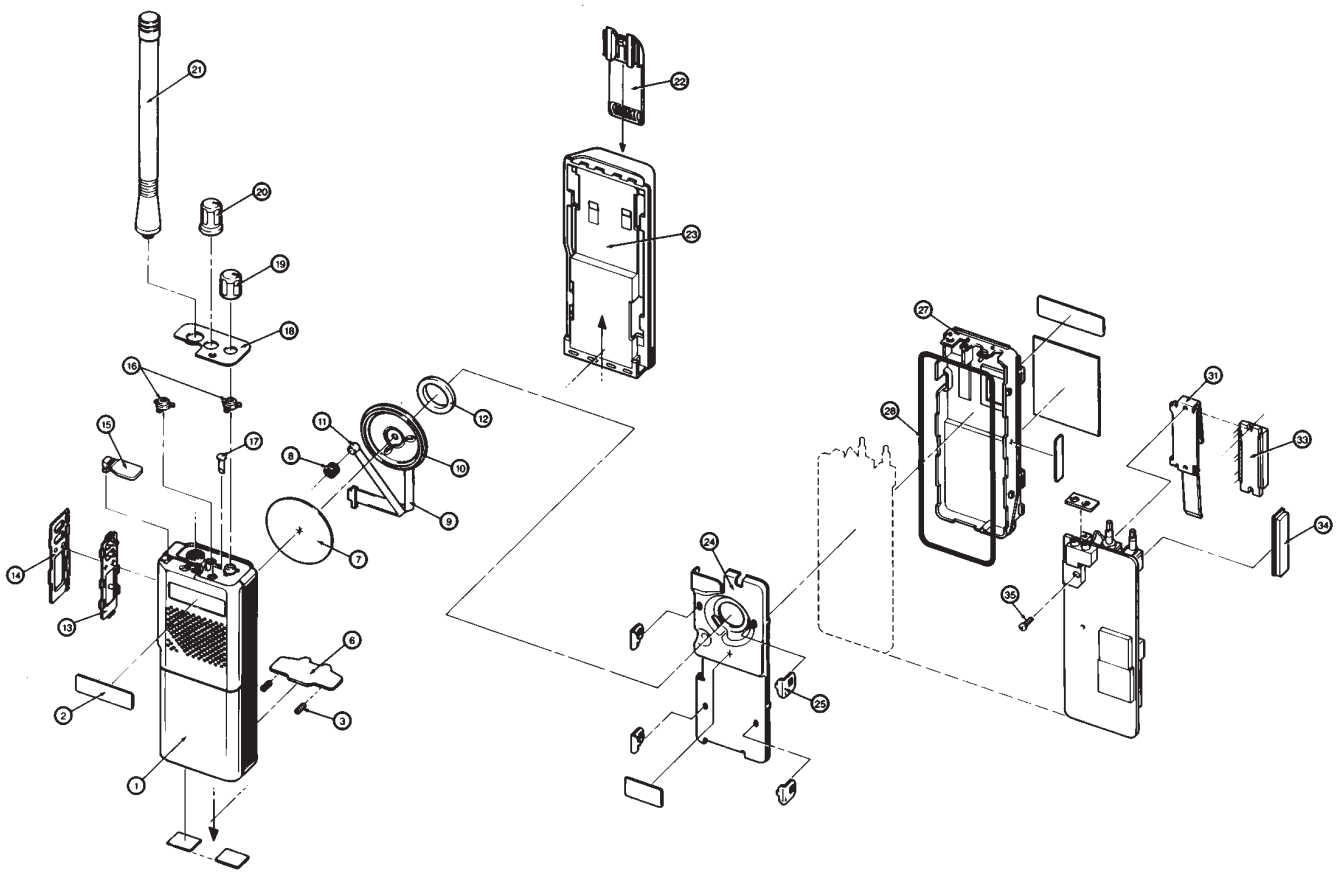
MOTOROLA

GP300 Series

Parts List



REF. NO.	PART NO.	DESCRIPTION
1	**1580562C01**	Housing, Radio
2	**1380992Z03**	Label, Name
3	**4105944K01**	Spring, Coil
6	**5580438B01**	Latch, Battery
7	**3580998Z04**	Felt, Speaker
8	**1405874T02**	Boot, Mic.
9	**3080972Z01**	Cable, Speaker/Mic.
10	**5005589U05**	Speaker
11	**5013920A01**	Microphone Cartridge
	1405299L02	Boot
	7505564S02	Pad
12	**7580107A02**	Pad, Speaker
13	**7580437C01**	Keypad, PTT
14	**1380159S01**	Bezel, PTT
15	**3880428C02**	Dust Cap
16	**3280960Y01**	Seal
17	**6180968Y01**	Light Pipe
18	**1380507B02**	Escutcheon, 2-Position
	1380507B03	Escutcheon, 8-Position
	1380507B04	Escutcheon, 16-Position

REF. NO.	PART NO.	DESCRIPTION
19	**3680146S03**	Knob, Volume
20	**3680147S07**	Knob, Freq., 16-Position
	3680147S08	Knob, Freq., 8-Position
	3680147S10	Knob, Freq., 2-Position
21	——	Antenna (see pg 138)
22	**HLN9724A**	Belt Clip
23	——	Battery, (see pg 138)
24	**2680503C01**	Shield Front
25	**4280190R04**	Clip, Locking
27	**2780549B01**	Chassis
28	**3280545C01**	Gasket, Chassis
31	**4280126S01**	Clip, P.A.
33	——	P.A. Module
	5105385Y49	146-174 MHz
	5113829D03	403-440 MHz
	5105492X79	440-470 MHz
34	——	Receiver Module (for reference only)
35	**0300136783**	Screw

MOTOROLA

GP300 Series
Portable Accessories

CHARGERS

Rapid chargers charge batteries in approximately one hour. Standard chargers charge batteries in approximately 16 hours.

Rapid

HTN9042A Single Unit, Intellicharge* Rapid Charger 110 Volts

