

Section A: Required Main Model and Options

For standard Radio Operation (including Motorcycle) **Steps 1 - 9** must be followed.

PLEASE READ ALL OPTION DESCRIPTIONS BEFORE MAKING YOUR SELECTION

1: Main Model *(Must Select One)*

*****Low/Mid Power*****

Item Number	Description
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M30URS9PW1AN	7/800 SINGLE BAND APX7500
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M30KSS9PW1AN	APX7500 SINGLE BAND VHF MID POWER
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M30QSS9PW1AN	APX7500 SINGLE BAND UHF R1 MID POWER
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M30SSS9PW1AN	APX7500 SINGLE BAND UHF R2 MID POWER
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*****High Power (Not Compatible with Motorcycle Operation)*****

Item Number	Description
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M30KTS9PW1AN	VHF HIGH POWER SINGLE BAND APX7500
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M30QTS9PW1AN	APX7500 SINGLE BAND UHF R1 HIGH POWER
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Primary and Secondary Band options must be chosen with a Dual Band model ONLY

Enable Dual Band Operation must be chosen to enable the Secondary Band

*****Dual Band*****

Item Number	Description
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M30TSS9PW1AN	APX7500 DUAL BAND MID POWER
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M30TXS9PW1AN	APX7500 DUAL BAND HIGH POWER
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*****Primary Band Options*****

GA00341AA	ASSEMBLY,OPTION,ADD: UHF R1 MP PRIMARY BAND
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*****Secondary Band Options*****

Item Number	Description
GA00225AA	ADD: 7/800MHZ SECONDARY BAND
GA00308AA	ADD: VHF MP SECONDARY BAND
GA00309AA	ADD: VHF HP SECONDARY BAND
GA00343AA	ADD: UHF R1 MP SECONDARY BAND
GA00344AA	ADD: UHF R1 HP SECONDARY BAND
GA00346AA	ADD: UHF R2 MP SECONDARY BAND

*****Enable Dual Band*****

Item Number	Description
GA00579AA	ADD: ENABLE DUAL BAND OPERATION

2: Operation Mode (Must Select One)

Item Number	Description
G241AP	ENH: SW ASTRO READY (ANALOG)
G806BE	ADD: ASTRO?? DIGITAL CAI OPERATION

3: System Enhancement Software (Must Select One)

Item Number	Description
G48BB	ENH: CONVENTIONAL OPERATION
G50AT	ENH: SMARTNET OPERATION APX
G51AT	ENH: SMARTZONE OPERATION APX
QA01648AA	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY
QA01749AB	SW KEY SUPPLEMENTAL DATA
QA02018AA	ADD: ADVANCED WACN KEY SUPP DATA

3b: Optional System Enhancement Software (Not Required)

*** Packet Data option W947BB is now included as standard with all APX7500 mobiles ***

Item Number	Description
GA09000AA	ADD: DIGITAL TONE SIGNALING

G173AK	ADD: SMARTZONE OMNILINK
G361AH	ADD: P25 TRUNKING SOFTWARE

Includes G173 SmartZone Omnilink

GA00631AA	ADD: DVRS MSU ACTIVATION
QA00631AB	ADD: DVRS PSU ACTIVATION
GA00580AA	ADD: TDMA OPERATION

Requires G361 9600 Trunking

G170AK	ENH: RADIO TRACE APEX
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Requires Keypad Mic or O3 Control Head

G683AE	ADD: TRUNKED ONE TOUCH BUTTON APX
GA01767AK	ADD: APX MOBILE RADIO AUTHENTICAT
GA01771AB	ENH: ENHANCEMENT LEVEL 2
	ADD: SITE SELECTABLE ALERT FOR P25
GA00982AA	TRUNKING
GA00229AA	ENH: APX GPS ACTIVATION
GA01202AA	ADD: APX GEOFENCE MOBILE
G996AS	ENH: OVER THE AIR PROVISIONING

Item Number	Description
QA00205AH	ADD: DATA LINK MANAGER APP CD- MOBILES

4: Control Head Hardware *(Must Select One)*

O2 Control Head Hardware

Item Number	Description
GA00804AA	ADD: APX O2 CONTROL HEAD (Grey)
GA00804AB	ADD: APX O2 CONTROL HEAD (Green)

O3 Control Head Hardware

Item Number	Description
G72AD	ADD: O3 HANDHELD CONTROL HEAD
G72AF	ADD: APX O3 HHCH (HEBREW)
G72AG	APX O3 HHCH (CYRILLIC)
G72AH	ADD: O3 CONTROL HEAD - ARABIC LANGUAGE
G72AK	ADD:O3 CONTROL HEAD (SIREN/LIGHT)
GA00001AB	ADD: NO O3 CONTROL HEAD

