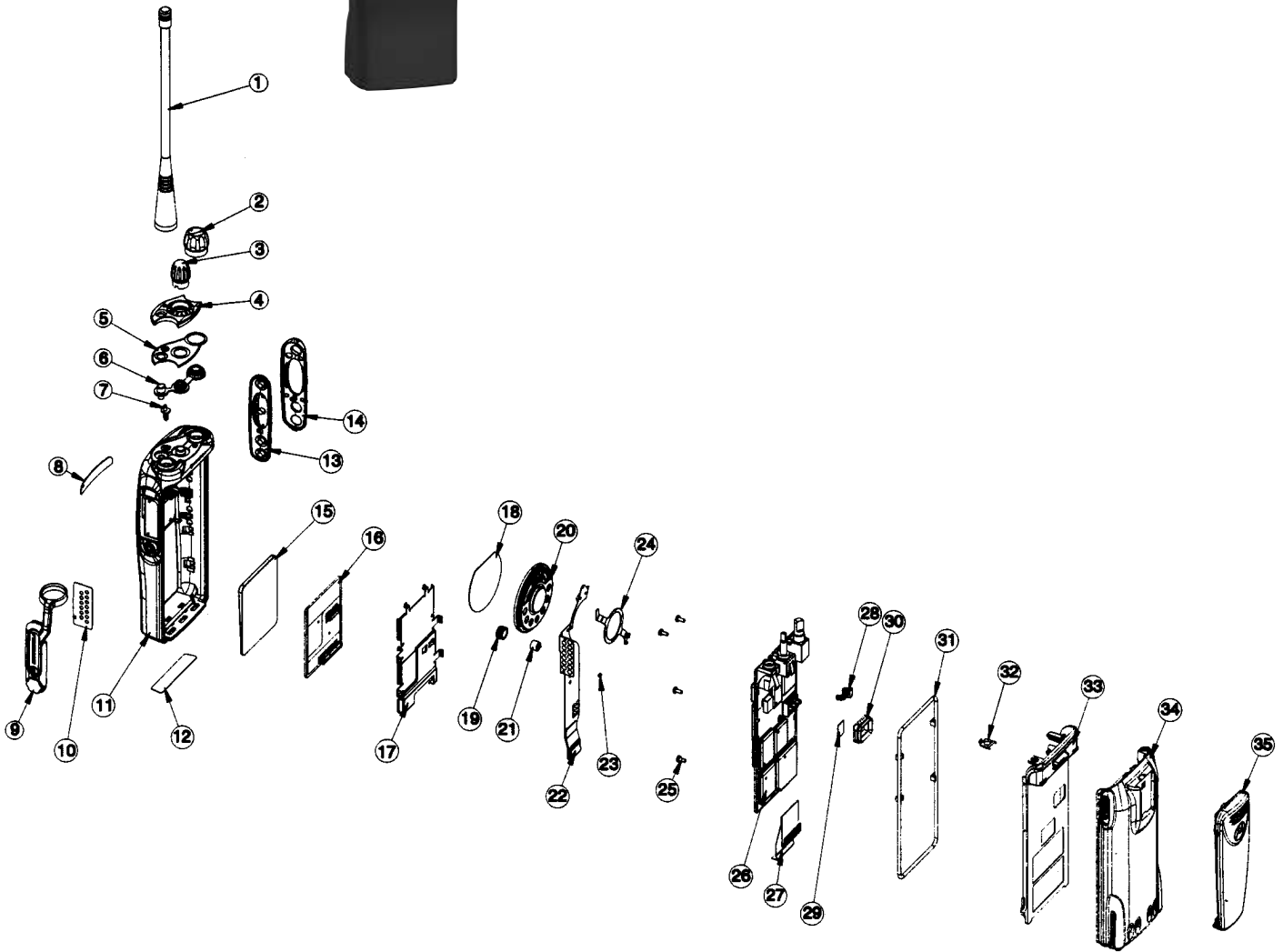


HT750 Series

Parts List



HT750 Series

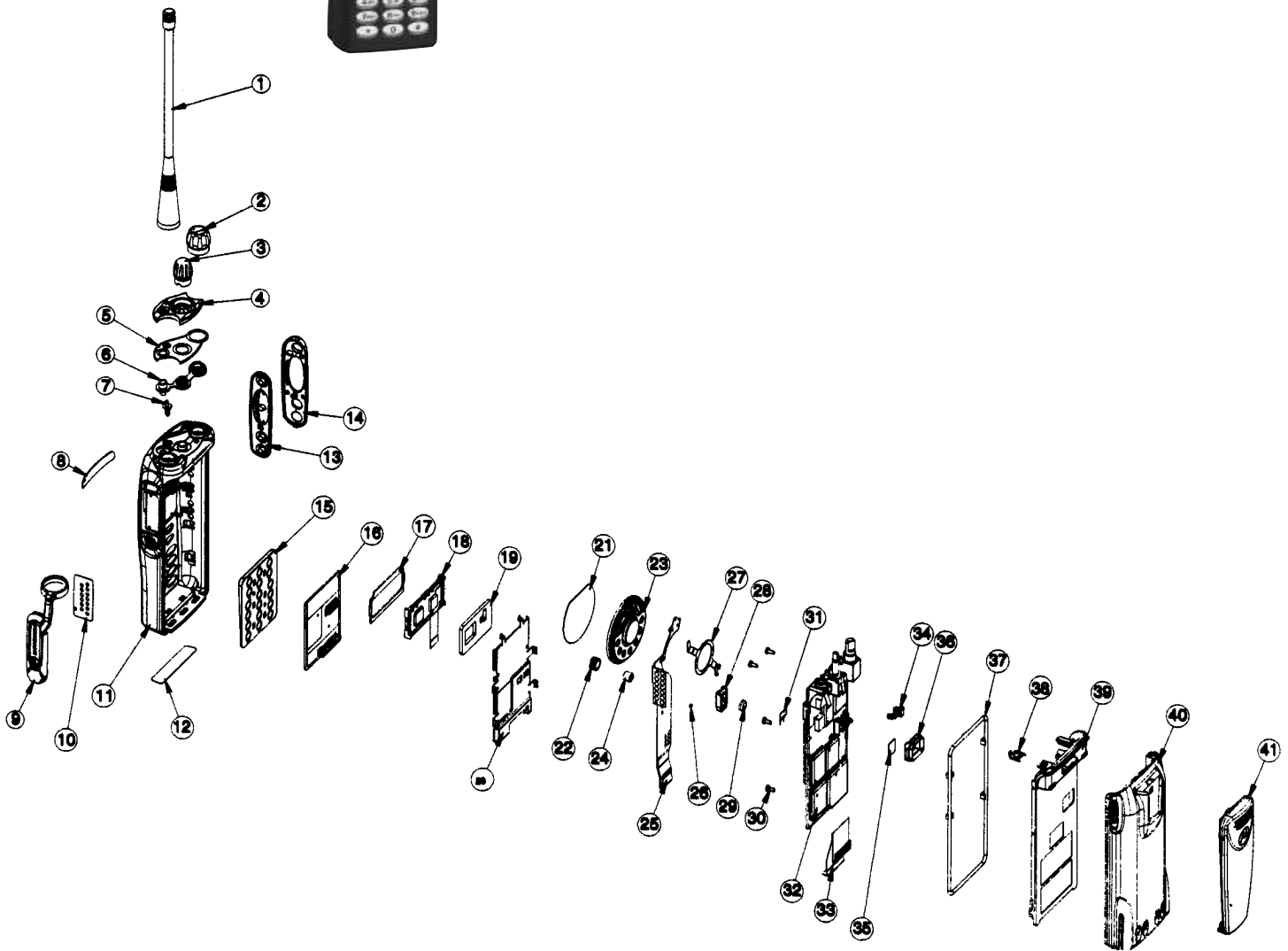
Parts List

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

REF. NO.	PART NO.	DESCRIPTION
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