HTN9043A Single Unit, Intellicharge* Rapid Charger, European Plug, 220 Volts

HTN9044A Single Unit, Intellicharge* Rapid Charger, United Kingdom Plug, 240 Volts

Standard

HTN9702A Single Unit, Standard Charger 110 Volts

HTN9804A Single Unit, Standard Charger European Plug, 220 Volts

HTN9805A Single Unit, Standard Charger United Kingdom Plug, 240 Volts

HTN9702A

*90 minute charge time for NiCD batteries

HTN9805A

CHARGERS

Multiple Unit Chargers

They can charge up to six batteries in approximately one hour and are available in a variety of voltages for domestic and international applications.

HTN9811C

HTN9748C Multiple Unit, One Hour Rapid Charger, 110 Volts

HTN9811C Multiple Unit, One Hour Rapid Charger, European Plug, 220 Volts

HTN9812C Multiple Unit, One Hour Rapid Charger United Kingdom Plug, 240 Volts

HTN9164B Multiple Unit, 90 minute Rapid Charger 110 Volts

HTN9165A Multiple Unit, 90 minute Rapid Charger European Plug, 220 Volts

HLN9944A Wall Mounting Bracket for Multiple Unit Chargers

HLN9944A

Vehicular Charger

The vehicular charger is designed to easily charge your batteries in a vehicle by adapting a single unit, rapid rate charger to the cigarette lighter adapter. This is ideal when a radio is often used in a vehicle.

HLN9719A

HLN9719A Vehicular Charger Adapter/Bracket, 12 Volts for use with Rapid Rate Chargers HTN9630A, HTN9802A, HTN9803A, HTN9167, HTN9168, HTN9169, HTN9042, HTN9043, or HTN9044

MOTOROLA

GP300 Series
Portable Accessories

BATTERY MAINTENANCE SYSTEM PLUS (BMS Plus)

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).

