### MAXTRAC 50/100 AND 820 SERIES

<table>
<thead>
<tr>
<th>REF. NO.</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0380270L01</td>
<td>Front Mounting Screws; 2 used</td>
</tr>
<tr>
<td>2</td>
<td>1580129L01</td>
<td>Control Head Housing</td>
</tr>
<tr>
<td>3</td>
<td>3680144M01</td>
<td>Control Knob</td>
</tr>
<tr>
<td>4</td>
<td>5080085D02</td>
<td>Speaker</td>
</tr>
<tr>
<td>5</td>
<td>4280253L01</td>
<td>Speaker Retainer; 4 used</td>
</tr>
<tr>
<td>6</td>
<td>0310945A11</td>
<td>Plastic Screw; 9 used</td>
</tr>
<tr>
<td>7</td>
<td>3880272L02</td>
<td>Push Button; 2 used</td>
</tr>
<tr>
<td>8</td>
<td>4380273L01</td>
<td>Push Button Spacer</td>
</tr>
<tr>
<td>9</td>
<td>7580200L01</td>
<td>Keypad</td>
</tr>
<tr>
<td>10</td>
<td>2900129883</td>
<td>Wire Wrap; 2 used</td>
</tr>
<tr>
<td>11</td>
<td>0780037M01</td>
<td>Bracket, switch board</td>
</tr>
<tr>
<td>12</td>
<td>2780128L04</td>
<td>Chassis Frame</td>
</tr>
<tr>
<td>13</td>
<td>1580953T01</td>
<td>Cover, VCO shield</td>
</tr>
<tr>
<td>14</td>
<td>2680038M03</td>
<td>Shield, chassis RF</td>
</tr>
<tr>
<td>15</td>
<td>0310943M09</td>
<td>Taptite Screw (M3 x 6); 12 used</td>
</tr>
<tr>
<td>16</td>
<td>1580127L01</td>
<td>Cover, housing; 2 used</td>
</tr>
<tr>
<td>17</td>
<td>1580124M01</td>
<td>Cover, logic shield</td>
</tr>
<tr>
<td>18</td>
<td>0310943R55</td>
<td>Taptite Screw (M3 x 8, flathead); 4 used</td>
</tr>
<tr>
<td>19</td>
<td>0310943R04</td>
<td>Taptite Screw (M2.5 x 8, flathead); 2 used</td>
</tr>
<tr>
<td>20</td>
<td>2680223M05</td>
<td>Shield, PA, VHF &amp; UHF</td>
</tr>
<tr>
<td>21</td>
<td>2680223M05</td>
<td>Shield, PA, 800 MHz</td>
</tr>
<tr>
<td>22</td>
<td>0980131M01</td>
<td>Connector, antenna</td>
</tr>
<tr>
<td>23</td>
<td>2680124L03</td>
<td>Heatsink, UHF &amp; VHF</td>
</tr>
<tr>
<td>24</td>
<td>2680124L02</td>
<td>Heatsink, 800 MHz</td>
</tr>
<tr>
<td>25</td>
<td>0980255E01</td>
<td>Connector, power</td>
</tr>
<tr>
<td>26</td>
<td>0310943M10</td>
<td>Taptite Screw (M3 x 8); 8 used</td>
</tr>
<tr>
<td>27</td>
<td>0380271L01</td>
<td>Machine Screw (M4 x 17); 2 used</td>
</tr>
<tr>
<td>28</td>
<td>0380043L01</td>
<td>Taptite Screw (M3 x 10); 2 used</td>
</tr>
<tr>
<td>29</td>
<td>0400131974</td>
<td>Washer; 2 used</td>
</tr>
<tr>
<td>30</td>
<td>1580076M01</td>
<td>Housing, accessory connector</td>
</tr>
<tr>
<td>31</td>
<td>7580918T02</td>
<td>Pad, shock insulating; 5 used</td>
</tr>
<tr>
<td>32</td>
<td>0400002636</td>
<td>Washer, int loc</td>
</tr>
<tr>
<td>33</td>
<td>3280014N02</td>
<td>Gasket, accessory connector</td>
</tr>
<tr>
<td>34</td>
<td>1380276L02</td>
<td>Escutcheon, 2 frequency</td>
</tr>
</tbody>
</table>

