x40 backlit LCD display and the keypad allows users to send information to the dispatcher in response to base instructions.	\$699.00
X	X	RDN7738	Serial Breakout Unit (used in multiple applications that will allow up to 8 base modems to be connected)	\$1,200.00
X	X	RDN7367	Mobile Display Terminal with GPS - Mobile display terminal equipped with an Automatic Vehicle Location (AVL) device compatible with Global Positioning system (GPS).	\$1,049.00
X	X	RDN7369	Standalone Modem & GPS - Cost efficient Automatic Vehicle Location (AVL) device compatible with Global Positioning System (GPS).	\$599.00

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SUGGESTED RETAIL

PROFESSIONAL TRUNKING

MOBILE ACCESSORIES

PM400	CDM1000LS	MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
Mobile Data Units continued: (only compatible in Conventional, LTR® and PassPort® Single Site Applications)				
Radio Interface Cables: One radio interface cable is required with purchase of each hardware device.				
	X	RDN7370	3 Ft. Interface Cable with 16 Pin Connector	\$45.00
	X	RDN7376	15 Ft. Interface Cable with 16 Pin Connector	\$55.00
X	X	RDN7739	3 Ft. Flying Cable (same as regular interface cable but omits connectors)	\$35.00
X	X	RDN7740	15 Ft. Flying Cable (same as regular interface cable but omits connectors)	\$45.00
Global Positioning System (GPS) Antennas: Antenna is required with purchase of any GPS unit.				
X	X	RDN7372	Fixed Mount GPS Active Antenna	\$95.00
X	X	RDN7375	Magnetic Mount GPS Active Antenna	\$90.00
Software:				
X	X	RDN7378	AVL Messaging Status Software - Mapping software that provides the user with Automatic Vehicle Location to track vehicles along with message dispatch and status tracking capability.	\$2,200.00
X	X	RDN7374	Programming Software - Used for mobile data units.	\$125.00
X	X	RDN7377	Regional Map Software - Will allow up to 10 selected US counties.	\$599.00
Miscellaneous:				
X	X	RDN7364	Radio Channel Card - A radio channel controller and modem that interface with the base radio. Required with every radio channel or wireless circuit used within the system.	\$999.00
X	X	RDN7380	Mobile Programming Hardware	\$200.00
Public Address:				
X	X	RLN5288	Public Address Kit - includes interface cable (requires HSN1000 speaker)	\$419.00
X	X	HKN9324_R	15 Ft. Public Address & Speaker Cable (one cable per speaker)	\$44.00
X	X	HSN1000	6 Watt Amplified External Speaker	\$109.00
Antennas:				
	X	HKAD4001	200 MHz 1/4 Wave Roof Mount Antenna, 216-225 MHz	\$32.00
	X	HKAD4002	200 MHz 5/8 Wave Roof Mount Antenna, 216-225 MHz	\$41.00
	X	HAF4012	700 MHz Mini U 1/4 Wave Roof Mount Antenna, 746-794 MHz	\$16.00
X		RAD4000	Antenna Only (less cable & install hardware) - Standard Duty, 136-174 MHz	\$43.50
	X	HAD4006	VHF 1/4 Wave Roof Mount Antenna, 136-144 MHz	\$19.50
X	X	HAD4007	VHF 1/4 Wave Roof Mount Antenna, 144-152 MHz	\$19.50
X	X	HAD4008	VHF 1/4 Wave Roof Mount Antenna, 150.8-162 MHz	\$19.50
X	X	HAD4009	VHF 1/4 Wave Roof Mount Antenna, 162-174 MHz	\$19.50
	X	HAD4014	VHF 3dB Gain Roof Mount Antenna, 140-174 MHz	\$57.00
X	X	RAD4000AMB	VHF 3dB Gain Magnetic Mount Antenna, 140-174 MHz	\$58.50