O5 Control Head Hardware

Item Number	Description
G442AJ	ADD: O5 CONTROL HEAD

G88AG ADD: APX7500 NO O5 CH NEEDED

Requires G67 Remote Mount

*****O7 Control Head Hardware*****

Item Number	Description
GA00805AA	ADD: APX O7 CONTROL HEAD
GA00805AC	ADD: APX O7 CONTROL HEAD (Hebrew)
GA00805AE	ADD: APX O7 CONTROL HEAD (Russian)
GA00805AF	ADD: APX O7 CH (ARABIC KEYPAD)

*****O9 Control Head Hardware*****

Item Number	Description
GA00245AA	ADD: APX 7500 O9 CONTROL HEAD
GA00245AB	ADD: O9 CONTROL HEAD - ARABIC LANGUAGE
G88AG	ADD: APX7500 NO O5 CH NEEDED

Requires G67 Remote Mount

5: Control Head Software *(Must Always Select G444 - same software for all control heads)*

*****Must select G444 AND G138 for motorcycle operation*****

Item Number	Description
G138AC	ADD: APX7500 MOTORCYCLE CH SFW
G444AE	ADD: CONTROL HEAD SOFTWARE

6: Mounting *(Must Select One for Mid Power Models)*

*****High Power Models automatically include a Quick Release Keylock Remote Mounting option, no selection is required*****

*****If a remote mount cable other than 5 meters (17ft) is desired for G67 or Standard High Power Mounting, please reference the "Remote Mount Cables" section below in Section C: Optional Features*****

Item Number	Description
G66AL	ADD: DASH MOUNT O5
G66AM	ADD: DASH MOUNT O5
G66AU	ADD: DASH MOUNT
G67BB	ADD: REMOTE MOUNT MID POWER
G67BZ	ADD: REMOTE MOUNT O2 MID POWER
G67CA	ADD: REMOTE MOUNT O7 CH MID POWER
G67CB	ADD: REMOTE MOUNT MOTORCYCLE O2
G67CC	ADD: REMOTE MOUNT MOTORCYCLE O7
G67CV	ADD: REMOTE MOUNT MOTORCYCLE
G67CW	ADD: REMOTE MOUNT O5 MID POWER

***** Motorcycle Installations Require the O2, O5 or O7 Control Head and Remote Mounting - Only available with 5 meter (17 ft) cable)*****

7: RF Antenna (Must Select One Per Band)

*****No Antenna Needed is Valid For All Bands*****

Item Number	Description
G89AC	ADD: NO RF ANTENNA NEEDED

7/800

Item Number	Description
G174AE	ADD: ANT 3DB LOWPRO MCYC 762-870
G175AD	ADD: ANT 3DB ELEVATED FEED 762-870
G335AX	ADD: ANT 3DB MCYCLE 762-870MHZ
W484AF	ALT: ANT 3DB GAIN 762-870MHZ

VHF

Item Number	Description
G301AC	ADD: 3DB ANT 136-174MHZ
G296AE	ADD:1/4 WAVE WP ANT 136-144 MTCL
G297AE	ADD:1/4 WAVE VHF ANT 144-150.8 MTCL
G299AE	ADD: 1/4 WAVE ROOF TOP 150.8-162
G300AE	ADD:1/4 WAVE ROOF TOP ANT VHF
G629AB	1/4 WAVE BROADBAND ANT 146-174
G792AB	ADD:VHF ANT WIDEBAND 136-174 MHZ
W652AN	ALT: 1/4 WV BDBD ANT 136-162 MHZ

UHF R1

Item Number	Description
G427AB	ADD: ANT 3.5DB 380-420 MHZ MAXRAD
G429AB	ADD: ANT 5.0DB 380-420 MHZ MAXRAD
G430AC	ADD: ANT 5.0DB 445-470 MHZ
G425AC	ADD: ANT 1/4 WAVE WHIP 380-420 MHZ
G426AD	ADD: ANT 1/4 WAVE WHIP 450-470 MHZ
G428AD	ADD: ANT 3.5DB 450-470 MHZ
G431AC	ADD: ANT WIDEBAND 380-470 MHZ MAXRA
GA00505AA	ADD: ANT 2DB WIDEBAND 380-520 MHZ