**NON-REFERENCED ITEMS:**

- HLN5184B Switchboard
- 3380017N14 Nameplate
## MAXTRAC Series

### Parts List

#### MAXTRAC 300 AND 840 SERIES

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</tr>
<tr>
<td></td>
<td></td>
<td>(6 freq. models); 3 used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(16 freq. models); 5 used</td>
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<tr>
<td>8</td>
<td>4380274L01</td>
<td>Push Button Spacer (1 x 2)</td>
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<td>9</td>
<td>4380275L01</td>
<td>Push Button Spacer (1 x 3)</td>
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<td>10</td>
<td>7580201L01</td>
<td>Keypad</td>
</tr>
<tr>
<td>11</td>
<td>3880077N01</td>
<td>Button Plug; 2 used</td>
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<td>12</td>
<td>3280907T01</td>
<td>Gasket (6 freq. models only); 2 used</td>
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<td>2900129883</td>
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<tr>
<td>37</td>
<td>3280014N02</td>
<td>Gasket, accessory connector</td>
</tr>
<tr>
<td>38</td>
<td>1380277L01</td>
<td>Escutcheon (16 freq. models)</td>
</tr>
</tbody>
</table>

### Non-Referenced Items:

- HLN5184B Switchboard
- 3380017N14 Nameplate

**NOTE:** The part number for the speaker lead assembly, including connector P10 and two lugs, is 0180747T30.
A variety of microphones is available to accommodate the user’s requirements. The noise cancelling microphone screens out background noise. The DTMF microphone allows you to access the public telephone network for simplex mobile-to-telephone conversations.

**HMN4016A** Noise Cancelling Microphone

**HMN1037B** DTMF Microphone, for 100/300 models only

**HMN1035C** Palm Microphone, full size

**HMN1056D** Compact Palm Microphone

**HLN4606A** Microphone Hang-Up Clip, for HMN1035C

**HLN9073B** Microphone Hang-Up Clip, for HMN1056D

**HMN3013A** DTMF Microphone, for 820/840 Series only

**HMN3141B** Handset with Hang-Up Cup

**TDMN8305B** Backlit DTMF Microphone

**TMN6169A** Backlit DTMF with Autodial Last Number Redial

**HLN9560A** 9’ Cord for Compact Microphone

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**SPEAKERS**

Provides a separate speaker for high noise environments.

**HSN4019B** External Speaker, 5 watt (requires 5 pin options connector)

**HSN9326A** External Speaker, 5 watt, (requires 16 pin options connector)

**HSN1000B** Public Address Speaker, 6 watt Amplified

**HKN9323A** Speaker Cable, Public Address, 8 ft.

**HKN9324AR** Speaker Cable, Public Address, 15 ft.
Two mounting options are available. Key Lock Mount secures the radio with a two-piece detachable trunnion that locks together. Extra stability mount provides added stability to help protect your radio from high vibration environments.

- **HLN4426A** Key Lock Mount, Includes Hardware, VHF/UHF
- **HLN5226B** Extra Stability Mount, used with non-locking trunnion
- **HLN5189A** Non-locking Trunnion (for 820/840 Series only)
- **HLN9450A** Floor Mount, 45°/60° Wedge (for 100/300 model only)
- **HLN9404A** Installation Sleeve Mounting Hardware (for 35 and 60 watt)
- **HLN9457A** Accessory Plug and 16 pins
- **HLN9637A** Key Lock Mount (for Lowband and 800 MHz)
- **HLN5559A** One Piece Extra Stability Mount

**Quick Release Slide Mount**

The quick release slide mounts are easy to install and are available with a variety of mounting brackets which allow installation in any location within a vehicle.

- **RLN4091A** Slide Mount Kit; Includes Vehicle Mount (RLN4092A), Radio Mount (RLN4093A), and Mounting Hardware
- **RLN4092A** Vehicle Mount Only, with Hardware
- **RLN4093A** Radio Mount Only, with Hardware
- **RLN4094A** Bracket for High Power/Lowband Radio
- **RLN4077A** Angle Bracket with 20° Fixed Angle and 50° Swivel
- **RLN4078A** Flat Bracket with 50° Swivel
**IGNITION SWITCH CABLE**

- **HKN4284A** Ignition Switch Cable (5 pin connector)
- **HKN9327A** Ignition Switch Cable (16 pin connector)

**ALARM ACCESSORIES**

- **HLN9254A** External Alarm Relay Kit for MAXTRAC 820 “B3”, “B4”, “B5” packages. This feature is an external switch to the radio
- **HLN9374B** External Alarm Relay/Cable/Switch Kit for 50 and 100
- **HLN9330A** Emergency Alarm Footswitch
- **HLN9328B** External Alarm Relay/Cable Kit
- **HLN9329A** Emergency Alarm Pushbutton

**CONTROL STATION ACCESSORIES**

Allow you to operate the radio from the convenience of your desktop.

