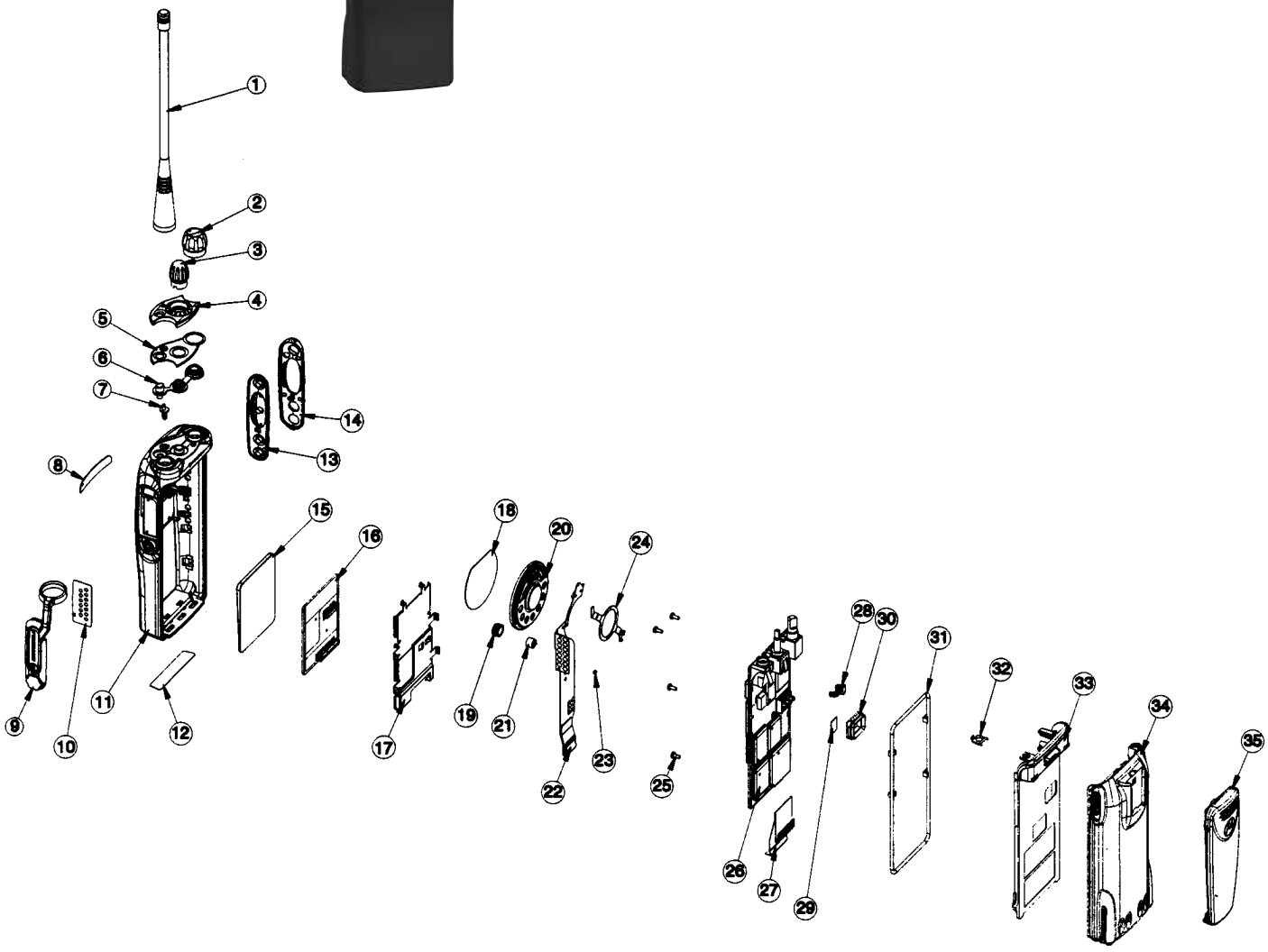
MOTOROLA

# HT750 Series

*Parts List*



# HT750 Series

## Parts List

| REF. NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | --- | Antenna (see service manual) |
| 2 | **3680529Z01** | Knob, Volume |
| 3 | **3680530Z02** | Knob, Channel Selector |
| 4 | **1380525Z01** | Escutcheon, Top |
| 5 | **3385681Z01** | Escutcheon, Label |
| 6 | **3280533Z03** | Seal, Control Top |
| 7 | **6180527Z01** | Litepipe, Tx |
| 8 | --- | Nameplate, PRO5150 DTMF |
| | | Nameplate, PRO5150 – not available |
| 9 | **HLN9820A** | Dust Cover, Universal Connector |
| 10 | **1386058A01** | Escutcheon, Universal Flex |
| 11 | **1580666Z03** | Front Cover, Basic |
| | **1580666Z04** | Front Cover with Keypad (DTMF) |
| 12 | Not Field Replaceable | Escutcheon, FM |
| 13 | **7580532Z01** | Keypad, Side Control |
| 14 | **1380528Z01** | Bezel, Side Control |
| 15 | **7585680Z03** | Keypad, Blank |
| | **7585680Z04** | Keypad, Full |
| 16 | **0104007J99** | Keypad Board Assembly |
| 17 | **4280498Z01** | Retainer, Keypad PCB |
| 18 | **3586057A01** | Felt Speaker |
| 19 | **1480577C01** | Boot, Microphone |
| 20 | **5085738Z01** | Speaker |
| 21 | **5013920A04** | Microphone |
| 22 | **8480549Z07** | Flex, Speaker-Microphone |
| 23 | **2113740A41** | Capacitor, 33pF |
| 24 | **4280504Z01** | Retainer, Speaker |
| 25 | **0304726J04** | Screw |
| 26 | See detailed service manual | Ctrl/RF Board Assembly |
| 27 | **8480475Z03** | Flex, Keypad/Controller |
| 28 | **1485673Z01** | Insulator, Antenna |
| 29 | **7580556Z01** | Pad, Thermal |
| 30 | **3280534Z01** | Seal, Contact |
| 31 | **3280536Z01** | Gasket, "O" Ring |
| 32 | **3980698Z01** | Contact, Ground, Compliant, VHF |
| 33 | **2780518Z01** | Chassis |
| 34 | --- | Battery (see service manual) |
| 35 | **HLN9714A** | Beltclip |

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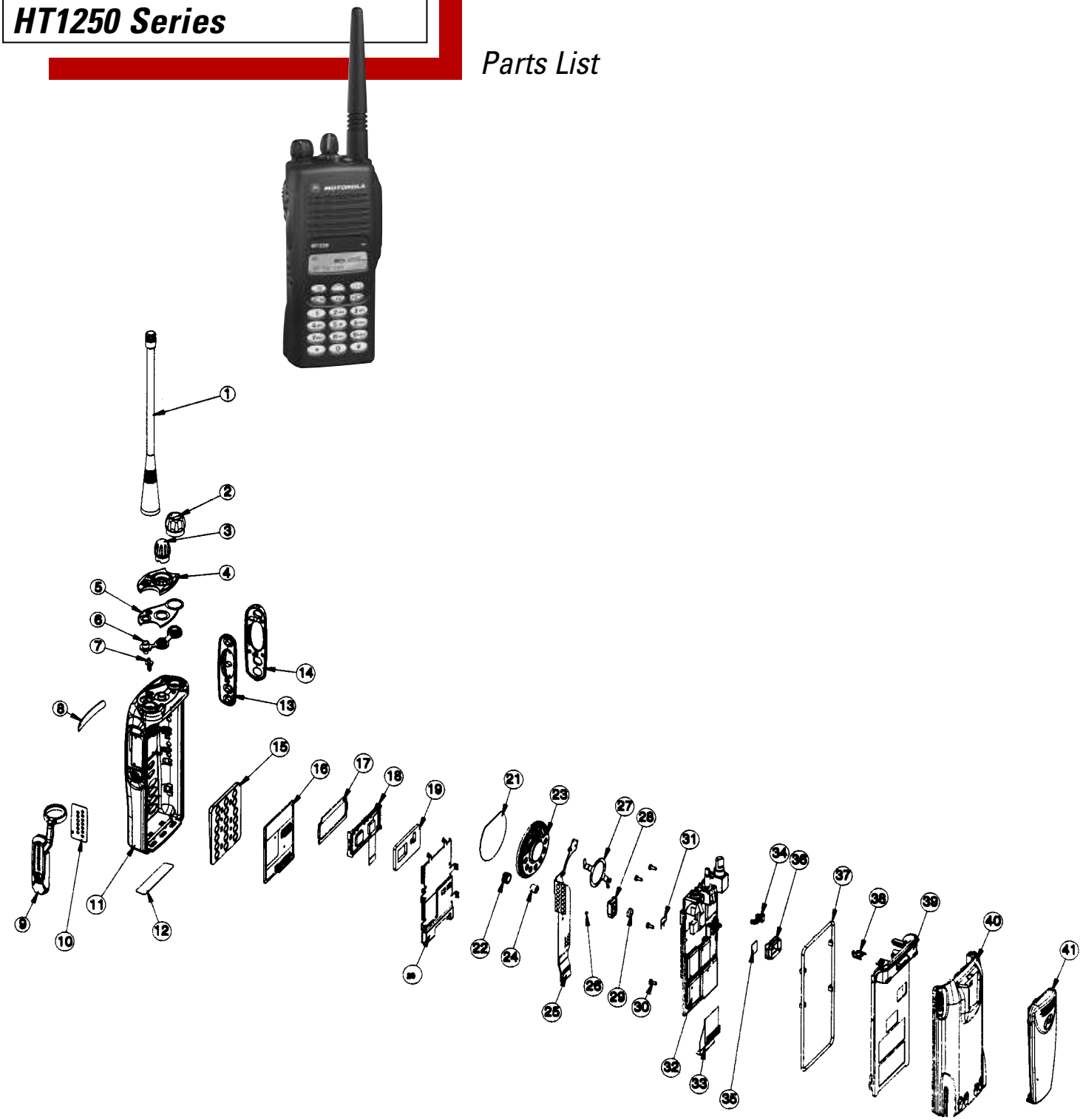
# HT1250 Series