UHF R2

Item Number	Description
G430AC	ADD: ANT 5.0DB 445-470 MHZ
G426AD	ADD: ANT 1/4 WAVE WHIP 450-470 MHZ
G428AD	ADD: ANT 3.5DB 450-470 MHZ
G486AC	ADD: 5DB GAIN ANT 494-512 MHZ
G490AD	ADD: ANT 1/4 WAVE 470-512 MHZ
G493AD	ADD: ANT 3 DB ROOF TOP 470-495 MHZ
G494AD	ADD: ANT 3 DB ROOF TOP 494-512 MHZ
G510AB	ADD: ANT LOW PROFILE 450-512 MHZ
G511AB	ADD: 2DB ANT WIDEBAND 450-520 MHZ
GA00505AA	ADD: ANT 2DB WIDEBAND 380-520 MHZ
GA00652AA	ADD: ANT ROOF TOP 5 dB 470-494 MHz

8:

8: Microphones *(Must Select One)*

Item Number	Description
G90AC	ADD: NO MICROPHONE NEEDED
W22BC	ADD: MOTORCYCLE PALM MIC
W22BA	ADD: PALM MICROPHONE
W20CA	ADD: KEYPAD MIC GCAI
W20CC	KPM GCAI (CYRILLIC)
W20CD	ADD: KEYPAD MIC GCAI - ARABIC LANGUAGE
W382AM	ADD: CONTROL STATION DESK GCAI MIC
G892AB	ENH: HAND MIC,GCAI WATER RESISTANT
W872AB	ADD: VISOR MIC REMOTE MOUNT
GA00221AC	ADD: MODEL III GCAI KEYPAD HANDSET
G233AD	ADD: GOOSENECK PTT
W874AB	ADD: HANDSET/HANGUP MIC ARMORED CABLE
G235AC	ADD: PTT FOOTSWITCH
GA00304AA	ADD: PUSHBUTTON PTT

9: Speakers *(Must Select One)*

G142 NO SPEAKER Required for Control Station

Item Number	Description
G831AD	ADD: SPKR 15W WATER RESISTANT
G142AD	ADD: NO SPEAKER NEEDED
B18CR	ADD: AUXILARY SPKR 7.5 WATT
B18CS	ADD: AUXILARY SPEAKER MOTORCYCLE
W432AG	ADD: AUXILARY SPKR 13W (3.2OHM)

Section B: Motorcycle, Control Station, Dual Control Head, Multi Radio Requirements

Please read the all of the instructions below before selecting any options.
Each Radio Type has 3 Ordering Steps.

MOTORCYCLE CONFIGURATION

- I. You must review your selection of the following options from "Section 1: Required Options".
- Step 1 (Note: Not Compatible with High Power Models)
 - Step 2 (Note: All listed options are compliant)
 - Step 3 (Note: All listed options are compliant)
 - Step 4 (Note: Control Head - Must only select one).
 - Step 5 (Note: Must select G444 **AND** G138 for Motorcycle Operation).
 - Step 6 (Note: Must Select G67. Motorcycle operation is only offered in a Remote Mount Configuration)
 - Step 7 (Note: Some Antennas are **NOT** compatible. Please read option description)
 - Step 8 (Note: Some Microphones are **NOT** compatible. Please read option description).
 - Step 9 (Note: Must select B18 speaker option)
- II. You Must Select ONE of the Following "Motorcycle Specific Options":

MOTORCYCLE SPECIFIC OPTIONS

Weatherproof Housing (Must Select One)

Item Number	Description
W620AE	ADD: NO MOTORCYCLE ENCLOSURE NEEDED
W15AJ	ADD: WEATHER PROOF HOUSING ENCLOSURE BLACK

- III. Features listed in "Section C: Optional Features" are optional, if applicable. Please read the option's description to determine compatibility.

Motorcycle Configuration is not compatible with any DEK options

CONTROL STATION OPERATION

(Mid Power Radios Only)

- I. First, you must review your selection of the following options from "Section 1: Required Options".
- Step 1 (Note: Main Model)
 - Step 2 (Note: All listed options are compliant)
 - Step 3 (Note: All listed options are compliant)
 - Step 4 (Note: O2, O5, O7 Control Head **OR** "No Control Head Needed" are compatible with Control Station Application- Must only select one).
 - Step 5 (Note: Must Select G444. The G444 Control Head Software is compatible with Control Station Application).
 - Step 6 (Note: Must Select G66. Control Station operation is only offered in Dash mount configuration)
 - Step 7 (Note: All listed options are compliant)
 - Step 8 (Note: Some Microphones are **NOT** compatible. Please read option description).
 - Step 9 (Note: Must Select G142 - No Speaker Needed)

- II. You Must Select W665. G91 is needed for control station operation, but is an optional purchase.