- **HPN4002B** Power Supply, 15 and 25 watt
- **HPN4001B** Power Supply, 40 and 45 watt
- **HPN3196B** Power Supply, 35 and 60 watt
- **HMN1038D** Desktop Microphone, Beige

- **HMN3000B** Desktop Microphone, Black
- **HLN5292BR** Base Station Tray
- **HKN4139A** Power Cable, 10 ft., for 15, 25, 40 and 45 watt
- **HKN9455A** Power Cable, 10 ft., for 35 and 60 watt
- **HLN3035C** Low Power Control Station Package, 2 and 25 watt
- **HLN3199C** High Power Control Station Package, 35, 40, 45 and 60 watt
- **HLN5309B** Base Station Tray
- **HMN3031C** Desktop Microphone, for 820/840 Models only
- **HKN4137A** Power Cable, for 820/840 Series only; 15, 25, 40 and 45 watt
- **HKN4191B** Power Cable, for 35 and 60 watt

**NOTE:** Accessories are available for all MAXTRAC Series Radios unless otherwise specified.
### ANTENNA ADAPTER

**5880367B22** Mini-UHF to UHF Antenna Adapter  
**2880376E84** Mini-UHF Antenna Connector

### MISCELLANEOUS

- **HLN9457A** Accessory Plug and 16 pins  
- **HKN9557A** Mini-UHF Adapter Cable  
- **HLN3146A** DTMF Decoder Board  
- **HLN3145BR** Control Switch Panel for Public Address w/Cables  
- **SLN5721B** Cigarette lighter power cable

### VHF ANTENNAS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Frequency</th>
<th>Power</th>
<th>Gain</th>
<th>VSWR</th>
<th>Impedance</th>
<th>Mounting Kit</th>
<th>Nut</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HAD4006A</strong></td>
<td>136-144 MHz</td>
<td>150 watts, maximum</td>
<td>Unity, nominal</td>
<td>Less than 1.5:1</td>
<td>50 ohms, nominal</td>
<td>Roof Mount with 14’ RG58A/U Cable and Mini-UHF Connector</td>
<td>Chrome</td>
</tr>
<tr>
<td><strong>HAD4007A</strong></td>
<td>144-150 MHz</td>
<td>150 watts, maximum</td>
<td>Unity, nominal</td>
<td>Less than 1.5:1</td>
<td>50 ohms, nominal</td>
<td>Roof Mount with 14’ RG58A/U Cable and Mini-UHF Connector</td>
<td>Chrome</td>
</tr>
<tr>
<td><strong>HAD4008A</strong></td>
<td>150.8-162 MHz</td>
<td>150 watts,</td>
<td>Unity</td>
<td>Less than 1.5:1</td>
<td>50 ohms</td>
<td>Roof Mount with 14’ RG58A/U Cable and Mini-UHF Connector</td>
<td>Chrome</td>
</tr>
<tr>
<td><strong>HAD4009A</strong></td>
<td>162-174 MHz</td>
<td>150 watts, maximum</td>
<td>Unity, nominal</td>
<td>Less than 1.5:1</td>
<td>50 ohms nominal</td>
<td>Trunk Lid with 17’ RG58A/U Cable and Mini-UHF Connector</td>
<td>Chrome</td>
</tr>
</tbody>
</table>

**http://www.mot.com/accesspoint**
**VHF ANTENNAS**

- **Part Number:** HAD4010A  
  **Frequency:** 136-144 MHz  
  **Power:** 150 watts, maximum  
  **Gain:** Unity, nominal  
  **VSWR:** Less than 1.5:1  
  **Impedance:** 50 ohms, nominal  
  **Mounting Kit:** Trunk Lid with 17’ RG58A/U Cable and Mini-UHF Connector  
  **Nut:** Chrome