*Parts List*



# HT1250 Series

## Parts List

| REF. NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | --- | Antenna (see service manual) |
| 2 | **3680529Z01** | Knob, Volume |
| 3 | **3680530Z02** | Knob, Channel Selector |
| 4 | **1380525Z01** | Escutcheon, Top |
| 5 | **3385681Z01** | Escutcheon, Label |
| 6 | **3280533Z03** | Seal, Control Top |
| 7 | **6180527Z01** | Litepipe, Tx |
| 8 | --- | Nameplate, PRO7150 – not available |
| | | Nameplate, PRO7350 – not available |
| | | Nameplate, PRO7450 – not available |
| 9 | **HLN9820A** | Dust Cover, Universal Connector |
| 10 | **1386058A01** | Escutcheon, Universal Flex |
| 11 | **1580666Z01** | Front Cover with DTMF |
| | **1580666Z02** | Front Cover without DTMF |
| 12 | --- | Escutcheon, FM – not field replaceable |
| 13 | **7580532Z01** | Keypad, Side Control |
| 14 | **1380528Z01** | Bezel, Side Control |
| 15 | **7586175Z01** | Keypad, Basic |
| | **7585680Z02** | Keypad, Full |
| 16 | **0104007J99** | Keypad Board Assembly |
| 17 | **7580540Z01** | Pad Display |
| 18 | **5104949J09** | LCD Module |
| 19 | **7580637Z01** | Pad, LCD Back |
| 20 | **4280498Z01** | Retainer, Keypad PCB |
| 21 | **3586057A01** | Felt Speaker |
| 22 | **1480577C01** | Boot, Microphone |
| 23 | **5085738Z01** | Speaker |
| 24 | **5013920A04** | Microphone |

| REF. NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 25 | **8480549Z07** | Flex, Speaker-Microphone |
| 26 | **2113740A41** | Capacitor, 33pF |
| 27 | **4280504Z01** | Retainer, Speaker |
| 28 | **1480503Z01** | Boot, Backup Battery |
| 29 | **6062884K01** | Backup Battery |
| 30 | **0304726J04** | Screw |
| 31 | **3980667Z01** | Contact, Finger |
| 32 | See detailed manual | Ctrl/RF Board Assembly |
| 33 | **8480475Z03** | Flex, Keypad/Controller |
| 34 | **1485673Z01** | Insulator, Antenna |
| 35 | **7580556Z01** | Pad, Thermal |
| 36 | **3280534Z01** | Seal, Contact |
| 37 | **3280536Z01** | Gasket, "O" Ring |
| 38 | **3980698Z01** | Contact, Ground, Compliant |
| 39 | **2780518Z01** | Chassis |
| 40 | --- | Battery (see service manual) |
| 41 | **HLN9714A** | Beltclip |

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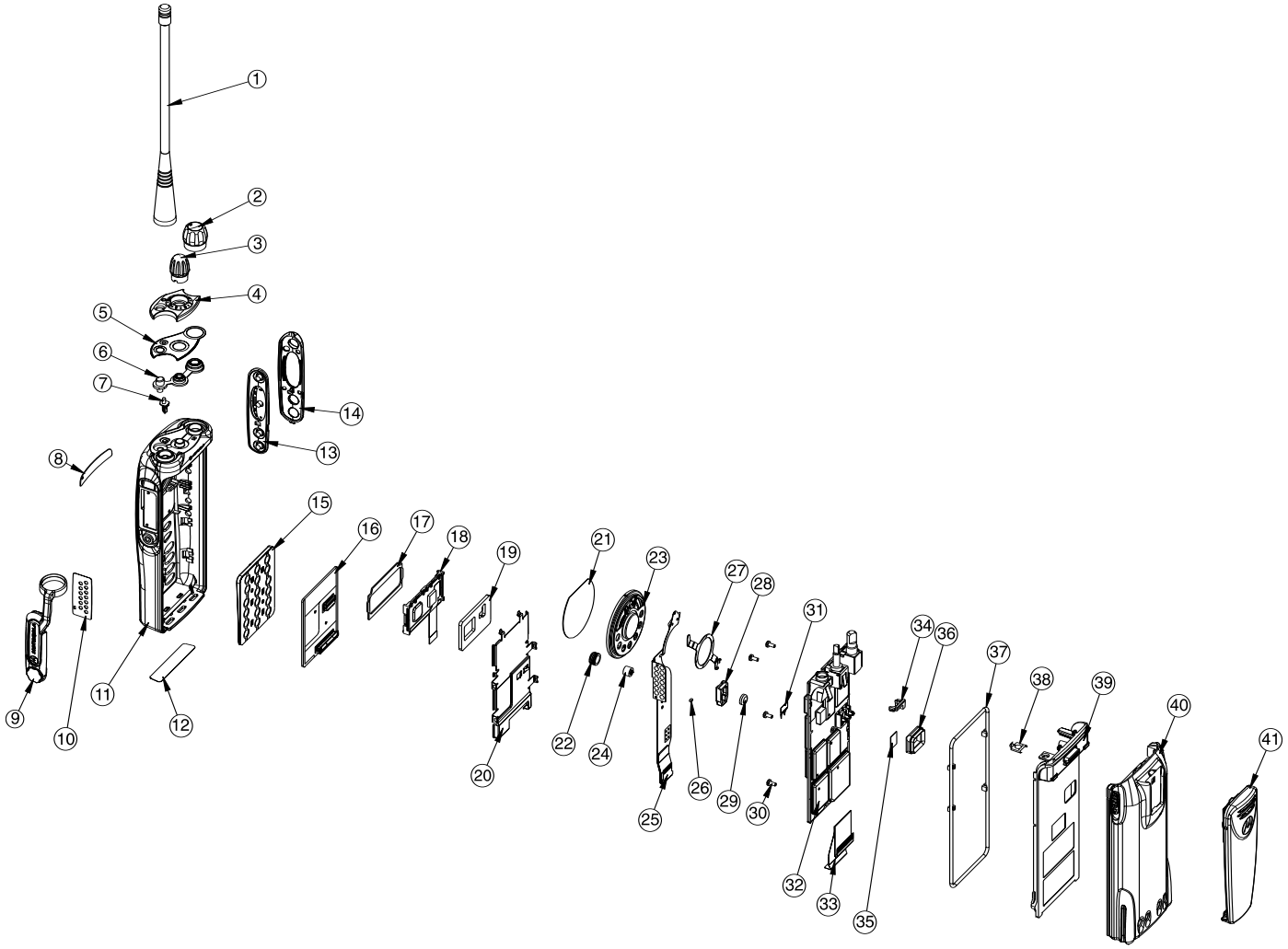
# HT1250•LS Series