WPLN4079AR Six Station, 110V AC, 50/60 Hz

WPLN4080AR Six Station, 230V AC, 50/60 Hz

WPLN4079AR

Adapter

TDN9437A Adapter, belt clip required

TDN9452A Adapter, used with battery and radio, charge only; does not condition battery

TDN9662A Adapter, for battery without belt clip

*Compatible with the STAR Micronics SP200 series printers, available from any STAR Micronics distributor, and other printers with STAR emulation.

BATTERY OPTIMIZING SYSTEM (BOS)

The Battery Optimizing System accommodates NiCD, NiMH, Li-Ion, and SLA. Four independent stations for simultaneous service of 4 batteries. Reads battery capacity in percentage of nominal rating; verifies voltage; measures battery temperature and displays battery impedance in milliohms. (Adapter sold separately).

WPLN4071AR

WPLN4071AR 4 Station, 110V AC, 50/60 Hz

WPLN4073AR 4 Station, 230V AC, 50/60 Hz

Adapter

RL-71883 Standard Adapter, GP300

MOTOROLA CONDITIONING CHARGER (MCC)

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.

WPPN4002BR 110V AC Base Charge Unit only

WPPN4006AR 220V AC Base Charge Unit only

WPPN4005BR 7 Volt Adapter only

WPLN4088BR MCC Kit, 110V AC; includes both base unit and 7V adapter

WPLN4089AR MCC Kit, 220V AC; includes both base unit and 7V adapter

3080384G15 Cigarette Lighter Adapter Cord

MCC Multi-Unit Conditioning Charger

WPPN4065AR Four-station Base, 110V. (Order adapter plates separately)

MOTOROLA

GP300 Series
Portable Accessories

BATTERY DISCHARGE TESTER

RLN4201B

Tester determines a battery's delivered capacity by discharging a fully charged battery. 'LED' indicates cycle status by turning "ON" when fully charged battery is placed in adapter and "OFF" when discharge is complete. Plug-in adapters allow one console to discharge most batteries. No AC power source required (console is powered by discharging battery).

RLN4201B Single Unit Battery Discharge Tester, Requires Battery Adapter or Cable/Clip Lead

RLN4319A Battery Adapter, GP300

RKN4037A Cable/Clip Lead, 7.5V

VEHICULAR BATTERY ELIMINATOR

The battery eliminator helps save battery life by eliminating the need for a battery while in a vehicle. The battery eliminator operates off of a vehicle's electrical system and is ideal when a radio is frequently used in a vehicle.

HKN8036B Battery Eliminator

6580379E53 3 Amp Mini Blade Fuse Replacement for HKN8036

HKN8036B

HOUSING KITS

HLN3002A 2-Channel Housing Kit with Speaker and Flex

HLN3003A 8-Channel Housing Kit with Speaker and Flex

HLN3169A 16-Channel Housing Kit with Speaker and Flex

CONVERSION KIT

HLN9578A 25kHz to 12.5kHz conversion kit for GP300

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 & battery and permit audio to be heard clearly.

Standard

HLN9720A Leather Belt Loop Carry Case for High Capacity Battery

HLN9721A Leather Slim Belt Loop Carry Case for Low Capacity Battery

HLN9970A Leather DTMF Belt Loop Carry Case

HLN9750B Nylon Belt Loop Carry Case for High Capacity Battery

HLN9008A Leather Carry Case with Belt Loop for fully approved FM 1200 MAH Battery

HLN9750B

Swivel

HLN9873A Leather Swivel Carry Case for High Capacity Battery

HLN8411A Leather DTMF Swivel Carry Case for High Capacity Battery

HLN9009A Leather Cary Case with swivel for fully approved FM 1200 MAH Battery

HLN9011A Leather DTMF Carry Case with swivel for fully approved FM 100 MAH Battery