- **Part Number:** HAD4011A  
  **Frequency:** 144-150 MHz  
  **Power:** 150 watts, maximum  
  **Gain:** Unity, nominal  
  **VSWR:** Less than 1.5:1  
  **Impedance:** 50 ohms, nominal  
  **Mounting Kit:** Trunk Lid with 17’ RG58A/U Cable and Mini-UHF Connector  
  **Nut:** Chrome

- **Part Number:** HAD4013A  
  **Frequency:** 162-174 MHz  
  **Power:** 150 watts, maximum  
  **Gain:** Unity, nominal  
  **VSWR:** Less than 1.5:1  
  **Impedance:** 50 ohms, nominal  
  **Mounting Kit:** Trunk Lid with 17’ RG58A/U Cable and Mini-UHF Connector  
  **Nut:** Chrome

- **Part Number:** RAD4010ARB  
  **Frequency:** 136-174 MHz  
  **Power:** 150 watts, maximum  
  **Gain:** 3 dB, nominal  
  **VSWR:** Less than 1.5:1  
  **Impedance:** 50 ohms, nominal  
  **Mounting Kit:** Roof Mount with 17’ RG58A/U Cable and Mini-UHF Connector  
  **Nut:** Chrome

- **Part Number:** RAD4010ATB  
  **Frequency:** 136-174 MHz  
  **Power:** 150 watts, nominal  
  **Gain:** 3 dB, nominal  
  **VSWR:** Less than 1.5:1  
  **Duty:** Heavy  
  **Impedance:** 50 ohms, nominal  
  **Mounting Kit:** Trunk Lid with 17’ RG58A/U Cable and Mini-UHF Connector  
  **Nut:** Chrome

- **Part Number:** RAD4002ARA  
  **Frequency:** 152-162 MHz  
  **Power:** 150 watts, maximum  
  **Gain:** Unity  
  **VSWR:** Less than 1.5:1  
  **Impedance:** 50 ohms, nominal  
  **Mounting Kit:** Roof Mount with 17’ RG58A/U Cable and PL259 Connector  
  **Nut:** Black Polymer
# MAXTRAC Series Antennas

## VHF Antenna

**VHF Antenna Only**
- **Part Number:** RAD4010A
  - Frequency: 140-174 MHz

- **Part Number:** 0180355A47
  - Frequency: 152-162 MHz
  - Nut: Black Polymer

**VHF Replacement Whips**
- **Part Number:** 0180352A04
  - Frequency: 132-136 MHz
  - Nut: Chrome

- **Part Number:** 0180352A05
  - Frequency: 136-144 MHz
  - Nut: Chrome

- **Part Number:** 0180352A06
  - Frequency: 144-152 MHz
  - Nut: Chrome

- **Part Number:** 0180352A07
  - Frequency: 152-162 MHz
  - Nut: Chrome

- **Part Number:** 0180352A08
  - Frequency: 162-174 MHz
  - Nut: Chrome

## UHF Antennas

### Part Number: HAE4003A
- **Frequency:** 450-470 MHz
- **Power:** 150 watts, maximum
- **Gain:** Unity, nominal
- **VSWR:** Less than 1.5:1
- **Impedance:** 50 ohms, nominal
- **Mounting Kit:** Roof Mount with 14’ RG58A/U Cable and Mini-UHF Connector
- **Nut:** Chrome

### Part Number: HAE4007A
- **Frequency:** 450-470 MHz
- **Power:** 150 watts, maximum
- **Gain:** Unity, nominal
- **VSWR:** Less than 1.5:1
- **Impedance:** 50 ohms, nominal
- **Mounting Kit:** Trunk Lid Mount with 17’ RG58A/U Cable and Mini-UHF Connector
- **Nut:** Chrome

### Part Number: RAE4022ARA
- **Frequency:** 450-470 MHz
- **Power:** 150 watts, maximum
- **Gain:** Unity
- **VSWR:** Less than 1.5:1
- **Impedance:** 50 ohms, nominal
- **Mounting Kit:** Roof Mount with 17’ RG58A/U Cable and PL259 Connector
- **Nut:** Black Polymer

**Part Number:** HAE4002A
- **Frequency:** 406-420 MHz
- **Power:** 150 watts, maximum
- **Gain:** Unity
- **VSWR:** Less than 1.5:1
- **Impedance:** 50 ohms, nominal
- **Mounting Kit:** Roof Mount with 17’ RG58A/U Cable and Mini-UHF Connector