SPECIFIC CONTROL STATION OPTIONS

Control Station Operation and Power Supply

Item Number	Description
W665BF	ADD: CONTROL STATION OPERATION
G91AE	ADD: CONTROL STATION POWER SUPPLY

- III. Features listed in "Section C: Optional Features" are optional, if applicable. Please read the option's description to determine compatibility.

MULTI CONTROL HEAD RADIO

What is an APX 7500 O5 Multiple Control Head Configuration?

The APX 7500 mobile radio and the O2, O5 and O7 control heads can be configured in a multi control head configuration to support up to 4 control heads on a single transceiver. This allows control of a single APX 7500 transceiver from up to 4 different control head locations. The O2, O5 and O7 control heads are the only control head that supports multiple control head configurations with up to 4 control heads.

The O2 and O7 are the only control heads that can be mixed in a multi control head configuration. You must order one control type (O2 or O7) seperatley from section Section F: Remote Control Head Replacement AND Multiple Control Head Allied Sales Model not as GA00092, GA00093 or GA00094

MULTI CONTROL HEAD ORDERING PROCEDURES

*** Multi Control Head Always Requires the O2, O5, O7, Control Head Hardware***

*** Multi Control Head Always Requires Control Head Software (G444) ***

*** Multiple Control Head Radios Always Require ONE of the Multiple Control Head Options (GA00092 or GA00093, or GA00094).***

This Multiple Control Head Option QTY should ALWAYS equal the main line item Qty.

Item Number	Description
GA00092AL	ADD: APX DUAL-CONTROL HARDWARE
Adds a 2 nd O2 Control Head (Grey)	
GA00092AM	ADD: APX DUAL-CONTROL HARDWARE
Adds a 2 nd O2 Control Head (Green)	
GA00092AS	ADD: DUAL-CONTRL HD HARDWARE
Adds a 2 nd O5 Control Head	
GA00092AF	ADD: APX DUAL-CONTROL HARDWARE

Adds a 2nd O7 Control Head (Standard Keypad)
GA00092AG ADD: APX DUAL-CONTROL HARDWARE

Adds a 2nd O7 Control Head (Siren/Lights Keypad)
GA00092AH ADD: APX DUAL-CONTROL HARDWARE

Adds a 2nd O7 Control Head (Hebrew Keypad)
GA00092AJ ADD: APX DUAL-CONTROL HARDWARE

Adds a 2nd O7 Control Head (Chinese Keypad)

GA00092AK ADD: APX DUAL-CONTROL HARDWARE

Adds a 2nd O7 Control Head (Russian Keypad)
ADD: APX DUAL-CONTROL HARDWARE (07 ARABIC)
GA00092AN

Adds a 2nd O7 Control Head (Arabic Keypad)

Item Number	Description
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GA00093AH	ADD: APX TRI-CONTROL HARDWARE
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Adds a 2nd O2 Control Head (Grey)
GA00093AJ ADD: APX TRI-CONTROL HARDWARE

Adds a 2nd & 3rd O2 Control Head (Green)
GA00093AM ADD: APX7500 TRI-CONTROL HARDWARE

Adds a 2nd & 3rd O5 Control Head
GA00093AC ADD: APX TRI-CONTROL HARDWARE

Adds a 2nd & 3rd O7 Control Head (Standard Keypad)
GA00093AD ADD: APX TRI-CONTROL HARDWARE

Adds a 2nd & 3rd O7 Control Head (Siren/Lights Keypad)
GA00093AE ADD: APX TRI-CONTROL HARDWARE

Adds a 2nd & 3rd O7 Control Head (Hebrew Keypad)
GA00093AF ADD: APX TRI-CONTROL HARDWARE

Adds a 2nd & 3rd O7 Control Head (Chinese Keypad)

GA00093AG ADD: APX TRI-CONTROL HARDWARE

Adds a 2nd & 3rd O7 Control Head (Russian Keypad)
GA00093AK ADD: APX TRI-CONTROL HARDWARE (07 ARABIC)

Adds a 2nd & 3rd O7 Control Head (Arabic Keypad)

Item Number	Description
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GA00094AH	ADD: APX QUAD-CONTROL HARDWARE
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Adds a 2nd, 3rd & 4th O2 Control Head (Grey)
GA00094AJ ADD: APX QUAD-CONTROL HARDWARE

Adds a 2nd, 3rd & 4th O2 Control Head (Green)
GA00094AM ADD: APX7500 QUAD-CONTROL HARDWARE

Adds a 2nd, 3rd & 4th O5 Control Head
GA00094AC ADD: APX QUAD-CONTROL HARDWARE

Adds a 2nd, 3rd & 4th O7 Control Head (Standard Keypad)
GA00094AD ADD: APX QUAD-CONTROL HARDWARE