## Parts List



# HT1250•LS Series

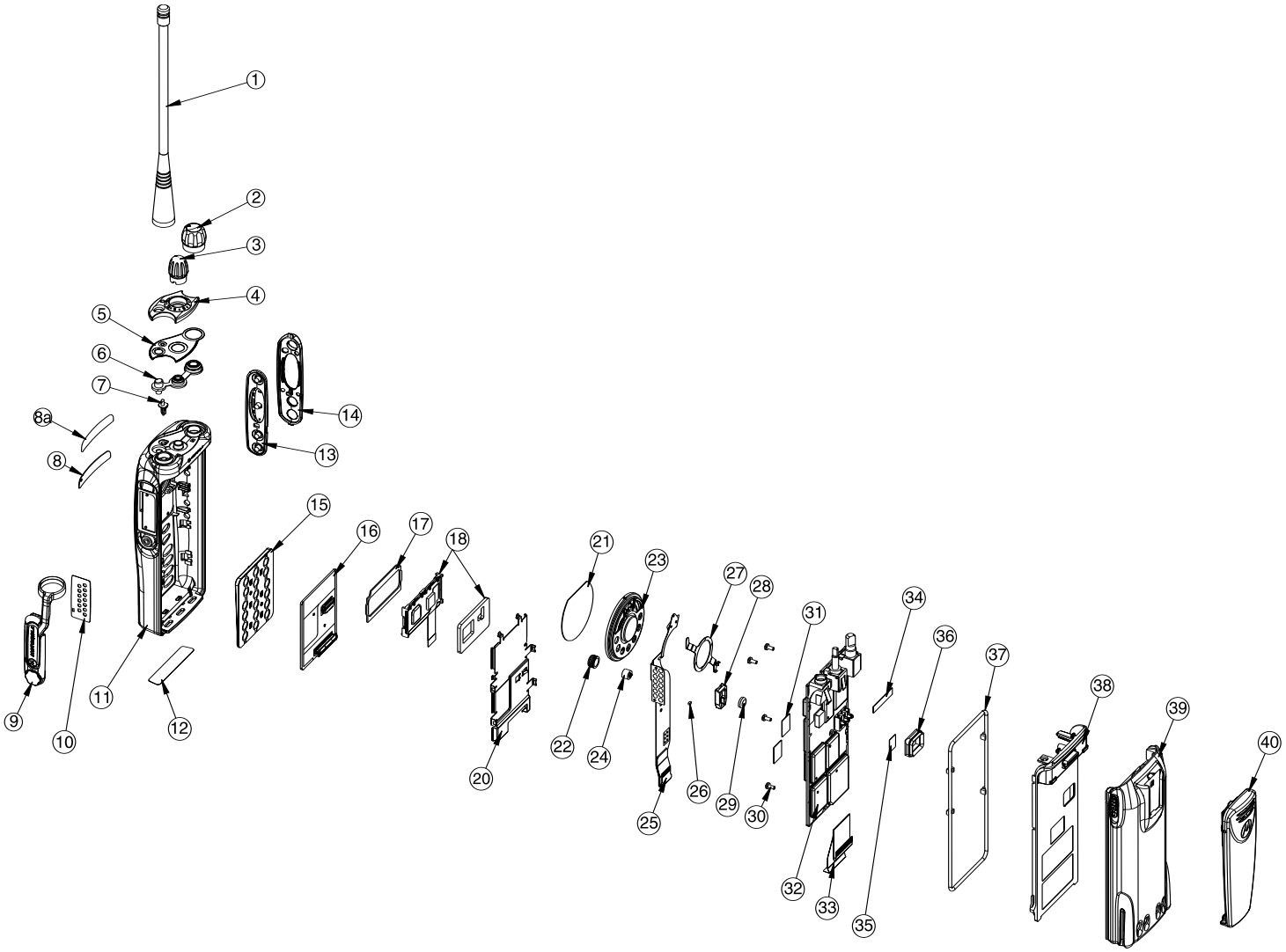
## Parts List

| REF. NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | Please refer to antenna section | Antenna |
| 2 | **3680529Z01** | Knob, Volume |
| 3 | **3680530Z01** | Knob, Channel Selector |
| 4 | **1380525Z01** | Escutcheon, Top |
| | **1380525Z03** | Escutcheon, Top (dotted), HT1250•LS |
| 4a | **3385681Z01** | Knob, Channel Selector Interior |
| 5 | **3380644Z01** | Escutcheon, Label |
| 6 | **3280533Z01** | Seal, Control Top |
| 7 | **6180527Z01** | Litepipe, Tx |
| 8 | **HLN9962** | Nameplate, HT1250 |
| | **HLN9964** | Nameplate, HT1250•LS |
| 9 | **1586059A01** | Dust Cover, Universal Connector |
| 10 | **1386058A01** | Escutcheon, Universal Flex |
| 11 1 | **580666Z01** | Front Cover with Limited Keypad |
| | **1580666Z02** | Front Cover with Full Keypad |
| 12 | Not Field Replaceable | Escutcheon, FM |
| 13 | **7580532Z01** | Keypad, Side Control |
| 14 | **1380528Z01** | Bezel, Side Control |
| 15 | **7586175Z01** | Keypad, Basic |
| | **7585680Z02** | Keypad, Full |
| 16 | **0104007J99** | Keypad Board Assembly |
| 17 | **7580540Z01** | Pad Display |
| 18 | **5104949J05** | LCD Module |
| 19 | **7580637Z01** | Pad, LCD Back |

| REF. NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 20 | **4280498Z01** | Retainer, Keypad PCB |
| 21 | **3586057A01** | Felt Speaker |
| 22 | **1480577C01** | Boot, Microphone |
| 23 | **5085962A02** | Speaker |
| 24 | **5013920A04** | Microphone |
| 25 | **8480549Z01** | Flex, Speaker-Microphone |
| 26 | **2113740A41** | Capacitor, 33pF |
| 27 | **4280504Z01** | Retainer, Speaker |
| 28 | **1480503Z01** | Boot, Backup Battery |
| 29 | **6062884G01** | Backup Battery |
| 30 | **0304726J04** | Screw |
| 31 | **3980667Z01** | Contact, Finger |
| 32 | --- | Ctrl/RF Board Assembly |
| 33a | **8480475Z02** | Flex, Keypad/Controller |
| 33b | **2780518Z03** | Chassis |
| 34 | **1480652Z01** | Insulator, Antenna |
| 35 | **7580556Z01** | Pad, Thermal |
| 36 | **3280534Z01** | Seal, Contact |
| 37 | **3280536Z01** | Gasket, O-Ring |
| 38 | **3980698Z01** | Contact, Ground, Compliant |
| 39 | **2780518Z01** | Chassis |
| 40 | Please refer to battery section | Battery |
| 41 | **HLN9714** | Beltclip |