**Part Number:** 0180355A47
- **Frequency:** 152-162 MHz
- **Nut:** Black Polymer

**Part Number:** 0180352A04
- **Frequency:** 132-136 MHz
- **Nut:** Chrome

**Part Number:** 0180352A05
- **Frequency:** 136-144 MHz
- **Nut:** Chrome

**Part Number:** 0180352A06
- **Frequency:** 144-152 MHz
- **Nut:** Chrome

**Part Number:** 0180352A07
- **Frequency:** 152-162 MHz
- **Nut:** Chrome

**Part Number:** 0180352A08
- **Frequency:** 162-174 MHz
- **Nut:** Chrome
### UHF ANTENNAS

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<tbody>
<tr>
<td>RAE4014ARB</td>
<td>445-470 MHz</td>
<td>150 watts, maximum</td>
<td>5 dB, nominal</td>
<td>Less than 1.5:1</td>
<td>50 ohms nominal</td>
<td>Roof Mount with 17’ RG58A/U Cable and Mini-UHF Connector</td>
<td>Chrome</td>
</tr>
<tr>
<td>RAE4014ATB</td>
<td>445-470 MHz</td>
<td>150 watts, maximum</td>
<td>5 dB, nominal</td>
<td>Less than 1.5:1</td>
<td>50 ohms nominal</td>
<td>Trunk Lid with 17’ RG58A/U Cable and Mini-UHF Connector</td>
<td>Chrome</td>
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<tr>
<td>RAE4004ARB</td>
<td>445-470 MHz</td>
<td>150 watts, maximum</td>
<td>5 dB, nominal</td>
<td>Less than 1.5:1</td>
<td>50 ohms nominal</td>
<td>Roof Mount with 17’ RG58A/U Cable and Mini-UHF Connector</td>
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<tr>
<td>RAB4002ARB</td>
<td>30-36 MHz</td>
<td>100 watts, maximum</td>
<td>Unity, nominal</td>
<td>Less than 1.5:1</td>
<td>50 ohms nominal</td>
<td>Roof Mount with 17’ RG58A/U Cable and Mini-UHF Connector</td>
<td>Chrome</td>
</tr>
<tr>
<td>RAB4003ARB</td>
<td>36-42 MHz</td>
<td>100 watts, maximum</td>
<td>Unity, nominal</td>
<td>Less than 1.5:1</td>
<td>50 ohms nominal</td>
<td>Roof Mount with 17’ RG58A/U Cable and Mini-UHF Connector</td>
<td>Chrome</td>
</tr>
<tr>
<td>RAB4004ARB</td>
<td>42-50 MHz</td>
<td>100 watts, maximum</td>
<td>Unity, nominal</td>
<td>Less than 1.5:1</td>
<td>50 ohms nominal</td>
<td>Roof Mount with 17’ RG58A/U Cable and Mini-UHF Connector</td>
<td>Chrome</td>
</tr>
</tbody>
</table>

### UHF Antenna Only

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Frequency</th>
<th>Nut</th>
</tr>
</thead>
<tbody>
<tr>
<td>0180352A11</td>
<td>450-470 MHz</td>
<td>Chrome</td>
</tr>
<tr>
<td>0180355A48</td>
<td>450-470 MHz</td>
<td>Black Polymer</td>
</tr>
<tr>
<td>RAE4014A</td>
<td>455-470 MHz</td>
<td></td>
</tr>
</tbody>
</table>
800 MHZ ANTENNAS

Part Number: HAF4002A
Frequency: 806-900 MHz
Power: 100 watts
Gain: Unity
Impedance: 50 ohms
Mounting Kit: Roof Mount with 14’ RG58A/U Cable and Mini-UHF Connector
Nut: Chrome

Part Number: RAF4011ARL
Frequency: 806-869 MHz
Power: 100 watts
Gain: Unity
VSWR: Less than 1.5:1
Impedance: 50 ohms, nominal
Mounting Kit: Roof Mount with 17’ Low Loss Cable and PL259 Connector
Nut: Black Polymer

800 MHZ ANTENNAS

Part Number: RRA4933A
Frequency: 825-890 MHz
Power: 100 watts
Gain: 3 dB
Impedance: 50 ohms
Mounting Kit: Roof Mount with 14’ RG58A/U Cable and Mini-UHF Connector
Nut: Chrome