HLN9873A

HLN9017A Nylon Carry Case for fully approved FM 1200 MAH Battery

MOTOROLA

GP300 Series
Portable Accessories

CARRYING ACCESSORIES

Swiveller

TDN1002A Swiveller, includes holster, belt and strap

TDN1003A spare Swiveller Button

Carrying Holder

HLN9076B Molded Carry Holder for High Capacity Battery

HLN9974B

Straps

HLN8044A Strap for Molded Carry Holder, Snap

HLN9973A Strap for Leather Case, Snap

HLN9974B Strap for Nylon Carry Case, Snap

HLN9975A Strap for DTMF Carry Case, Snap

Carrying Straps

NTN5243A Carry Strap, Black Nylon, Adjustable Length, Attaches to “D” Rings on Carrying Cases

HLN8052A Wrist Strap

NTN5243A

HLN6602A

Chest Pack

HLN6602A Universal Chest Pack with Radio Holder and Velcro Secured Pocket

1505596Z02 Replacement Strap for HLN6602A

RadioPAK™

RLN4815A Universal RadioPAK™ with Radio Holder. Worn around waist with adjustable belt. Includes attached 6” by 8” zippered pouch for other job necessities

4280384F89 Universal RadioPAK™ belt lengthener; fits waists larger than 40”

CARRYING ACCESSORIES

Portable Radio Hanger

The portable radio hanger slides over and hangs from the door panel in a vehicle. The radio’s belt Clip slides onto the portable hanger allowing convenient, easy mounting. Two sizes are available to fit door panels.

TDN9327A

TDN9327A Portable Radio Hanger for Door Panels up to 2¾″

TDN9373A Portable Radio Hanger for Door Panels 2¾″ to 3¼″

4205857B01

Belt Loop

4205857B01 Belt Loop, Swivel, 3″

Belt Loop Adapter

Converts belt loop carrying cases to swivel.

HLN9149AR Swivel Belt Loop Adapter, for use with Carry Cases HLN9720A, HLN9721A, HLN9750A, and HLN9970A

Belt Clip

HLN9724A Belt Clip, 2½″

AUDIO ACCESSORIES

Remote Speaker Microphone

Provides remote transmit and receive capability conveniently while radio remains in the case.

HMN9030A Remote Speaker Microphone with Coil Cord and Clip Back

HKN9094A Replacement Cord for HMN9030A

HMN9030A

MOTOROLA

GP300 Series
Portable Accessories

AUDIO ACCESSORIES

Epaulet Strap

Black leather epaulet strap secures remote speaker microphone to epaulet straps on shirt or jacket and accommodates back Clip in leather cut-outs. Snap closure secures remote speaker microphone cord to allow reliable communications in hostile environments.

RLN4295A

RLN4295A Epaulet Strap, Small Clip

Surveillance Accessories

Surveillance accessories allow the user to privately receive communications with the earpieces and are ideal for covert operations.

HMN9727BR Earpiece Without Volume Control

HMN9752BR Earpiece With Volume Control

HMN9752BR

HMN9754DR Two-piece Surveillance Microphone, Push-To-Talk and Microphone are Combined in One Piece

5080386B90 Rubber Ear Inserts for Surveillance Accessories (25 per pack)

HMN9754DR

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

NTN8371A Low Noise Kit, includes rubber eartip for low noise environments

5080384F72 Replacement Foam Plugs. Pack of 50 (for use with NTN8370A)

AUDIO ACCESSORIES

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.

There are 3 items needed to make this product work:
1. Clear Comfortable Earpiece
2. Clear Acoustic Tube Assembly (NTN8371A)
3. Surveillance Kits

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

Flexible Ear Receiver

BDN6720A Ear receiver with GP300 style connector

Ear Microphone System

This compact unit picks Up the voice through bone vibrations in the ear canal. Ideal for use in high noise environments. Available in PTT or Voice-activated (VOX) capabilities for total hands free communications.