Adds a 2nd, 3rd & 4th O7 Control Head (Siren/Lights Keypad)

GA00094AE ADD: APX QUAD-CONTROL HARDWARE

Adds a 2nd, 3rd & 4th O7 Control Head (Hebrew Keypad)

GA00094AF ADD: APX QUAD-CONTROL HARDWARE

Adds a 2nd, 3rd & 4th O7 Control Head (Chinese Keypad)

GA00094AG ADD: APX QUAD-CONTROL HARDWARE

Adds a 2nd, 3rd & 4th O7 Control Head (Russian Keypad)

GA00094AK ADD: APX QUAD-CONTROL HARDWARE (07 ARABIC)

Adds a 2nd, 3rd & 4th O7 Control Head (Arabic Keypad)

*** Multi Control Head Always Requires Remote Mount ***

*** THERE IS NO STANDARD 17' CABLE OFFERED FOR A MULTI CONTROL HEAD CONFIGURATION. YOU MUST ALWAYS ORDER ONE CABLE PER CONTROL HEAD ***

Item Number	Description
G618AC	ADD:CBL REMOTE MOUNT 10 FEET
G628AC	ADD: REMOTE MOUNT CBL 17 FEET
G610AC	ADD: REMOTE MOUNT CBL 30 FEET
G609AC	ADD: REMOTE MOUNT CBL 50 FEET
G607AC	ADD:CBL REMOTE MOUNT 75 FEET
G879AC	ADD:REMOTE MOUNT CBL 115 FEET

*** Multiple Control Head Configurations require only ONE antenna per frequency band ***

*** Total # of microphones must match the total # of control heads being ordered. The G90 "No Mic Needed" option counts as a mic option ***

**** Total # of speakers must match the total # of control heads being ordered. The G142 "No Speaker Needed" option counts as a speaker option ***

NOTE: DEK BOX Hardware cannot be ordered as an option with Multi Control Head. You must order individual DEK Box Kits for each control head you need to have DEK box hardware.

ASTRO Advanced Messaging Solution (AMS)

The ASTRO 25 Advanced Messaging Solutions is the latest messaging platform from Motorola Solutions and will replace ASTRO Text Messaging Service (TMS). As a complete end-to-end solution it leverages the core assets of ASTRO 25 IV&D/CID networks, ASTRO 25 radios, Integrated Command Center applications and Unified Network Services. The application allows responders to send/receive messages and run database queries from ASTRO 25 data enabled portable radios, extending real time information access to the field so dispatchers and first responders can be more efficient and achieve safer outcomes.

Provides functional parity with TMS and leverages the PremierOne messaging services platform, offering multiple configurations to enhance and extend core messaging functionality that can include queries and dispatch notifications. Based upon the configuration chosen, ASTRO 25 Advanced Messaging Solution extends Computer Aided Dispatch (CAD) information beyond the vehicle to select ASTRO 25 Portable radios.

Many Public Safety agencies have experienced the benefits of messaging and sharing important information to/from the communication center (dispatch) and vehicles equipped with MDT's. With ASTRO 25 Advanced Messaging Solution we are extending that capability to responders when Outside the Vehicle.

Ordering ASTRO Advanced Messaging Solution for APX Mobiles Require: (Note: some control heads are not available on all main models)

- O9, O7, O5, O3 or O2 Control Heads
 - With O2 or O5 Control Heads Require Keypad Mic (W20)
 - ASTRO Digital CAI Operation (G806)
 - P25 Conventional (G48)
 - Packet Data Interface now included with all APX7500 radios
- OR**
- O9, O7, O5, O3 or O2 Control Heads
 - With O2 or O5 Control Heads Require Keypad Mic (W20)
 - ASTRO Digital CAI Operation (G806)
 - SmartZone Operation (G51)
 - ASTRO Project 25 Trunking Software (G361)
 - Packet Data Interface now included with all APX7500 radios

Section C: Optional Features

The following options are optional and will provide additional capabilities, if required.