Part Number: RAF4001ARM
Frequency: 806-867 MHz
Power: 100 watts
Gain: 3 dB
Impedance: 50 ohms
Mounting Kit: Roof Mount with 14’ Low Loss Cable and Mini-UHF Connector
Nut: Chrome

Antenna Only
Part Number: 0180355A49
Frequency: 806-869 MHz
Nut: Black Polymer
**Radio Interface Box**
Links radio programming cable and computer interface together. Provides required voltage shift to enable communications between radio and computer. Requires computer interface cable, radio programming cable, and a 9 volt snap type battery (6082728J01) or wall mount power supply, order separately.

**Test Adapter**
Used to manually key radio. Must be attached to Program/Test Cable

**Wall Mount Power Supply**
Used to supply power to Radio Interface Box.

**Program/Test Cable**
Required to program radio; acts as a link between Radio Interface Box and radio.
SERVICE AIDS

**Computer Interface Cable**
Used to connect computer's serial adapter to Radio Interface Box.
- 3080369B71 Computer Interface Cable; RIB to 25 pin D
- 3080369B72 Computer Interface Cable; RIB to 9 pin D

**VCO Test Cable**
Provides interface between RF board and test equipment.
- 3080373B41 VCO Test Cable

**Programming Software**
Utilizing your personal computer, this software enables you to add/or reprogram frequencies as your requirements change. Compatible with IBM XT, AT, Model 30, 50, 60 and 80. Requires Radio Interface Box and proper cables; order separately.

**Conventional**

**Duplex, Trunked**

Please refer to the Test Equipment/Shop Supplies Section of the Buyers Source Book for additional Service Tools and Service Aids.

SERVICE MANUALS

**50/100/300 Series**
- 6880102W84 Service Manual
- 6880900Z18 Owner’s Manual, MAXTRAC 50
- 6880901Z04 Owner’s Manual, MAXTRAC 100
- 6880900Z17 Operator’s Card, MAXTRAC 50
- 6880101W68 Operator’s Card, MAXTRAC 100
- 6880900Z46 Operator’s Card, MAXTRAC 300 (16-Channel)
- 6880101W96 Operator’s Card, MAXTRAC 300 (8-Channel)

**820/840 Series**
- 6880102W84 Service Manual
- 6880900Z54 Owner’s Manual
- 6880900Z50 Operator’s Card, MAXTRAC 820
- 6880101W94 Operator’s Card, MAXTRAC 840
Microphones
HMN1035C Palm Microphone, full size
HMN1056D Compact Palm Microphone
HMN4016A Noise Canceling Microphone, screens out background noise
HMN1037B Non-Backlit DTMF Microphone for 100/300 models
HMN3013A Non-Backlit DTMF Microphone for 1820/840 models
TDN8305B Backlit DTMF Microphone

Microphone Accessories
HLN9073B Microphone Hand-Up Clip
HLN9559A 7’ Coil Cord for microphones HMN1035 and HMN1056
HLN9560A 10.5’ Coil Cord for microphones HMN1035 and HMN1056

Speakers
Provides a separate speaker for high noise environments.
HSN4019B External Speaker, 5 watt (requires 5 pin options connector)
HSN9326A External Speaker, 5 watt (requires 16 pin options connector)

Public Address Accessories
HLN3145BR Public Address Kit, control switch panel for public address with cables (requires HSN1000B)
HSN1000B Public Address Speaker, 6 watt
HKN9323A Speaker Cable, public address, 8 ft.
HKN9324AR Speaker Cable, public address, 15 ft.

Mounting Hardware
Multiple mounting options are available. Key lock mount secures the radio with a two-piece detachable trunnion that locks together. Extra stability mount provides added stability to help protect your radio from high vibration environments. Standard and floor mounts also available.