BDN6646C

BDN6646C* Ear Microphone for Standard Noise Levels (Up To 95 dB) With Push-To-Talk Interface

MOTOROLA

GP300 Series
Portable Accessories

AUDIO ACCESSORIES

BDN6706B* Ear Microphone for Standard Noise Levels (Up To 95 dB) With Voice-Activated Interface Module

BDN6706B

Optional Accessories

0180358B38* Remote Push-To-Talk Ring Switch

0180300E25 Earguard with Adjustable Loop

0180358B38

0180358B33

0180358B32 Earholder, Black, Size Small; secures ear mic in ear

0180358B33 Earholder, Black, Size Medium; secures ear mic in ear

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)

*Factory Mutual approved

AUDIO ACCESSORIES

Headsets

The broad line of headsets allows you to choose the right product for your application.

HMN9787DR Lightweight Headset with Swivel Boom Microphone, Single Speaker

BDN6647F Medium Weight Headset with Boom Microphone, Single Speaker

HMN9787DR

BDN6648C

BDN6648C Heavy Duty Headset with Noise Cancelling Boom Microphone, For Use Under Hardhat

HLN8096A Audio Accessory Security Clamp; Extra security for audio accessory

HMN9021A Medium Weight, Over-the-Head dual Muff Headset

HMN9022A Medium Weight, Behind-the-Head Dual Muff Headset for use under hardhat

HMN9022A

Lightweight Headsets

RMN4016 Lightweight Single Speakerf Headset with Swivel Boom Mic for left or right ear operation and in-line PTT button is FM and CE approved. *NOTE: VOX must be turned off in the RSS (Radio Service Software) for the RMN4016 headset to operated with the radio.*

5005125R02 Replaceable Ear Pad

MOTOROLA

GP300 Series
Antennas, Batteries

PORTABLE ANTENNAS

Heliflex Antennas

Motorola Heliflex antennas are specifically engineered for maximum output and greatest communication coverage.

HAD9338AR
Heliflex, 136-162 MHz, 6″

NAD6502AR
Heliflex, 146-174 MHz, 6″

8505816K07
Heliflex Stubby, 400-440 MHz, 3″

8505816K09
Heliflex Stubby, 470-520 MHz, 3″

NAD6502AR

8505816K07

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.

NAE6483AR
Flexible Whip, 403-520MHz, 6″

Tunable VHF antenna

Tunable VHF antenna kit gives the best coverage.

HAD9728B
VHF Kit,146-174MHz, 6″

HAD9728B

Stubby Antenna

Stubby antenna is ideal when radio is worn on the belt because the short antenna is non-obtrusive.

HAD9742A
Stubby, 146-162MHz, 3″

HAD9743A
Stubby, 162-174MHz, 3″

8505816K08
Stubby, 438-470MH,z 3″

HAD9743A

PORTABLE BATTERIES

Nickel-Cadmium

Part Number: **HNN8133B**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1100
Height: 5½″
FM Rating: IS & NI

Part Number: **HNN8308A**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 600
Height: 5½″
FM Rating: (NA)

Part Number: **HNN9628A**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1200
Height: 5½″
FM Rating: (NA)

Part Number: **HNN9701A**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1100
Height: 5½″
FM Rating: IS & NI

Part Number: **HNN9808B**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 600
Height: 5½″
FM Rating: IS & NI

Part Number: **HNN9987A**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1100
Height: 5½″
FM Rating: (NA)

Part Number: **WPNN4012AW**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1000
Height: 5½″
FM Rating: (NA)

MOTOROLA

GP300 Series

Aids, Software, Manuals

PORTABLE BATTERIES

Part Number: **WPNN4038AR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1200
Height: 5½″
FM Rating: (NA)

Nickel Metal Hydride

Part Number: **WPNN4040AR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1600
Height: 5½″
FM Rating: (NA)

SERVICE AIDS

HLN9756A

Remote Adapter

HLN9756A Remote BNC-RF Adapter, For Use With GP300 Only

Radio Interface Box

RLN4008B

Links radio programming cable and computer interface together. Provides required voltage shift to enable communications between radio and computer. Requires computer interface cable, radio test and programming cable, and 9 volt snap type battery (6008278J01), order separately.