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SUGGESTED RETAIL

PROFESSIONAL TRUNKING

MOBILE ACCESSORIES

PM400	CDM1500/LS1	MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
Antennas continued:				
	X	HAE4002	UHF 1/4 Wave Roof Mount Antenna, 403-430 MHz	\$20.00
X		TAE6053	UHF 1/4 Wave Roof Mount Antenna, 430-450 MHz	\$20.00
X	X	HAE4003	UHF 1/4 Wave Roof Mount Antenna, 450-470 MHz	\$20.00
	X	HAE4004	UHF 1/4 Wave Roof Mount Antenna, 470-512 MHz	\$20.00
	X	HAE4010	UHF 3.5dB Gain Roof Mount Antenna, 406-420 MHz	\$68.00
	X	HAE4011	UHF 3.5dB Gain Roof Mount Antenna, 450-470 MHz	\$68.00
	X	HAE4012	UHF 3.5dB Gain Roof Mount Antenna, 470-494 MHz	\$68.00
	X	HAE4013	UHF 3.5dB Gain Roof Mount Antenna, 494-512 MHz	\$72.00
X		RAE4004AMB	UHF 5dB Gain Magnetic Mount Antenna, 440-470 MHz	\$57.00
X	X	RAE4004ARB	UHF 5dB Gain Roof Mount Antenna, 450-470 MHz	\$57.00
Retrofit Kits:				
	X	6686119B01	Dismantling Tool	\$3.00
Service Aids and Programming Equipment:				
X		RVN4191	Portable & Mobile Programming Software (CPS) - 3 Year Subscription Package - Portables require AAPMKN4004 Programming/Test Cable. Mobiles require one of the following Programming Cables & Adapter: AARKN4081 Programming Cable with FKN8096 Program Adapter, 3080070N01 Programming Cable with FKN8096 Program Adapter or AARKN4083 Programming Cable with FKN8113 Program Adapter Note: Software requires a license agreement and is not intended for resale.	\$199.00
	X	H5177	Portable & Mobile Programming Software Plus (CPS+) - 3 Year Subscription Package - HVN9025 includes CPS/PPCPS (PassPort® Customer Programming Software), CPS tutorial, reflashing tool and freq. finder application for the HT, EX, CDM & MTX+LS Series. HVN9067 for MTX Series Privacy Plus - includes HT & MTX Series Programming & Test Cable (AARKN4074). Also is compatible with RLN4460 used for radio testing. (HVN9025 is compatible with Windows® 95/98/2000 (SP3 or later version) / Millennium (ME) / Windows NT®. HVN9067 is compatible with Windows® 95/98/Windows NT®.) A Mobile Programming Cable (AARKN4081 or AARKN4083) must be purchased separately. Note: Software requires a license agreement and is not intended for resale.	\$299.00
X	X	AARKN4081	Programming Cable with Internal RIB (direct connection from computer to radio microphone connector) (PM400 requires FKN8096)	\$150.00
X	X	AARKN4083	Programming Cable (allows radio programming via rear accessory connector) (PM400 - requires FKN8113)	\$74.00
X	X	3080070N01	Programming Cable (connection from RIB to radio) (PM400 - requires FKN8096)	\$65.25
	X	3080369B72	9 Pin PC to Radio Interface Box Cable (IBM AT or compatible)	\$52.00
	X	RLN4460	Test Box for Portables and Mobiles	\$395.00
	X	RLN4008	Radio Interface Box (RIB)	\$200.00
	X	0180357A57	Wall Mounted Power Supply, 120V (for use with RLN4008)	\$24.25
X		FKN8096	Flash/Data Adapter (for use with AARKN4081 or 3080070N01)	\$54.00
X		FKN8113	Adapter Cable (for use with AARKN4083)	\$43.00
	X	0180305J69	Mobile Data Product Training CD	N/C

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SUGGESTED RETAIL

**PROFESSIONAL TRUNKING
MOBILE
ACCESSORIES**

PM400 CDM SERIES	MODEL NUMBER	DESCRIPTION	MANUF. SUGG. RETAIL PRICE
Manuals:			
X	6802966C15	CM200/CM300/PM400 Basic Service Manual	\$18.00
X	6802966C20	CM200/CM300/PM400 VHF Detailed Service Manual	\$25.00
X	6881098C00	CM200/CM300/PM400 UHF Detailed Service Manual	\$25.00
X	6881091C62-D	CDM Series Basic Service Manual (English)	\$13.50
X	6881091C63-B	CDM Series Detailed Service Manual	\$28.25