HLN426A Key Lock Mount (VHF/UHF)
HLN9673A Key Lock Mount (for lowband and 800 MHz)
HLN5226B Extra Stability Mount, used with non-locking trunnion
HLN189A Non-locking Trunnion (for 820/840 series only)
HLN9450A Floor Mount, 45 Degrees/60 Degrees Wedge (for 100/300 model only)
HLN9404A Installation Sleeve Mounting Hardware (for 35 and 60 watt and low band models) for use with HLN9450A

Quick Release Slide Mount
The quick release slide mounts are easy to install and are available with a variety of mounting brackets which allow installation in any location within a vehicle.
RLN4091A Slide Mount Kit; includes vehicle mount (RLN4092A), radio mount (RLN4093A), and mounting hardware
RLN4092A Vehicle Mount Only, with hardware
RLN4093A Radio Mount Only, with hardware
RLN4094A Bracket for high power/lowband radio
RLN4077A Angle Bracket with 20 degrees Fixed Angle and 50 Degrees Swivel
RLN4078A Flat Bracket with 50 Degrees Swivel

Ignition Switch Cable
HKN4284A Ignition Switch Cable (5 pin connector)
HKN9327A Ignition Switch Cable (16 pin connector)
**Alarm Accessories**

- **HLN9328C** External Alarm Relay Cable, (MAXTRAC 300—16 pin connector and 800 MHz display models only)
- **HLN9374C** External Alarm Relay Cable, (MAXTRAC 100—5 pin connector and 800 MHz non-display models and 900 MHz models)
- **HLN9329B** Emergency Alarm Pushbutton
- **HLN9330B** Emergency Alarm Footswitch

**Control Station Kits**

Allows you to operate the radio from the convenience of your desktop. Control Station Package includes: power supply, adapter cable, black desk microphone and base tray.

- **HLN3035C** Low Power Control Station Package (1-25 watt models)
- **HLN3199C** High Power Control Station Package (25-60 watt models)

**Control Station Accessories**

- **HPN4002B** Power Supply (1-25 watt)
- **HPN4001B** Power Supply (25-60 watt)
- **HMN3000B** Standard Desktop Microphone, black
- **HMN1038D** Desktop Microphone, beige
- **HLN5292BR** Base Station Tray
- **HKN4139A** Power Cable for low power control station
- **HKN9455A** Power Cable for high power control station

NOTE: Accessories are available for all MAXTRAC series radios unless otherwise specified.

**Antenna Adapter**

- **5800367B22** Mini-UHF to UHF Antenna Adapter
- **2880376E84** Mini-UHF Antenna Connector

**Miscellaneous**

- **HLN9457A** Accessory Plug and 16 Pins
- **HKN9557A** Mini-UHF Adapter Cable
- **HLN3146A** DTMF Decoder Board (requires soldering and 16 pin connector)

**Antennas**

- **800 MHz**
  - **HAF4002A** 1/4 Wave, roof top (806-900 MHz)
  - **RRA4983A** 3dB, roof top (806-900 MHz)
  - **900 MHz**
    - **RRA4935A** 3dB, roof top w/14 ft. cable (890-960 MHz)
  - **RAF4003ARM** 3dB, roof top w/22 ft. cable (860-960 MHz)
- **VHF**
  - **HAD4006A** 1/4 Wave, roof top (136-144 MHz)
  - **HAD4007A** 1/4 Wave, roof top (144-152 MHz)
  - **HAD4008A** 1/4 Wave, roof top (150.8-162 MHz)
  - **HAD4009A** 1/4 Wave, roof top (162-174 MHz)
  - **RAD4010ARB** 3dB, roof top (136-174 MHz)
- **UHF**
  - **HAE4002A** 1/4 Wave, roof top (403-430 MHz)
  - **HAE4003A** 1/4 Wave, roof top (340-400 MHz)
  - **HAE4004A** 1/4 Wave, roof top (470-512 MHz)
  - **HAE4010A** 3.5dB, roof top (406-420 MHz)
  - **HAE4011A** 3.5dB, roof top (450-470 MHz)
  - **HAE4012A** 3.5dB, roof top (470-495 MHz)
  - **HAE4013A** 3.5dB, roof top (494-512 MHz)
- **Low Band**
  - **RAB4002ARB** 1/4 Wave Base Loaded Antenna (29.7-36.0 MHz)
  - **RAB4003ARB** 1/4 Wave Base Loaded Antenna (36-42 MHz)
  - **RAB4004ARB** 1/4 Wave Base Loaded Antenna (42-50 MHz)

**Service Manual**

- **6880102W84** Service Manual, Low, UHF, VHF, and 800 MHz

**Mobile Accessories and Service Manuals**

http://AccessSecure.mot.com/Accesspoint