System Enhancement Options

Item Number	Description
G387AD	ADD: MULTICAST VOTING SCAN
G996AS	ENH: OVER THE AIR PROVISIONING
GA00229AA	ENH: APX GPS ACTIVATION

GPS Antennas

****Selection is required when ordering GA00229, GPS Activation****

Item Number	Description
GA00235AA	ADD: NO GPS ANTENNA NEEDED
GA00226AA	ADD: GPS ANTENNA
GA00269AA	ADD: GPS ANTENNA MTCL
GA00270AA	ADD: GPS ANTENNA GLASS MT

Encryption Algorithms

All APX7500 Mobile Radios ship standard with Single Key Advanced Digital Privacy (ADP).
*****ADP Privacy is not FIPS compliant - ADP Privacy not supported by OTAR - ADP is digital P25 conventional / P25 trunking only*****

Item Number	Description
W969BG	ADD: MULTIPLE KEY ENCRYPTION OPERATION
G298AS	ENH: ASTRO 25 OTAR W/ MULTIKEY
G843AH	ADD: AES ENCRYPTION APX
G851AG	ADD: AES/DES-XL/DES-OFB ENCRYPTION
G625AP	ADD: DES/DES-XL/DES-OFB ENCRYPTION
W797BD	ADD: DVP-XL ENCRYPTION APX7500
GA00236AA	ADD: 3 DAY KEY RETENTION APX

Expandable Memory

Item Number	Description
GA00227AA	ADD: REMOVABLE MEMORY 1 GB

O9 Control Head Supplemental Mounting Devices

(Used for Special Mounting Requirements in Passenger Cabin)

Item Number	Description
GA00261AA	ADD: PEDESTAL MOUNT BALL JOINT
GA00281AA	ADD: PEDESTAL MOUNT LOW SWIVEL

Remote Mount Cables

(All cables are for 05, 07 or O9 control head only)

(The 5 meter (17 FT) Cable Ships Standard)

Item Number	Description
G618AC	ADD:CBL REMOTE MOUNT 10 FEET
G610AC	ADD: REMOTE MOUNT CBL 30 FEET
G609AC	ADD: REMOTE MOUNT CBL 50 FEET
G607AC	ADD:CBL REMOTE MOUNT 75 FEET
G879AC	ADD:REMOTE MOUNT CBL 115 FEET
G582AC	ADD: REMOTE MOUNT CABLE 131 FT

DEK

Item Number	Description
W355AS	ADD: STATUS/MESSAGE 8
W374AJ	ADD: STATUS/MESSAGE 16

Direct Mode Entry

Item Number	Description
W599BF	ADD: 8 MODE DIRECT ENTRY
W614AT	ADD: 16 MODE DIRECT ENTRY
W615AW	ADD: 24 MODE DIRECT ENTRY

WHELEN SIREN (MOTOROLA COMPATIBLE)

NOTE: THE NEW SIREN IS COMPATIBLE WITH APX AND XTL MOBILES WITH "O" SERIES CONTROL HEADS ONLY. **THIS SIREN IS NOT COMPATIBLE WITH ANY "W" SERIES CONTROL HEADS**

THE SIREN BASE MODEL TT2592, ONE CABLE AND THE SIREN MOUNTING HARDWARE TT0507 MUST ALWAYS BE ORDERED (THIS SIREN IS ORDERED AS A SEPARATE LINE ITEM, TT2592 IS THE MODEL)

DEK OPTIONS ARE AVAILABLE AS OPTIONS TO THE SUBSCRIBER AS SHOWN BELOW

TT05707AA	SIREN HARDWARE INSTALL KIT
TT05709AA	SIREN TO RADIO CABLE - O3 CONTROL HEAD ONLY

SIREN DEK/SWITCH OPTIONS

GA00812AA	ADD: DEK FOR WHELEN SIREN W/ O3 CH ONLY
GA00814AA	ADD: DEK FOR WHELEN SIREN

Auxiliary Switches DEK

Item Number	Description
W591AQ	ADD: AUXILIARY SWITCH PANEL

Alarm

W116AQ	ADD: EXTERNAL ALARM RELAY AND CABLE
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Emergency

Item Number	Description
W470AT	ADD: EMERGENCY ID EXT. FOOTSWITCH
W688AR	ADD: EXTERNAL EMERGENCY PUSHBUTTON

Data Cables

Item Number	Description
G303AB	ADD: RS232 DATA INTFC CBL DASH
G304AC	ADD: RS232 DATA INTFC CBL TRK
G308AD	ADD: USB DATA INTFC CABLE-DASH
G309AC	ADD:USB DATA INTFC CABLE-TRK

RF Modem

Item Number	Description
G319AC	ENH: ENABLE RF MODEM

RF ID Tag

Item Number	Description
GA00268AA	ADD: RFID LABEL

Service Options

Item Number	Description
G77AN	ENH: 1 YR REPAIR SERVICE ADVANTAGE
G78AR	ENH: 2 YR REPAIR SERVICE ADVANTAGE
GA00232AD	ENH: 3 YR SfS LITE
GA00318AB	ENH: 4 YR SfS LITE
GA00255AB	ENH: SFS COMPREHENSIVE