# HT1250•LS+ Series

## Parts List



# HT1250•LS+ Series

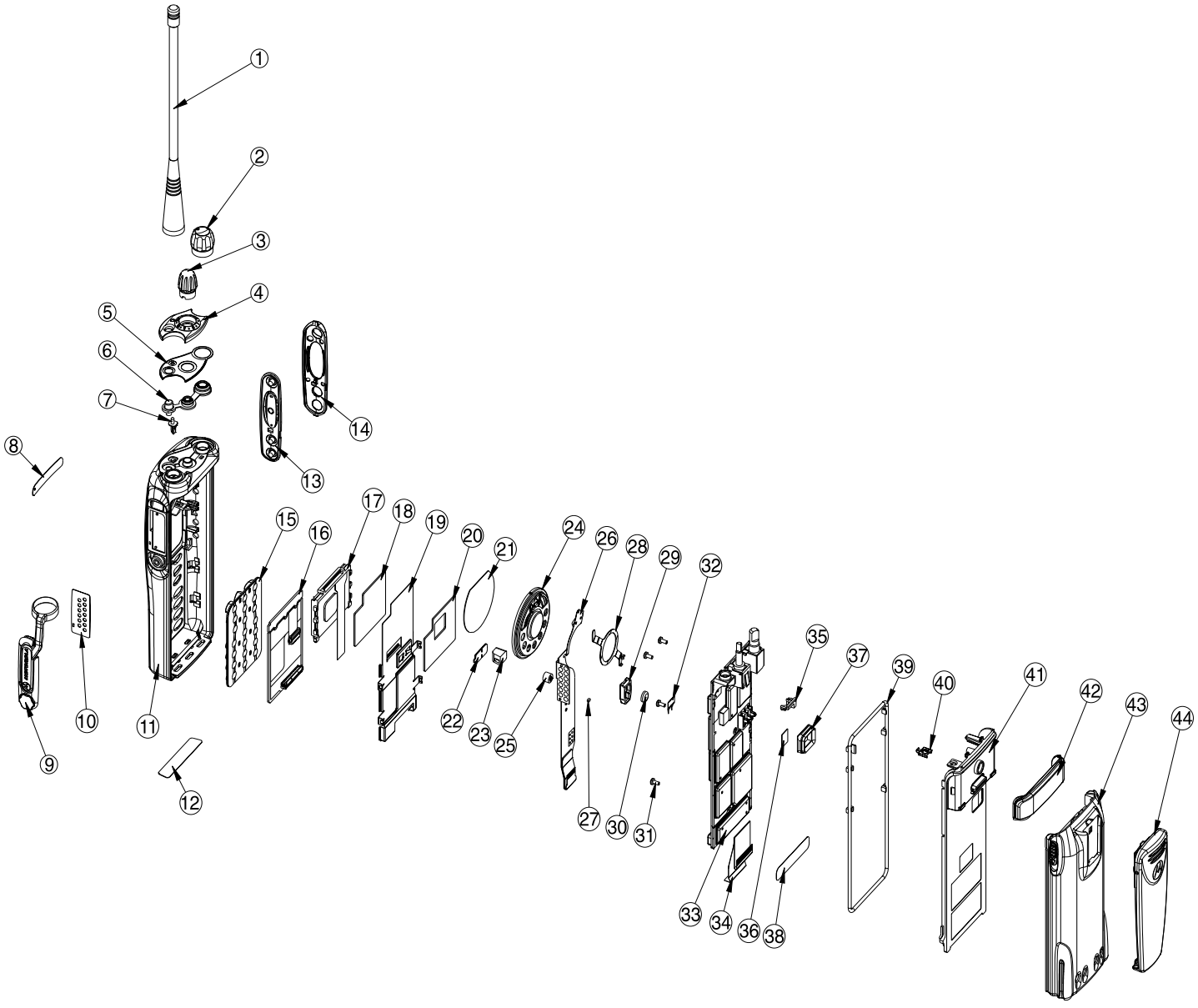
## Parts List

| REF. NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | Please refer to antenna section | Antenna |
| 2 | **3280529Z01** | Knob, Volume |
| 3 | **3280530Z02** | Knob, Frequency |
| 4 | **1380525Z03** | Escutcheon, Top (Dotted) |
| 5 | **3385681Z01** | Escutcheon, Label |
| 6 | **3280533Z03** | Seal, Control Top |
| 7 | **6180527Z01** | Litepipe, Tx |
| 8 | **3380565Z27** | Nameplate, HT1250•LS + 200 MHz |
| | **3380565Z28** | Nameplate, HT1250•LS + 700 MHz |
| 8a | **3386269Z01** | Escutcheon, Motorola logo |
| 9 | **1586059A01** | Dust Cover, Univ Conn |
| 10 | **1386058A01** | Escutcheon, Univ Flex |
| 11 | **1586335Z01** | Front Cover Limited KPD |
| | **1586335Z02** | Front Cover DTMF |
| 12 | --- | Escutcheon, FM (Not field replaceable) |
| 13 | **7580532Z01** | Keypad, Side Control |
| 14 | **1380528Z01** | Bezel, Side Control |
| 15 | **7586265Z01** | Keypad, Basic |
| | **7586265Z02** | Keypad, Full |
| 16 | **0104015J14** | PassPort Keypad Board Assembly |
| 17 | **7580540Z02** | Pad Display |
| 18 | **5104949J09** | LCD Module |

| REF. NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 20 | **4286266Z01** | Retainer, Keypad PCB |
| 21 | **3586057A02** | Felt, Speaker |
| 22 | **1480577C01** | Boot, Microphone |
| 23 | **5085738Z03** | Speaker |
| 24 | **5013920A04** | Microphone |
| 25 | **8480549Z07** | Flex Speaker-Microphone |
| 26 | **2113740A41** | Cap, 33pF |
| 27 | **4280504Z01** | Retainer, Speaker |
| 28 | **1480503Z01** | Boot, Backup Battery |
| 29 | **6080656Z01** | Backup Battery |
| 30 | **0304726J05** | Screw |
| 31 | **7580671Z01** | Pad |
| 32 | --- | Ctrl/RF Board Assembly |
| 33 | **8480475Z03** | Flex, Keypad/Controller |
| 34 | **7585746Z01** | Pad, EMI, 700 MHz |
| 35 | **7580556Z01** | Pad, Thermal |
| 36 | **3280534Z01** | Seal, Contact |
| 37 | **3280536Z01** | Gasket, O-Ring |
| 38 | **2780518Z03** | Chassis |
| 39 | Please refer to battery section | Battery |
| 40 | **HLN9714** | Beltclip |

# HT1550•XLS Series

*Parts List*



# HT1550•XLS Series

## Parts List

| REF. NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | Please refer to antenna section | Antenna |
| 2 | **3280529Z01** | Knob, Volume |
| 3 | **3680530Z01** | Knob, Frequency |
| 4 | **1380525Z03** | Escutcheon, Top (Dotted) |
| 5 | **3380644Z01** | Escutcheon, Label |
| 6 | **3280533Z01** | Seal, Control Top |
| 7 | **6180527Z01** | Litepipe, Tx |
| 8 | **HKLN4011A** | Nameplate, HT1550•XLS |
| 9 | **1586059A01** | Dust Cover, Univ Conn |
| 10 | **1386058A01** | Escutcheon, Univ Flex |
| 11 | **1580666Z02** | Front Cover DTMF |
| 12 | **1380649Z01** | *Escutcheon, FM (Not field replaceable) |
| 13 | **7580532Z01** | Keypad, Side Control |
| 14 | **1380528Z01** | Bezel, Side Control |
| 15 | **7586065A01** | Keypad |
| | **7586065A02** | |
| 16 | **0104008J38** | Keypad Board Assembly |
| 17 | **5105385Y57** | LCD Module |
| 18 | **7585659Z01** | Pad, Retainer Front |
| 19 | **4285660Z01** | Retainer, Keypad Board |
| 20 | **7585659Z02** | Pad, Retainer Back |
| 21 | **3586057A01** | Felt, Speaker |
| 22 | **3586170A01** | Felt, Mic |

| REF. NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 23 | **1405368W01** | Boot, Mic |
| 24 | **5085738Z03** | Speaker |
| 25 | **5005227J08** | Microphone |
| 26 | **8480549Z01** | Flex, Univ Conn |
| 27 | **2113740A41** | Cap, 33pF |
| 28 | **4280504Z01** | Retainer, Speaker |
| 29 | **1480503Z01** | Boot, Backup Battery |
| 30 | **6062884G01** | Backup Battery |
| 31 | **0304726J04** | Screw |
| 32 | **3980667Z01** | Contact, Finger (For UHF) |
| 33 | Typical | Ctrl/RF Board Assembly |
| 34 | **8485615Z02** | Flex, Keypad/Controller |
| 35 | **1480652Z01** | Insulator, Antenna |
| 36 | **7580556Z01** | Pad, Thermal |
| 37 | **3280534Z01** | Seal, Contact |
| 38 | **3380564Z01** | Label, Warning |
| 39 | **3280536Z02** | Gasket, O-Ring |
| 40 | **3980698Z01** | Contact, Ground (For VHF) |
| 41 | **2780518Z02** | Chassis |
| 42 | **1586178A01** | Shroud, Chassis |
| 43 | Please refer to battery section | Battery |
| 44 | **HLN9714** | Beltclip |

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# Portable Accessories

## Chargers

### Single and Six-Unit Chargers

Chargers can rapidly charge spare batteries in one to three hours.

**AAHTN3000D** 120V Rapid Rate Single Unit Intellicharger

**AAHTN3003D** 120V Six-Unit Rapid Rate (U.S. plug)

**NLN7967A** Wall Mount Kit for Six-Unit Charger

*AAHTN3000D*

**HLN9793A** Charger Insert Spacer – compatible with "A" version chargers only

**HLN9794B** Charger Insert Spacer – compatible with "B" or later version chargers only

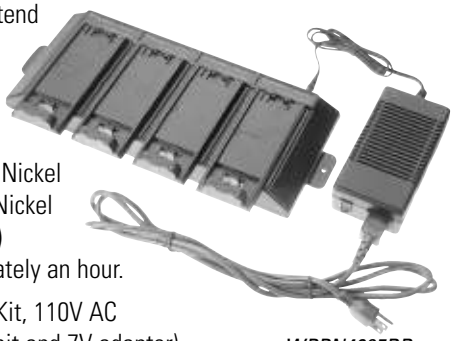
### MUC Accessories

**NLN7967A** Wall mount kit for multi-unit charger

## Chargers

### Motorola Conditioning Chargers

The MCC will help extend battery life and enhance battery operation. It will safely condition and charge your specified Nickel Cadmium (NiCd) and Nickel Metal Hydride (NiMH) batteries in approximately an hour.