HT1250 Series

Parts List



HT1250 Series

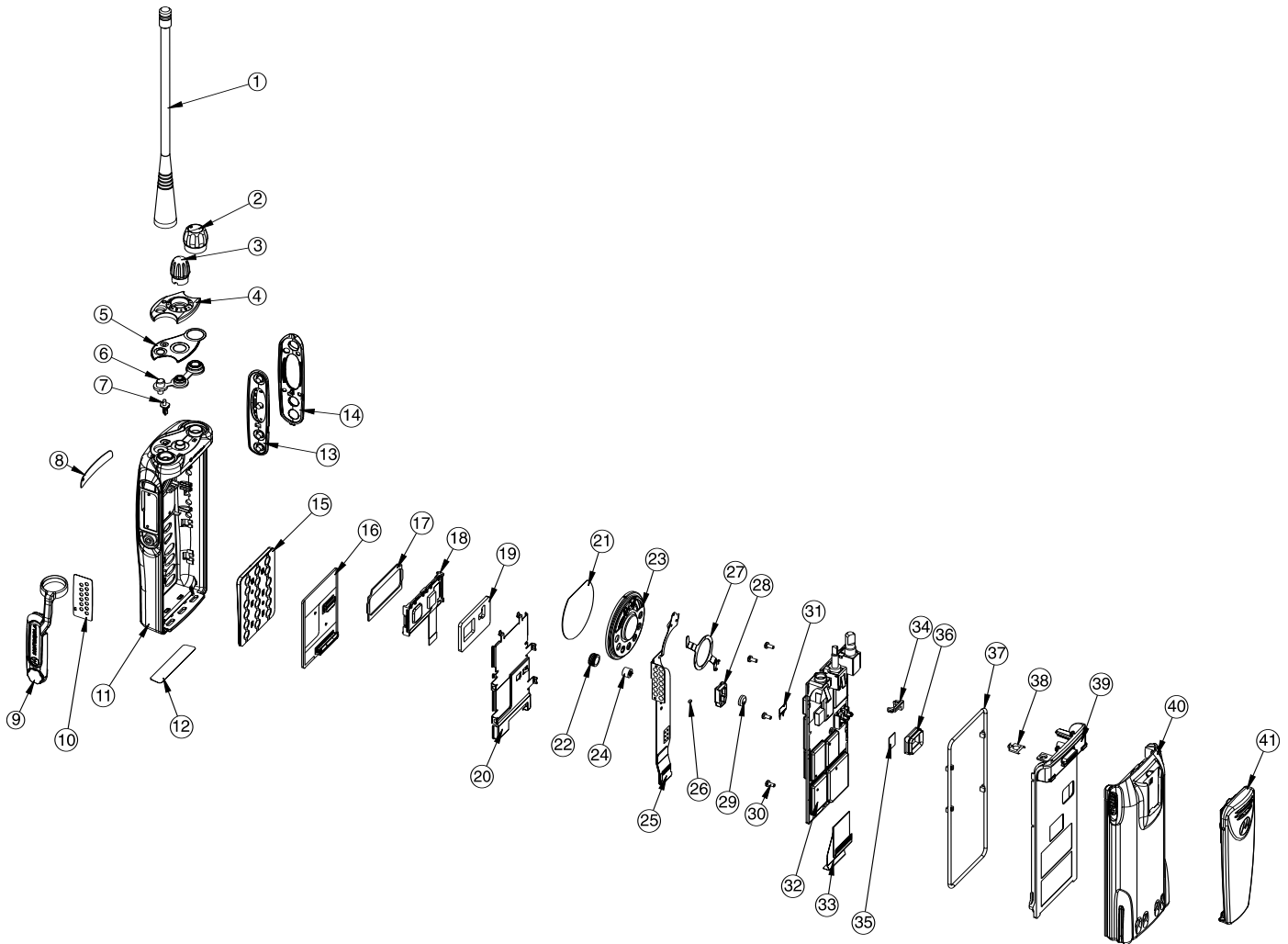
Parts List

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

HT1250•LS Series

Parts List



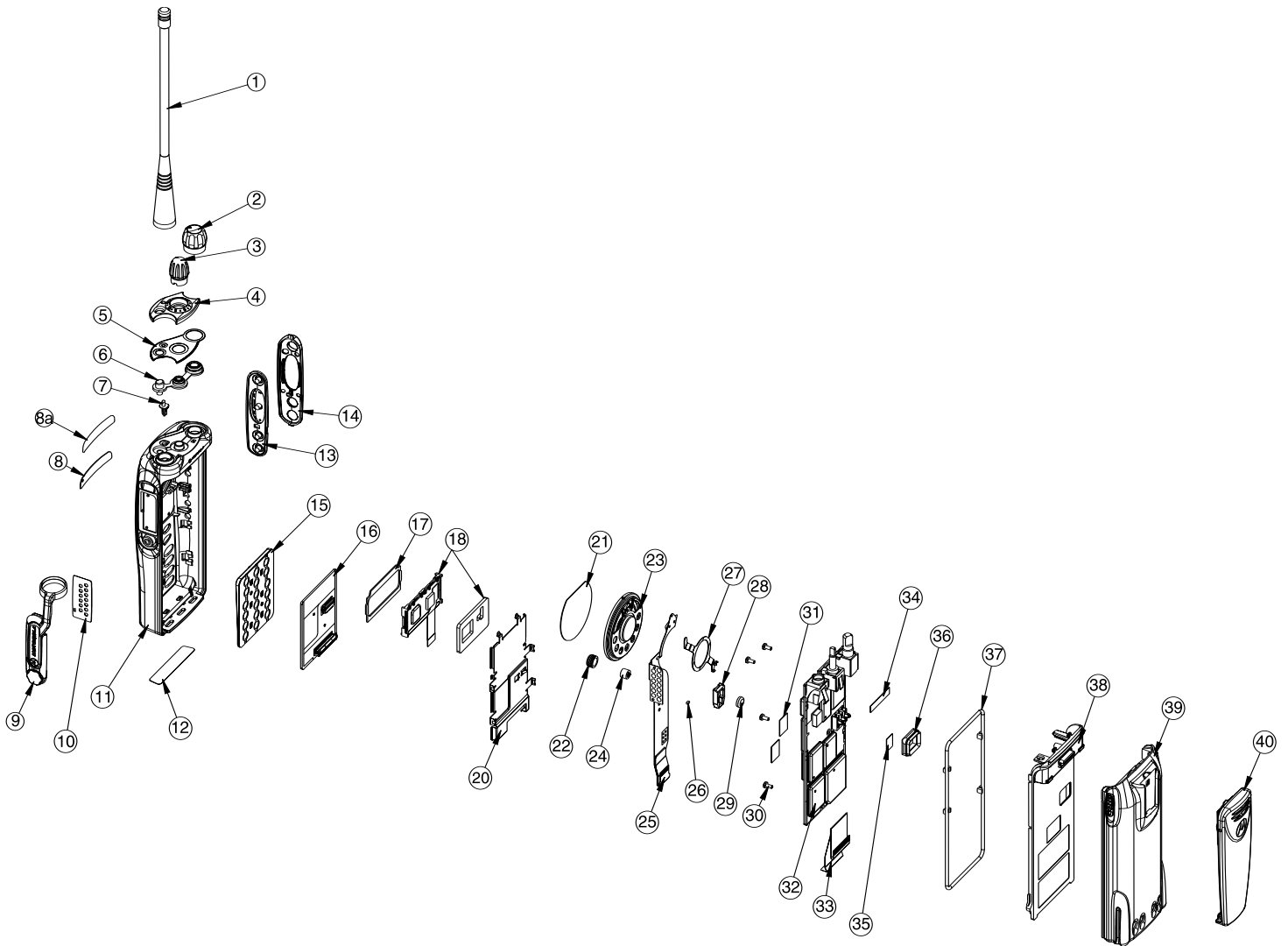
HT1250•LS Series

Parts List

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	Please refer to antenna section	Antenna	20	4280498Z01	Retainer, Keypad PCB
2	3680529Z01	Knob, Volume	21	3586057A01	Felt Speaker
3	3680530Z01	Knob, Channel Selector	22	1480577C01	Boot, Microphone
4	1380525Z01	Escutcheon, Top	23	5085962A02	Speaker
	1380525Z03	Escutcheon, Top (dotted), HT1250•LS	24	5013920A04	Microphone
4a	3385681Z01	Knob, Channel Selector Interior	25	8480549Z01	Flex, Speaker-Microphone
5	3380644Z01	Escutcheon, Label	26	2113740A41	Capacitor, 33pF
6	3280533Z01	Seal, Control Top	27	4280504Z01	Retainer, Speaker
7	6180527Z01	Litpipe, Tx	28	1480503Z01	Boot, Backup Battery