Amplifier

*(**UHF and VHF Mid and High Power Radios Only**)*

Item Number	Description
W12DK	ADD: RF PREAMP

Mounting Lock

Item Number	Description
W81AQ	ADD: KEY LOCK MOUNT APX

Test Results

Item Number	Description
G799AC	ADD: PRINTED TEST RESULTS APEX

Section E: Control Head Conversion Allied Sales Models

PLEASE READ ALL ALLIED MODEL AND OPTION DESCRIPTIONS BEFORE MAKING YOUR SELECTION

NOTE: IF YOU WOULD LIKE AN EXTENSION CABLE FOR YOUR O3 CONTROL HEAD TO MAKE YOUR O3 A REMOTE MOUNT, PLEASE ORDER H1849B. (IF ORDERING THIS KIT ALONG WITH ANOTHER ALLIED SALES MODEL, PLEASE ORDER THEM AS SEPARATE LINE ITEMS)

APX RETROFIT ALLIED SALES MODELS

HIGH POWER ONLY

Item Number	Description
H1840B	O3 TO O5 RM HIPWR W/CH
	HIGH POWER O3 CONTROL HEAD TO O5 CONTROL HEAD REMOTE MOUNT (REQUIRES MICROPHONE OPTION)
H1855B	O3 TO 09 REMOTE MNT HIPWR
	HIGH POWER O3 CONTROL HEAD TO 09 CONTROL HEAD <u>REMOTE MOUNT</u> (REQUIRES MICROPHONE OPTION)
H1856B	05RM TO 09RM MID/HIPWR RETROFIT KIT
	HIGH POWER O5 CONTROL HEAD <u>REMOTE MOUNT</u> TO 09 CONTROL HEAD <u>REMOTE MOUNT</u>
H1861B	09RM TO 05RM MIID/HIPWR RETROFIT KIT
	HIGH POWER O9 CONTROL HEAD <u>REMOTE MOUNT</u> TO 05 CONTROL HEAD <u>REMOTE MOUNT</u>

MID POWER ONLY

Item Number	Description
H1819C	O5 MID POWER DASH CONVERSION KIT
	MID POWER O3 OR 09 CONTROL HEAD TO O5 CONTROL HEAD <u>DASH MOUNT</u> (REQUIRES MICROPHONE OPTION)
H1843B	O3 TO O5 RM MIDPWR W/CH
	MID POWER O3 CONTROL HEAD TO O5 CONTROL HEAD <u>REMOTE MOUNT</u> (REQUIRES MICROPHONE OPTION)
H1849B	O3DM TO O3 RM MIDPWR NOCH
	O3 CONTROL HEAD <u>DASH MOUNT</u> TO O3 CONTROL HEAD <u>REMOTE MOUNT</u>
H1858B	03 TO 09RM CONTROL HEAD RETROFIT MID/HIPWR
	MID POWER O3 CONTROL HEAD TO 09 CONTROL HEAD <u>REMOTE MOUNT</u> (REQUIRES MICROPHONE OPTION)
H1847B	O5 REM TO O3 DM MIDPWR W/CH
	MID POWER O5, O7 CONTROL HEAD <u>REMOTE MOUNT</u> TO O3 CONTROL HEAD <u>DASH MOUNT</u>

H1848B O5 RM TO O5 DM MIDPWR NOCH

MID POWER O5, O7 CONTROL HEAD REMOTE MOUNT TO O5 CONTROL HEAD DASH MOUNT
H1853B O5 DASH TO O5 REM

MID POWER O5, O7 CONTROL HEAD DASH MOUNT TO O5 CONTROL HEAD REMOTE MOUNT

MID POWER O5, O7 DASH MOUNT OR O3 REMOTE/DASH TO O9 CONTROL HEAD REMOTE MOUNT

(NOTE: THIS KIT CONTAINS THE UNIVERSAL RELAY CONTROLLER AND ALL EQUIPMENT FOR SIREN AND LIGHT CONFIGURATION)

MID POWER O5, O7 CONTROL HEAD REMOTE MOUNT TO O9 CONTROL HEAD REMOTE MOUNT

H1865B O5DM TO O9 RM MIDPWR W/CH

MID POWER O5, O7 CONTROL HEAD DASH MOUNT TO O9 CONTROL HEAD REMOTE MOUNT
H1861B O9RM TO O5RM MIID/HIPWR RETROFIT KIT

MID POWER O9 CONTROL HEAD REMOTE MOUNT TO O5 CONTROL HEAD REMOTE MOUNT
H1862B O9 TO O3RM MIDPWR W/CH

MID POWER O9 CONTROL HEAD REMOTE MOUNT TO O3 CONTROL HEAD REMOTE MOUNT
H1863B O9 TO O5DM MIDPWR W/CH

MID POWER O9 CONTROL HEAD REMOTE MOUNT TO O5 CONTROL HEAD DASH MOUNT

07 Control Head Kits

Item Number	Description
H1869A	O7 CH DASH MOUNT RETROFIT KIT
H1870A	O7 CH REMOTE MOUNT RETROFIT KIT