*WPPN4065BR Shown With Optional Adapter Plates*

**WPLN4107BR** MCC Kit, 110V AC (includes both base unit and 7V adapter)

**WPLN4105AR** MCC Kit, 220 V AC (includes base unit and 7V adapter)

**WPLN4106AR** MCC Kit, 220V AC (includes both base unit and 7V adapter)

**WPPN4002BR** 110V AC Base Charge Unit only (order adapter plates separately)

**WPPN4006AR** 220V Base Charge Unit Only (order adapter plates separately)

**WPPN4065BR** Multi Unit Conditioning Charger, Four-Station Base, 110V (order adapter plate separately)

**WPPN4082AR** 7V Adapter Only

**3080384G15** Cigarette Lighter Adapter Cord

*RLN4814A*

**3080384M21** Hard Wire DC Cable. Ships standard with the RLN4814 Vehicular Mounting Kit

**RLN4814A** Vehicular Mounting Bracket for single unit Motorola Conditioning Charger

**HLN9179** Quick-Release Attachment for Mounting Bracket RLN4814

**HLN9228** Clamshell Attachment for Mounting Bracket RLN4814

## Battery Maintenance System$^{plus}$ (BMS$^{plus}$)

***Increase the useful life of your batteries.***

Using interchangeable battery adapters (sold separately), the BMS$^{plus}$ is capable of charging and discharging, analyzing, conditioning and cycle test on batteries; tracking battery voltage and capacity (mAh). The BMS$^{plus}$ offers a 3 year warranty. Its easy-to-use design supports hundreds of 2-way, cellular and camcorder batteries with printer port* (Serial-RS-232C port – uses female 9-pin to male 25-pin cable).

*WPLN4079BR*

**WPLN4079BR** Six-Station, 110V AC, 50/60 Hz

**WPLN4080BR** Six-Station, 230V AC, 50/60 Hz

**WPPN4085AR** BMS$^{plus}$ field Upgrade Kit for WPLN4079AR, WPLN4080AR and WPLN4081AR; allows these units to support Li-ion battery chemistries

**NDN4005B** Three-Station, 110V AC, 50/60 Hz (does not support Li-ion or 3-cell batteries)

**NDN4006B** Three-Station, 230V AC, 50/60 Hz (does not support Li-ion or 3-cell batteries)

### BMS$^{plus}$ Adapter

**WPPN4079AR** Adapter compatible with both Nickel Cadmium and Nickel Metal Hydride batteries. (Note: If used with TDN9430, requires installation of upgrade kit CDN6142.)

**WPPN4080AR** Adapter compatible with NiCd, NiMH, and Li-ion batteries, requires Li-ion capable BMSPlus

## Vehicular Charger

*RLN5233A*

This 12V DC charger is ideal for mobile customers. Capable of charging NiCd, NiMH, and Li-ion batteries. This durable unit comes with a metal mounting bracket. Its drop-in design makes it ideal for public safety users.

**RLN5233A** Vehicular Charger

## Travel Charger

**RLN4883A** Travel Charger kit includes a cigarette lighter adapter attached to a rapid charger and mounting bracket. Allows radio to be used while it is charging.

*RLN4883A*

### Travel Charger Mounting Bracket

**0780384K84** Universal Mounting Bracket for Travel Charger. Includes screws and nylon cord.

### Travel Charger AC Transformer

Travel charger AC transformer adapts onto the cigarette lighter adapter cord to allow it to be plugged into an AC wall outlet for indoor use.

**2580600E05** Transformer 120V (US)

**2580600E06** Transformer 230V (Euro)

**2580600E07** Transformer 230V (U.K.)

**2580600E08** Transformer 220V (Argentina)

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# Portable Accessories

## Vehicular Adapters

AAEN1006B

**AAEN1006B** Vehicular Adapter – VHF (136-174 MHz) Turns your portable radio into a mobile. Antenna adapter allows automatic switching to external vehicle-mounted antenna (antenna sold separately). Includes, hand-held mobile microphone, cables, battery spacers and installation kit. Recommend 3dB gain antenna.

**AAEN1007B** Vehicular Adapter – UHF (403-470 MHz) Turns your portable radio into a mobile. Antenna adapter allows automatic switching to external vehicle-mounted antenna (antenna sold separately). Includes, hand-held mobile microphone, cables, battery spacers and installation kit. Recommend 3dB gain antenna.

**GSN6059A** 13 Watt External Speaker. Used with AAEN1006 and AAEN1007 vehicular adapters

**0780384K84** Universal Mounting Bracket for Travel Charger. Includes screws and nylon cord.

**ENLN4103A** Replacement VHF Antenna Adapter

**ENLN4104A** Replacement UHF Antenna Adapter

**ENKN4002A** Programming Cable for Vehicular Adapters (required when using external speaker and/or with LS radios)

**ENLN4117A** Vehicle Connector Kit

**GKN6270A** DC Power cable - Interconnects radio to power supply (HT1250•LS+ - not compatible with 200 & 700 MHz models)

**GMN6146C** Mobile Microphone

### Software and Manuals for Vehicular Adapters AAEN1006B and AAEN1007B (included in kits)

**8264934B01** Programming Firmware

**6881093C78** User Manual

**6881093C79** Technical Manual

## Battery Optimizing System II (BOS II)

WPLN4124AR

No other battery analyzer matches the speed, accuracy, and versatility of the Battery Optimizing System II. Ideal for large fleet, public safety, and all other users who rely on their battery performance. Now with increased power, more sophisticated programming options, and easier to use navigation paths, optimizing your batteries was never easier. Key features include:

- Support for NiCd, NiMH, Li-ion, and SLA batteries
- 100 watt power supply and programmable from 100 mAH to 4 amps per station
- Interchangeable adapters accomodate all major brands
- Includes a variety of user programs and allows for customizable programming
- Proprietary recondition cycle restores NiCd and NiMH batteries
- Increased processing power and testing resolution – including a three minute Quicktest that measures the batteries State of Health (SoH)
- Printer output for reports and labels
- Three year warranty

**WPLN4124AR** BOS II, Four-Station, 100-240V AC (US line cord)

**WPLN4125AR** BOS II, Four-Station, 100-240V AC (UK/Euro line cords)

### BOS II Adapter

**RL-76345** Standard Adapter

## Carrying Accessories

### Carrying Cases

A variety of carrying accessories are available for your comfort and convenience. The carrying cases are available in sizes designed to fit your radio and battery and permit audio to be heard clearly.

### HT750 STANDARD MODEL

#### Nickel Cadmium and Nickel Metal Hydride Carrying Cases

**HLN9665A** Standard Leather Case with Belt Loop

**HLN9676A** Standard Leather Case with Swivel

**HLN9701B** Nylon Carry Case

*HLN9676A*

*HLN9701B*

#### Lithium-ion Battery Cases

**HLN9652A** Standard Leather Case with Belt Loop

**HLN9670A** Standard Leather Case with Swivel

**HLN9701B** Nylon Case

### HT750 KEYPAD MODELS AND ALL HT1250 MODELS

#### NIckel Cadmium and Nickel Metal Hydride Battery Carrying Cases

**HLN9689A** Standard Leather DTMF Case with Belt Loop

**HLN9694A** Standard Leather DTMF Case with Swivel

**HLN9701B** Nylon Case

#### Lithium-ion Battery Cases

**HLN9677A** Standard Leather DTMF Case with Belt Loop

**HLN9690A** Standard Leather DTMF Case with Swivel

**HLN9701B** Nylon Case

## Carrying Accessories

### HT1250 LIMITED KEYPAD RADIOS

#### Nickel Cadmium and Nickel Metal Hydride Battery Carrying Cases

**HLN9946A** Hard Leather Case with Belt Loop

**HLN9998A** Hard Leather Case with Swivel Belt Loop

**HLN9701B** Nylon Case

#### Lithium-ion Battery Cases

**HLN9945A** Hard Leather Case with Belt Loop

**HLN9955A** Hard Leather Case with Swivel Belt Loop

**HLN9701B** Nylon Case

### HT1550 KEYPAD MODELS

**HLN9695A** Leather DTMF Case with Belt Loop (for use with Li-ion Batteries)

**HLN9698A** Leather DTMF Case with Belt Loop (for use with NiMH & NiCd Batteries)

**HLN9699A** Leather DTMF Case with Swivel (for use with Li-ion Batteries)

**HLN9700A** Leather DTMF Case with Swivel (for use with NiMH & NiCd Batteries)

### Belt Clips

**HLN9714A** Spring Action 2-1/2˝ Belt Clip

**HLN9844A** 2 Inch Standard belt clip holder

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# Portable Accessories

## Carrying Accessories

### Belt Loops

**NTN8039B** 2.5″ High activity swivel belt loop

**NTN8040B** 3″ High activity swivel belt loop

### Belt

**4200865599** 1.75″ wide leather belt

### Shoulder Carry Strap

**NTN5243A** Shoulder Carry Strap attaches to D-strap rings on carry cases to provide added comfort

### Waterproof Bag

**HLN9985B** Waterproof Bag Includes a large carry strap

### Chest Pack

**HLN6602A** Universal Chest Pack with Radio Holder and Velcro Secured Pocket

**1505596Z02** Replacement Strap for HLN6602A

*HLN6602A*

*RLN4570A*

### Break-A-Way Chest Pack

All of the same features as the original chest pack (HLN6602A) plus break-a-way tabs that allow the entire pack to be pulled off with approximately 10 lbs. of pressure. Perfect for railroads, manufacturing locations construction sites and anywhere safety is a concern

**RLN4570A** Break-A-Way Chest Pack

## Carrying Accessories

*RLN4815A*

### RadioPAK™

It's different from all other holders or cases: more comfortable, more useful and more stylish. Worn around the waist, it holds two-way, iDEN portables or cellular phones right at hand. Includes a separate 6″x 8″ zippered pouch for other on-the-job necessities. Adjustable nylon weave belt; fits both men and women.