8	HLN9962	Nameplate, HT1250	29	6062884G01	Backup Battery
	HLN9964	Nameplate, HT1250•LS	30	0304726J04	Screw
9	1586059A01	Dust Cover, Universal Connector	31	3980667Z01	Contact, Finger
10	1386058A01	Escutcheon, Universal Flex	32	---	Ctrl/RF Board Assembly
11 1	580666Z01	Front Cover with Limited Keypad	33a	8480475Z02	Flex, Keypad/Controller
	1580666Z02	Front Cover with Full Keypad	33b	2780518Z03	Chassis
12	Not Field Replaceable	Escutcheon, FM	34	1480652Z01	Insulator, Antenna
13	7580532Z01	Keypad, Side Control	35	7580556Z01	Pad, Thermal
14	1380528Z01	Bezel, Side Control	36	3280534Z01	Seal, Contact
15	7586175Z01	Keypad, Basic	37	3280536Z01	Gasket, O-Ring
	7585680Z02	Keypad, Full	38	3980698Z01	Contact, Ground, Compliant
16	0104007J99	Keypad Board Assembly	39	2780518Z01	Chassis
17	7580540Z01	Pad Display	40	Please refer to battery section	Battery
18	5104949J05	LCD Module	41	HLN9714	Beltclip
19	7580637Z01	Pad, LCD Back			