02 Control Head Kit

Item Number	Description
H1872A	O2 CH DASH (GREY) RETROFIT

MICROPHONES

Item Number	Description
G90AC	ADD: NO MICROPHONE NEEDED
W22BA	ADD: PALM MICROPHONE
W20CD	ADD: KEYPAD MIC GCAI - ARABIC LANGUAGE

9: SPEAKER (OPTIONAL)

Item Number	Description
G831AD	ADD: SPKR 15W WATER RESISTANT
G142AD	ADD: NO SPEAKER NEEDED
B18CR	ADD: AUXILARY SPKR 7.5 WATT
W432AG	ADD: AUXILARY SPKR 13W (3.2OHM)

Item Number

Remote Mount Cables

*****Total cable length may not be greater than 131 ft (40 meters)*****

GA00179AB	ADD: NO REMOTE CABLE NEEDED
G618AC	ADD:CBL REMOTE MOUNT 10 FEET
G628AC	ADD: REMOTE MOUNT CBL 17 FEET
G610AC	ADD: REMOTE MOUNT CBL 30 FEET
G609AC	ADD: REMOTE MOUNT CBL 50 FEET
G607AC	ADD:CBL REMOTE MOUNT 75 FEET
G879AC	ADD:REMOTE MOUNT CBL 115 FEET
G582AC	ADD: REMOTE MOUNT CABLE 131 FT

Section F: Remote Control Head Replacement AND Multiple Control Head Allied Sales Model

PLEASE READ ALL ALLIED MODEL AND OPTION DESCRIPTIONS BEFORE MAKING YOUR SELECTION

Remote Control Head Replacement AND Multiple Control Head Retrofit Kit

The APX 7500 O5 Remote Control Head Replacement AND Multiple Control Head Retrofit allied sales model provide the following:

- QTY 1: **REMOTE** mount control head assembly that includes a control head + flex cable + control head interface board rear housing (CHIB)
 - Qty 1: Remote Control Head Power cable (HKN6188)
 - Qty 1: Remote Control Head Mounting trunion and hardware
 - Qty 1: Manual CD and dust cover kit
 - OPTION: Must select a microphone option
 - OPTION: Must select a speaker option
 - OPTION: Must select a remote cable option

*****IF YOU ARE ADDING A CONTROL HEAD TO CONVERT A SINGLE CONTROL REMOTE MOUNT RADIO TO A DUAL, TRI, OR QUAD CONTROL, THEN YOU MUST MAKE SURE THE RADIO HAD VERSION 6.9 SOFTWARE OR GREATER.**

FIRMWARE VERSION R09.00.00 OR HIGHER IS REQUIRED.

Item Number	Description
H1823E	REMOTE CTRL HD/CHIB O5 RETROFIT KIT
H1870A	O7 CH REMOTE MOUNT RETROFIT KIT
H1890C	O7 LIGHT SIREN REMOTE MOUNT RETROFIT KIT
H1888B	O2 CH REMOTE MT RETOFIT KIT
H1889B	O2 GRN CH REMOTE MT RETOFIT KIT

Microphones
(Must Select One and Only One)

G90AC	ADD: NO MICROPHONE NEEDED
W22BA	ADD: PALM MICROPHONE
W20CA	ADD: KEYPAD MIC GCAI

Speakers
(Must Select One and Only One)

Item Number	Description
G831AD	ADD: SPKR 15W WATER RESISTANT
G142AD	ADD: NO SPEAKER NEEDED
B18CR	ADD: AUXILARY SPKR 7.5 WATT
W432AG	ADD: AUXILARY SPKR 13W (3.2OHM)

Remote Mount Cables

*****For Dual CH configurations, the total cable length may not be greater than 131 ft (40 meters)*****

(Must Select One and Only One)

Item Number	Description
GA00179AB	ADD: NO REMOTE CABLE NEEDED
G618AC	ADD:CBL REMOTE MOUNT 10 FEET
G628AC	ADD: REMOTE MOUNT CBL 17 FEET
G610AC	ADD: REMOTE MOUNT CBL 30 FEET
G609AC	ADD: REMOTE MOUNT CBL 50 FEET
G607AC	ADD:CBL REMOTE MOUNT 75 FEET
G879AC	ADD:REMOTE MOUNT CBL 115 FEET