**RLN4815A** RadioPAK™ Radio/Utility Case

**4280384F89** Universal RadioPAK™ Belt Lengthener; fits waists larger than 40″

### Universal Holders

**RLN4943A** Universal holder with gooseneck bracket

**RLN4944A** Wheelchair quick release assembly

**RLN4945A** Universal holder with gooseneck bracket and wheelchair quick release assembly

*RLN4943A*

## Audio Accessories

### Remote Speaker Microphones (RSM)

The remote speaker microphone is a water-resistant compact unit that allows the user to talk and listen without removing the radio from the belt, case or charger. It has a coiled cord, push-to-talk switch and clothing clip on the back cover.

***AAHMN9052E** Remote Speaker Microphone

***AAHMN9053E** Noise Canceling Remote SpeakerMicrophone with 3.5mm Audio Jack

**AAHKN9055A** Replacement Cable for RSM's

*AAHMN9052E*

### Public Safety Speaker Microphones (PSM)

Public safety speaker microphones are specially designed to help cancel ambient noise during transmission. Coverage is increased with included UHF antenna (450-470 MHz).

***AAHMN9054C** UHF Public Safety Speaker Microphone (includes UHF antenna, swivel clip, volume toggle switch, and 3.5mm earpiece jack).

***AAHMN9057C** VHF Public Safety Speaker Microphone (includes VHF antenna, swivel clip, volume toggle switch, and 3.5mm earpiece jack).

**RKN4101A** 18˝ Replacement Cable, compatitble with AAHMN9054 and AAHMN9057

**RKN4100A** 24˝ Replacement Cable, compatible with AAHMN9054 and AAHMN9057

**RKN4102A** 30˝ Replacement Cable, compatible with AAHMN9054 and AAHMN9057

## Audio Accessories

### RSM and PSM Accessories

***AARLN4885B** Receive-only Earbud with black coiled cord and 3.5mm Adapter for use with AAHMN9053A, AAHMN9054A and AAHMN9057A

***RLN4941A** Receive-only Earpiece with 3.5mm Plug, Translucent Tube and Rubber Eartip for use with AAHMN9054B and AAHMN9057B

***WADN4190A** Flexible Ear Receiver to be used with the Remote Speaker Microphone Public Safety Microphone

**RMN4054B** Receive-only Hardhat Mount Headset; mounts easily to hardhats with slots and provides 22dB of noise reduction; for use with AAHMN9053A, AAHMN9054A and AAHMN9057A. (hardhat not included)

**RMN4055A** Receive-only Headband Style Headset provides 24dB of noise reduction; for use with AAHMN9053E, AAHMN9054C and AAHMN9057C

***AAHLN9716A** Audio Accessory Adapter. Used to connect Receive-only Headsets to Radio

**REX4410B** Replacement Paddle PTT Kit for RSMs and PSMs

*RLN4294A*

### Epaulet Strap

Black leather epaulet strap secures remote speaker microphone to epaulet of shirts or jackets and attach around cord to back of microphone. Allows reliable communications in hostile environments with velcro or clip style strap.

**RLN4294A** Velcro epaulet strap

**RLN4295A** Small clip epaulet strap

*RLN4295A*

** Intrinsically Safe*

MOTOROLA

# Portable Accessories

## Audio Accessories

### Remote Speaker Microphone with Bluetooth™ Wireless Technology

Work and communicate in a cord-free environment. Motorola is on the front line of Bluetooth wireless technology by providing users of two-way radios the first wireless remote speaker microphone. This wireless remote speaker microphone communicates to a two-way radio through an adapter equipped with Bluetooth Wireless Technology and an adapter-capable battery that is attached to a Motorola two-way radio. The user simply turns on the radio and the wireless remote speaker microphone-the Bluetooth technology does the rest! The adapter and remote speaker microphone with Bluetooth Wireless Technology "connect" and link to each other wirelessly. Compatible with Motorola HT750 and HT1250 radios only.

**HLN3156A** Wireless remote speaker microphone kit; includes remote speaker microphone with Bluetooth wireless technology (HMN3158) and radio adapter with Bluetooth wireless technology (HHLN4125A); Adapter-capable battery (HNN9003AR) is required but sold separately

*HLN3156A*

**HMN3158A** Remote speaker microphone with Bluetooth wireless technology; requires radio adapter (HHLN4125A) and adapter-capable battery (HNN9003AR)

**HHLN4125A** Radio adapter with Bluetooth Wireless Technology

**HNN9003AR** Adapter-Capable NiMH Battery, 1200 mAh, 7.5 volt

**RLN5213A** Bluetooth leather swivel carry case; accommodates HT750 or HT1250 two-way radio with Radio Adapter (HHLN4125) and Adapter Capable Battery (HNN9003AR), both sold separately

**RLN5321A** Carry Case for Remote Speaker Microphone with Bluetooth Wireless Technology; Key Features: Belt clip, belt loop and armband which give users a variety of options for securing their remote speaker microphone

## Audio Accessories

### MicJackets

MicJackets provide speaker microphone users with a way to further protect the "head" of their microphone from dust, dirt, metal particles, sweat, body oils and other on-the-job grime; MicJackets also allow the user to handle or interact with the speaker microphone in a more hygenic way

*RLN5009A*

**RLN5008A** MicJacket, compatible with HMN9052 Remote Speaker Microphone

**RLN5009A** MicJacket, compatible with HMN9053 Remote Speaker Microphone

**RLN5010A** MicJacket, compatible with HMN9054 and HMN9057 Public Safety Speaker Microphones

### CommPort: Integrated Microphone/Receiver System

The CommPort system contains a miniature microphone and receiver, and connects to your two-way radio, making it possible to hear and speak under the most adverse conditions.

***NTN1723A** Integrated Ear Microphone/Receiver System w/Palm PTT (includes AAHLN9717 radio adapter)

*NTN1723A*

***NTN1724A** Integrated Ear Microphone/Receiver System with Ring PTT (includes AAHLN9717 adapter)

***NTN1722A** Integrated Ear Microphone/Receiver System with PTT on Radio Adapter (includes AAHLN9717 Adapter)

***NNTN4187A** Integrated Ear Microphone/Receiver System with Body Push-to-Talk Body Switch (includes AAHLN9717 Radio Adapter)

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## Audio Accessories

NTN1737A

***NNTN4188A** Replacement Body Switch Push-to-Talk Cable for NNTN4187A

***NTN1737A** Integrated Microphone/Receiver with Snap-On-Side PTT

**NKN6510A** Replacement Palm PTT Cable for NTN1723A

**NKN6508A** Replacement Cable for NTN1722A

**NKN6512A** Replacement Ring PTT Cable for NTN1724A

**NKN6525A** Replacement Cable with Snap-On-Side PTT for the NTN1737

**NTN8821A** CommPort Maintenance Kit, includes replacement ear tubes (quantity 10), windscreens (quantity 2) and microphone seal strips (quantity 10)

**NTN8986A** Adhesive Pads (Quantity 90) for secure attachment to ear

**NTN8988A** Ear Straps (Quantity 10) for secure attachment to ear

**RLN5037A** Replacement Ear Tubes (qty 10)

**4285838B01** Replacement Collar Clip

**4202006A01** Replacement Back Cover Clip

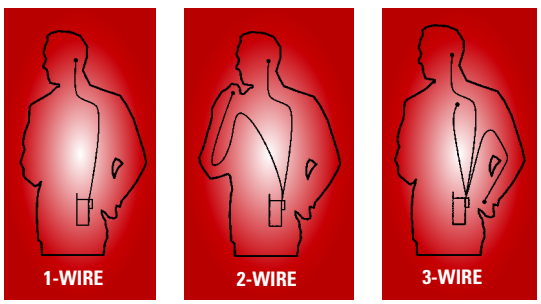
### Flexible Ear Receiver

The flexible ear receiver contains a flexible earloop and speaker and rests external to the ear.

***ENMN4013A** Flexible Ear Receiver

**7580372E11** Replacement foam ear cushions for ENMN4013A

ENMN4013A




## Audio Accessories

### Surveillance Kits

Surveillance accessories allow the user to privately receive communications with the earpiece and are ideal when environments require discreet communications.