HT1250•LS+ Series

Parts List



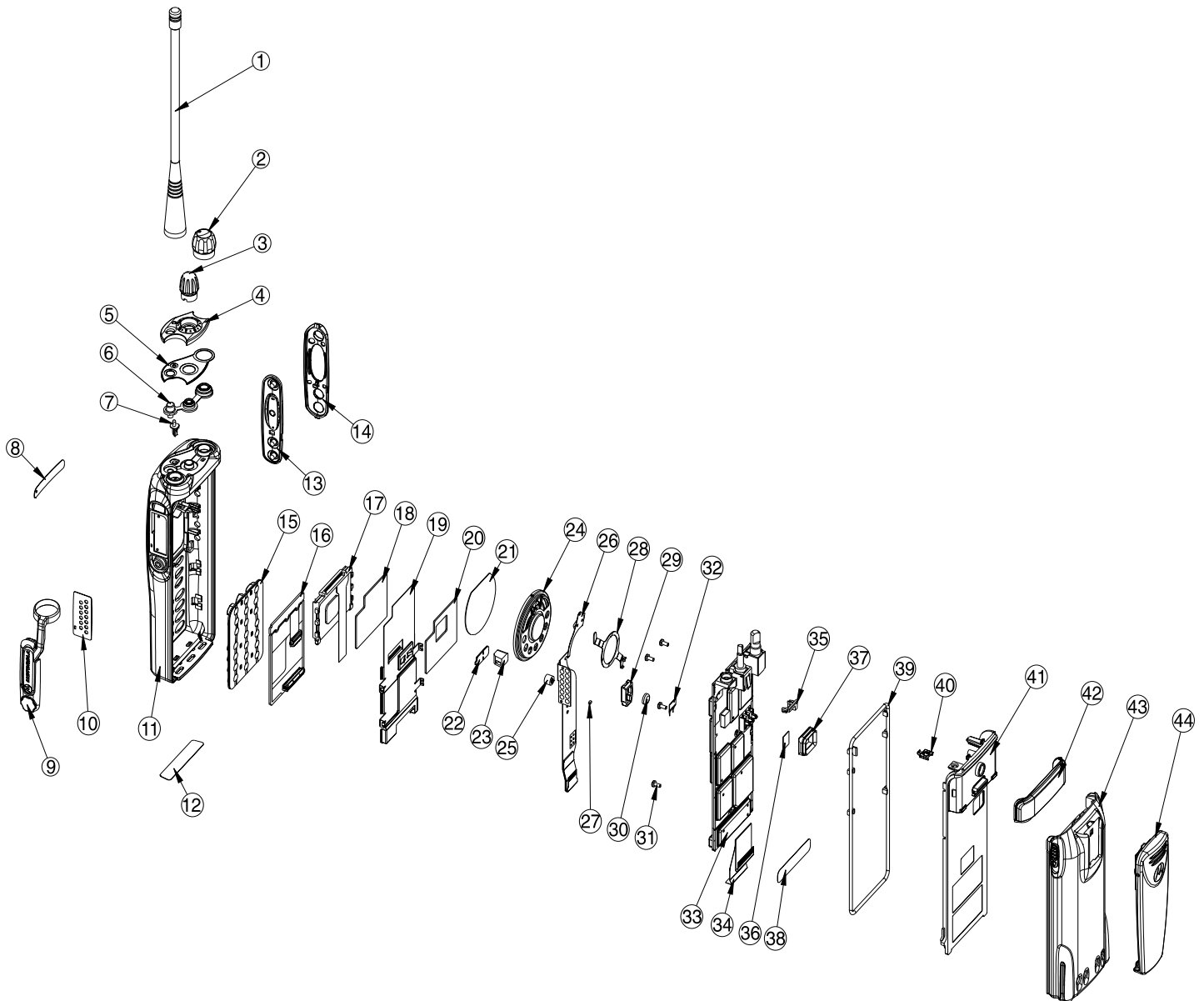
HT1250•LS+ Series

Parts List

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	Please refer to antenna section	Antenna	20	4286266Z01	Retainer, Keypad PCB
2	3280529Z01	Knob, Volume	21	3586057A02	Felt, Speaker
3	3280530Z02	Knob, Frequency	22	1480577C01	Boot, Microphone
4	1380525Z03	Escutcheon, Top (Dotted)	23	5085738Z03	Speaker
5	3385681Z01	Escutcheon, Label	24	5013920A04	Microphone
6	3280533Z03	Seal, Control Top	25	8480549Z07	Flex Speaker-Microphone
7	6180527Z01	Litepipe, Tx	26	2113740A41	Cap, 33pF
8	3380565Z27	Nameplate, HT1250•LS + 200 MHz	27	4280504Z01	Retainer, Speaker
	3380565Z28	Nameplate, HT1250•LS + 700 MHz	28	1480503Z01	Boot, Backup Battery
8a	3386269Z01	Escutcheon, Motorola logo	29	6080656Z01	Backup Battery
9	1586059A01	Dust Cover, Univ Conn	30	0304726J05	Screw
10	1386058A01	Escutcheon, Univ Flex	31	7580671Z01	Pad
11	1586335Z01	Front Cover Limited KPD	32	---	Ctrl/RF Board Assembly
	1586335Z02	Front Cover DTMF	33	8480475Z03	Flex, Keypad/Controller
12	---	Escutcheon, FM (Not field replaceable)	34	7585746Z01	Pad, EMI, 700 MHz
13	7580532Z01	Keypad, Side Control	35	7580556Z01	Pad, Thermal
14	1380528Z01	Bezel, Side Control	36	3280534Z01	Seal, Contact
15	7586265Z01	Keypad, Basic	37	3280536Z01	Gasket, O-Ring
	7586265Z02	Keypad, Full	38	2780518Z03	Chassis
16	0104015J14	PassPort Keypad Board Assembly	39	Please refer to battery section	Battery
17	7580540Z02	Pad Display	40	HLN9714	Beltclip
18	5104949J09	LCD Module			

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 7586065A02	Keypad
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

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

HLN9793A Charger Insert Spacer –
compatible with “A” version chargers only

HLN9794B Charger Insert Spacer – compatible with “B” or later
version chargers only



AAHTN3000D

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.