***AARMN4021A** Receive Only Earpiece without Volume Control (beige) (1-wire)

***AARMN4022A** Earpiece with Microphone and PTT Combined (beige) (2-wire)

***AARMN4028A** Receive Only Earpiece without Volume Control (black) (1-wire)

AARMN4028A

ENMN4017A

***AARMN4029A** Earpiece with Microphone and PTT Combined (black) (2-wire)

***ENMN4014A** Earpiece with Microphone and PTT separate (black) (3-wire)

***ENMN4017A** Earpiece with Microphone and PTT separate (beige) (3-wire)

**RLN5315A** Two-Wire Comfort Earpiece with Combined Microphone and Push-To-Talk; black (HT750/1250)

**RLN5316A** Two-Wire Comfort Earpiece with Combined Microphone and Push-To-Talk; beige (HT750/1250)

### Replacement Items

**5080371E73** Standard Rubber Eartips, Pack of 25, Beige

**5080371E75** Standard Rubber Eartips, Pack of 25, Black

**5080369E40** Earloop, Plastic, Beige

**5080370E92** Earloop, Plastic, Black

**5880377E06** Plastic Earloop Adapter

**5080369E38** Standard Earpiece Assembly (includes Earphone, Earloop, and Eartip), Beige

**5080369E90** Standard Earpiece Assembly (includes Earphone, Earloop, and Eartip), Black

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MOTOROLA ORIGINAL

## Audio Accessories

### Surveillance Kits with Extended-Wear Comfort Earpiece

These kits include a comfort earpiece with a rubber ear tip and a clear comfortable acoustic tube (NTN8371A). Users hear transmissions clearly, while the clear tube provides a discreet appearance.

**RLN5315A** Comfort Earpiece with Microphone and PTT combined, Black (2-wire kit)

**RLN5316A** Comfort Earpiece with Microphone and PTT combined, Beige (2-wire kit)

### Completely Discreet Earpiece

*RLN4922A*

Remain discreetly in touch with this miniaturized receiver. All messages received through the user's two-way radio are inductively relayed to the wireless earpiece in the user's ear. Inductive neckloop is easily hidden under the user's clothing for covert operations. Neckloop attaches to the user's Motorola Surveillance Kit providing completely discreet two-way communications. Security operatives, public safety officials, and private investigators can communicate with ease without any visible equipment. Small as it is, it offers a full range of audio functions including automatic squelch, automatic gain control and noise filtering. **Must be used in conjunction with a Motorola Surveillance Kit. Just remove the earpiece on any standard 2- or 3-wire surveillance kit and plug in the neckloop for completely discreet communication.**

**RLN4922A** Completely Discreet Earpiece Kit; includes wireless earpiece, inductive neckloop, 6 spare batteries and 5 spare ear wax guards

**RLN4919A** Ear Wax Guards, 5 per pack

**RNN4005A** 1.4V Battery, 6 per pack

## Audio Accessories

*NTN8370A*

### Noise Kits

Lightweight translucent tube attaches to Motorola surveillance accessories. Clothing clip prevents the accessory from being pulled from the ear due to body movement or head rotation.

**NTN8370A** Extreme Noise Kit, includes 2 foam earplugs for loud environments provides 24 dB noise protection.

**NTN8371A** Low Noise Kit, includes rubber eartip for low noise environments; does not provide hearing protection

*NTN8371A*

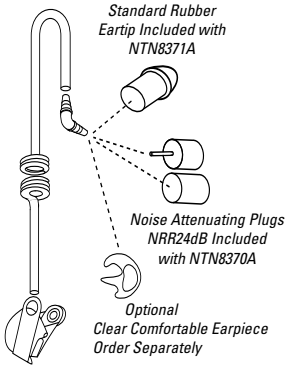
**5080384F72** Replacement Foam Plugs; pack of 50 (for use with NTN8370A)

**5080371E73** Replacement Standard Rubber Eartips, Pack of 25 (for use with NTN8371A), Beige

**5080371E75** Replacement Small Rubber Eartips, Pack of 25 (for use with NTN8371A), Black

### Clear Comfortable Earpiece

The clear comfortable earpiece forms to the inside of your ear and is perfect for low noise environments. Compatible with the NTN8371A, clear acoustic tube assembly, and most surveillance kits (1-, 2- and 3-wire). This earpiece is made of easy-to-clean chemically inert, hypoallergenic material. Does not provide hearing protection. There are 3 items needed to make this product work:




*Acoustic Tube with Earphone*

1. Clear Comfortable Earpiece
2. Clear Acoustic Tube Assembly (NTN8371A)
3. Surveillance Kits

## Audio Accessories

**RLN4760A** Small Custom Earpiece, right ear

**RLN4763A** Small Custom Earpiece, left, ear

**RLN4761A** Medium Custom Earpiece, right ear

*RLN4763A*

*RLN4760A*

**RLN4764A** Medium Custom Earpiece, left ear

**RLN4762A** Large Custom Earpiece, right ear

**RLN4765A** Large Custom Earpiece, left ear

### Ear Microphone System (EMS)

This compact unit picks up the voice through bone vibrations in the ear canal. The miniature earpiece leaves the hands free and face unobscured when worn by rescue and hazard protection personnel, who still retain the ability for direct hearing and speaking. For personnel required to wear breathing apparatus, communications with protective masks are as clear as communications without. And its high speech clarity under noisy environments makes it ideal for high noise environments. Available in PTT or Voice Activated (VOX). Interface Module required.

*BDN6677A*
*Requires interface module, sold separately*

***BDN6677A** Ear Microphone for Standard Noise Levels (up to 95dB, black)

***BDN6678A** Ear Microphone for Standard Noise Levels (up to 95dB, beige)

***BDN6641A** Ear Microphone for High Noise Levels (up to 105dB)

### Interface Modules for EMS

***AARMN4044A** Push-To-Talk Only Interface Module

***AARMN4045A** Push-To-Talk or Voice-Activated Interface Module

## Audio Accessories

### Optional Accessories For EMS

**0180358B38** Remote Push-To-Talk Ring Switch

**0180300E83** Remote Push-To-Talk Body Switch

**0180300E25** Earguard with Adjustable Loop; secures ear mic in ear

**0180358B32** Earholder, black size small; secures ear mic in ear

**0180358B33** Earholder, black, size medium; secures ear mic in ear

*0180300E83*

*0180300E25*

**0180358B34** Earholder, black, size large; secures ear mic in ear

**0180358B35** Earholder, clear, size small; secures ear mic in ear

**0180358B36** Earholder, clear, size medium; secures ear mic in ear

**0180358B37** Earholder, clear, size large; secures ear mic in ear

**4280369E44** Replaceable Belt Clip with Screws

**5080358B28** Eartips, black, size medium (10 per pack)

**5080358B29** Eartips, black, size large (10 per pack)

**5080358B30** Eartips, beige, size medium (10 per pack)

**5080358B31** Eartips, beige, size large (10 per pack)

** Intrinsically safe*

# Portable Accessories

## Audio Accessories

### Temple Transducer

RMN4048A

The temple transducer represents a significant achievement in headset design and functionality. It allows the user to receive audio without covering the ear. The receiver portion of this accessory rests on the temples and is capable of converting the receive audio from a two-way radio into sound vibration. The sound vibration is transmitted through the surrounding human tissue and bone directly into the inner ear where it is received by the user. It features an in-line PTT and noise canceling boom microphone. The temple transducer enhances communication and safety by not impairing the user's hearing of external sound environment, such as from machinery and equipment, warning, and fire alarms, the intercom, traffic and even casual conversations with their co-workers.

***RMN4048A** Temple Transducer

### Ultra-Lite Headset

This headset is an ultra-lite behind the head-style headset that features a flexible boom microphone and in-line PTT, and is intended for low to moderate noise environments.

***ENMN4012A**
Ultra-lite Headset

ENMN4012A

## Audio Accessories

### Lightweight Headsets

Lightweight headsets allow for high clarity, hands free, discreet two-way communications while adding comfort necessary for extended wear in moderate noise environments.

***AARMN4018B** Lightweight Headset with Swivel Boom Microphone with In-Line PTT

AARMN4018B

AARMN4017A

***AARMN4031B** Lightweight Headset with Swivel Boom Microphone; no in-line PTT

***AARMN4017B** Ultralite Headset with Boom Microphone, ear bud style receiver

**REX4648A** Replacement Foam Earpad and Windscreen Kit for AARMN4018B and AARMN4013A

### Racing Headset

Motorola is the official wireless equipment supplier of CART®, so whether your custmers' playing field is a racetrack, construction site or other challenging environment, they can count on this Racing Headset for superior comfort and dependable operation.

**RMN5015A** Racing Headset (adapter cable required)

**RKN4091A** Adapter Cable

RMN5015A

** Intrinsically safe*

## Audio Accessories

### Medium Weight Headsets

Medium weight dual-muff headsets offer high-clarity sound with the additional hearing protection necessary for providing consistent, clear two-way radio communications in harsh, noisy situations.

***AARMN4019A** Over the Head with In-Line PTT and Noise Canceling Swivel Boom Microphone; provides 24dB of noise reduction

***AARMN4032A** Over the Head with Noise Canceling Swivel Boom Microphone; provides 24dB of noise reduction

**RMN4051A** Hardhat Mount Headset; Mounts easily to hardhats with slots. Provides 22dB of noise reduction. Requires RKN4097A Adapter cable, hardhat not included

**RKN4097A** Radio Adapter Cable with In-Line PTT for use with RMN4051A

*RMN4051A*

***ENMN4016A** Medium-Duty Behind-the-Head Headset with Swivel Boom Microphone and in-line PTT; provides 24dB of noise reduction

### Replacement Items

**7580376E34** Replacement Foam Earseals, 1 pair

**1580376E32** Replacement Cloth Cover for Earseals,1 pair

**5080548E02** Replacement Windscreen for Boom Microphone

**3280376E35** Replacement "O" ring for windscreen

## Audio Accessories

### Tactical Medium Weight Headsets

Same high-clarity sound and additional hearing protection as our standard Medium Weight Headsets while including two microphones on the outside of each earcup which reproduces the ambient sound back into the headset. Harmful sounds are suppressed to a safe level and low sounds are amplified up to 5 times but never more than 82dB. Includes on/off volume control on earcups.

**RMN4052A** Tactical Headband Style Headset, Grey. Provides 24dB of noise reduction. Requires RKN4097A Adapter cable

*RMN4052A*

*RMN4053A*

**RMN4053A** Tactical Hardhat Mount Headset; Mounts easily to hardhats with slots. Provides 22dB of noise reduction. Requires RKN4097A Adapter cable, hardhat not included

**RKN4097A** Radio Adapter Cable with In-Line PTT for use with RMN4052A and RMN4053A

**RLN4923A** Two Replacement Earseals for RMN4051A, RMN4052A and RMN4053A

### Heavyduty Headsets

Heavyduty headsets include noise canceling boom microphones and can be worn with or without a hardhat. The Push-To-Talk switch is located on the earcup.

***AARMN4020B** Push-To-Talk or Voice Activated Headset with noise canceling boom microphone; noise reduction rating =24dB

** Intrinsically safe*

## Miscellaneous

**RLN4890A** Assistive Turning Knobs. If your job requires you to wear large gloves, or if you have mobility or dexterity limitations, you will appreciate this added feature. Set of two specially designed knobs for volume control and channel changing.

**HLN9820A** Accessory Dust Cover

## Antennas

### Flexible Whip Antenna

Flexible Whip antennas have a one-piece finish and steel core for optimal radiation characteristics. Provides more comfort when radio is worn on the belt.

**8504762J01** Flexible Whip, 136-155 MHz

**PMAD4023A** Flexible Whip, 150-161 MHz

**8504762J02** Flexible Whip, 155-174 MHz

**NAE6483AR** Flexible Whip, 403-520 MHz

**NAB6064A** Heliflex, 29.7-50 MHz

**NAD6579A** Whip, 148-161 MHz

*NAE6483AR*

### Stubby Antennas

This quarterwave stubby antenna is ideal when radio is worn on the belt because the short antenna is non-obtrusive.

**PMAD4012A** Stubby, 136-155 MHz

**PMAD4025A** Stubby, 150-161 MHz

**PMAD4013A** Stubby, 155-174 MHz

**PMAE4002A** Stubby, 403-433 MHz

**8504762J08** Stubby, 438-470 MHz

**PMAE4006A** Stubby, 465-490 MHz

*PMAD4013A*

# Batteries

## Batteries

### Nickel-Cadmium Premium

Part Number: **HNN9011AR**
Volts: 7.5
Avg mAh: 1200
Height: 4-13/16˝
Intrinsically Safe: Yes

Part Number: **HNN9012AR**
Volts: 7.5
Avg mAh: 1300
Height: 4-13/16˝
Intrinsically Safe: No

### Nickel Metal Hydride Premium

Part Number: **HNN9008AR**
Volts: 7.5
Avg mAh: 1500
Height: 4-13/16˝
Intrinsically Safe: No

*HNN9008AR*

Part Number: **HNN9003AR**
(Bluetooth™)
Volts: 7.5
Avg. mAh: 1200
Height: 4-13/16˝
Intrinsically Safe: No

## Batteries

Part Number: **HNN9009AR**
Volts: 7.5
Avg mAh: 1900
Height: 4-13/16˝
Intrinsically Safe: No

Part Number: **HNN9010AR**
Volts: 7.5
Avg mAh: 1800
Height: 4-13/16˝
Intrinsically Safe: Yes

Part Number: **HNN9003AR**
(Bluetooth™)
Volts: 7.5
Avg mAh: 1200
Height: 4-13/16˝
Intrinsically Safe: No

### Powerline

Part Number: **WPNN4045AR**
Volts: 7.5
Avg mAh: 1200
Height: 4-13/16˝
Intrinsically Safe: No

### Lithium-ion Premium

Part Number: **HNN9013CR**
Volts: 7.5
Avg mAh: 1150
Height: 4-13/16˝
Intrinsically Safe: No

**HT750/1250/1250•LS/1250•LS+/1550•XLS Series**

# Options Boards, Housing Options, Service Aids

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## Option Boards

Get the most out of your HT Professional Radios with powerful feature upgrades

**AAHLN9725C** Voice Storage Option Board

**AAHLN9729C** DTMF Decode Option Board

## Mandown Option Board

The mandown alarm functionality will trigger the radio's internal software emergency routine if the radio is horizontal for longer than a pre-programmed time. Anti-movement alarm functionality will trigger the radio's internal software emergency routine if the radio is stationary (unmoved) for longer than a pre-programmed time (requires radio and OSS programming).

**AAENLN4150A** Mandown Option Board Kit (for HT1250 UHF & VHF Models Only)

## Faceplate/Housing Options

### HT750 Models

**1580384L88** Yellow Housing, No Keypad

**1580384L91** Yellow Housing for Keypad models

**1580666Z03** Black Housing, No Keypad

**1580666Z04** Black Housing for Keypad models

### HT1250 Models

**1580384L93** Yellow Housing for Full Keypad models

**1580384L94** Yellow Housing for Limited Keypad models

**1580666Z01** Black Housing for Limited Keypad models

**1580666Z02** Black Housing for Full Keypad models

**1580666Z08** Camouflage Housing for Full Keypad models

**1580666Z09** Camouflage Housing for Limited Keypad models

**REX4681A** Housing kit for HT1250 and HT1250•LS+ Limited Keypad

## Service Aids

**RLN4460C** Portable Test Set; Enables connection to audio/accessory jack. Allows switching from radio testing.

**HVN9025L** CPS/Tuner Software; Programs customer features/frequencies (CD-ROM format only)

**AARKN4075A** Ribless Programming Cable; Provides interface between computer and radio, ideal for field programming. (Not compatible with RIB.)

**AARKN4074A** Programming Cable/Test Cable; Connects radio to RIB (RLN4008E)

**RLN4008E** Radio Interface Box; Enables communications between radio and computer's serial communications adapter.

*RLN4008E*

**5885705M02** BNC Adapter; Adapts radio antenna port to BNC cable test equipment

**RKN4073A** Cloning cable (Multi-language manual)

# HT750/1250/1250•LS/1250•LS+/1550•XLS Series

## Service Aids, Manuals

## Service Aids

**RLN4510A** Battery Eliminator 7.5V Regulator; Work in combination with Shop Battery Block (AA0180305G54)

**0180357A57** Wall-mounted Power Supply (120V AC); Used to supply power to RIB

**AA0180305G54** Shop Battery Block; Interconnects radio to power supply. Provides for troubleshooting of radio when housing is removed.

**AA8180384F68** Bench Testing Housing Eliminator

**3080369B72** Computer Interface Cable; Connects computer's serial communications adapter to RIB (RLN4008E)

## Manuals

| | |
|---|---|
| **6881089C97** | HT750 User Manual |
| **6881088C37** | HT1250 User Manual |
| **6880906Z54** | Basic Service Manual |
| **6881088C46** | Detailed Service Manual |
| **6864110R11** | HT1250•LS+ 200 & 700 MHz User Manual |
| **6864110R12** | HT1250•LS+ 200 & 700 MHz Detailed Service Manual |
| **6864110R15** | HT1250•LS+ 200 & 700 MHz Basic Service Manual |
| **6881088C42** | HT1250•LS+ User Manual |
| **6881093C79** | Technical Manual (included with vehicular adapters) |
| **0180305J46** | Ear Microphone System and Temple Transducer CD-ROM |