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)

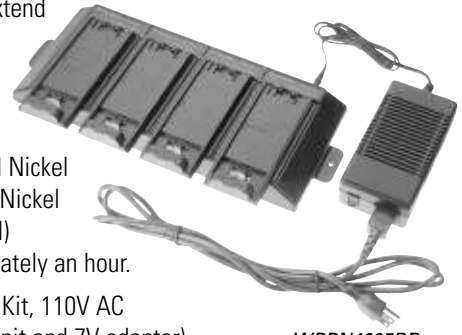
WPPN4002BR 110V AC Base Charge Unit only (order adapter
plates separately)

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



WPPN4065BR
Shown With Optional
Adapter Plates

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

RLN4814A Vehicular
Mounting Bracket for
single unit Motorola
Conditioning Charger



RLN4814A

HLN9179 Quick-Release Attachment for Mounting Bracket RLN4814

HLN9228 Clamshell Attachment for Mounting Bracket RLN4814

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

Portable Accessories

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

RLN5233A Vehicular Charger

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.

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)

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

Portable Accessories

Vehicular Adapters



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 mA to 4 amps per station
- Interchangeable adapters accommodate 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

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

Portable Accessories

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

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

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

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"x8" zippered pouch for other on-the-job necessities. Adjustable nylon weave belt; fits both men and women.



RLN4815A

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

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

Portable Accessories

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 Speaker Microphone with 3.5mm Audio Jack

AAHKN9055A
Replacement Cable for RSM's



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, compatible 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

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



** Intrinsically Safe*

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 hygienic 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)

** Intrinsically safe*

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

Portable Accessories

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

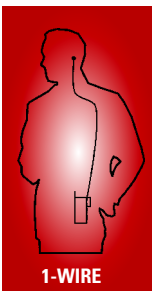
The flexible ear receiver contains a flexible earloop and speaker and rests external to the ear.

***ENMN4013A** Flexible Ear Receiver

7580372E11 Replacement foam ear cushions for ENMN4013A



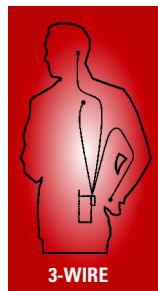
ENMN4013A



1-WIRE



2-WIRE



3-WIRE

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

** Intrinsically safe*

Portable Accessories

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

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

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

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.



NTN8370A

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

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

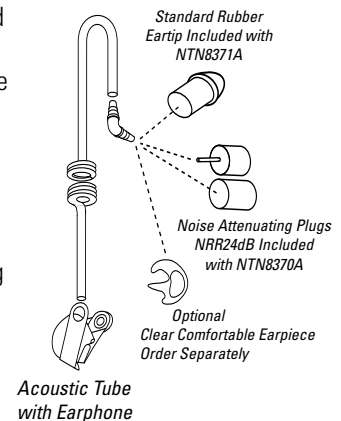


NTN8371A

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:

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



Acoustic Tube
with Earphone

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

Portable Accessories

Audio Accessories

RLN4760A Small Custom Earpiece, right ear

RLN4763A Small Custom Earpiece, left ear

RLN4761A Medium Custom Earpiece, right ear

RLN4764A Medium Custom Earpiece, left ear

RLN4762A Large Custom Earpiece, right ear

RLN4765A Large Custom Earpiece, left ear



RLN4763A



RLN4760A

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

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



0180300E25

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



RMN4048A

Temple Transducer

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 customers' 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*

Portable Accessories

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

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



RMN4051A

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 Accessories, Antennas

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

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

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

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



HNN9008AR

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

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