RLN4008B Radio Interface Box

Computer Interface Cable

3080369B71

Used to connect computer's serial port to Radio Interface Box.

3080369B71 Cable, RIB to 25 pin D

3080369B72 Cable, Rib to 9 pin D

SERVICE AIDS

Programming Cable

Connects radio interface box to radio for programming.
HKN9857A Radio Programming Cable

Cloning Cable

HKN9755A Allows the radio to be duplicated from a master radio by transferring programmed data from one radio to another.

Test Set Cable

RKN4034 Connects radio to RTX4005 Test Box

0180357A57

Wall Mounted Power Supply

Used to supply power to radio interface box, RLN4008B

0180357A57 Wall Mounted Power Supply, 110 Volts

0180358A56 Wall Mounted Power Supply, 220 Volts

SOFTWARE

Programming Software

Utilizing your personal computer, this software enables you to add/or reprogram frequencies as your requirements change. Requires Radio Interface Box and proper cables, order separately.

HVN9128D Programming Software, 3½″ diskettes (includes manual and storage box)

INSTRUCTION MANUALS

6880901Z83 Operators Manual
6880901Z93 Service Manual

Remote Speaker Microphone (RSM)

Allows you to talk and listen without removing the radio from the belt, case or charger. Ideal for high noise level environments. This water resistant compact unit has a coiled cord, PTT switch and back cover clip.

HMN9030A Remote Speaker Microphone with Coil Cord and Clip Back (P1225 and P1225 LS—Factory Mutual Approved)

HMN9030A

Surveillance Kits

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

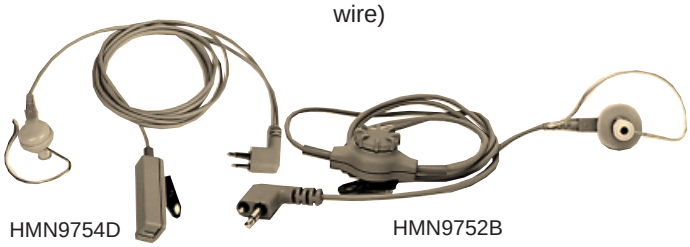
HMN9727B Earpiece Assembly with Earphone and Urethane Earloop, without volume control, beige (single wire), P1225/P1225LS—Factory Mutual Approved

RLN4894A Earpiece Assembly with Earphone and Urethane Earloop, without Volume Control, black (single wire)

HMN9752B Earpiece Assembly with Earphone, Volume Control, and Urethane Earloop, beige (single wire), P1225/P1225LS—Factory Mutual Approved

HMN9754D Earpiece Assembly with Microphone and Push-To-Talk Combined, beige (two wire), P1225/P1225LS—Factory Mutual Approved

RLN4895A Earpiece Assembly with Microphone and Push-To-Talk Combined, black (two wire)



HMN9754D HMN9752B

Completely Discrete Earpiece

Enables users to communicate with ease, in full privacy, without visible equipment. This miniaturized receiver is discretely hidden in ear, where it fits comfortably for long periods at a time. Small as it is, it offers a full range of audio functions including automatic squelch, automatic gain control and noise filtering. Average battery life is approximately 100 hours and includes and end-of-life battery circuit generating a warning signal when the battery needs to be changed.

Kit includes wireless receiver plus an inductive neckloop. Just remove the earpiece on any standard 2 or 3 wire Motorola surveillance kit (sold separately) and plug in the neckloop to use. Kit includes 6 spare batteries and 5 replacement ear wax guards.

RLN4922A Completely discrete earpiece

Replacement Items

RLN4919A Ear Wax Guards, 5 per pack

RNN4005A 1.4 Volt Battery, per pack

RLN4922A

Noise Kits

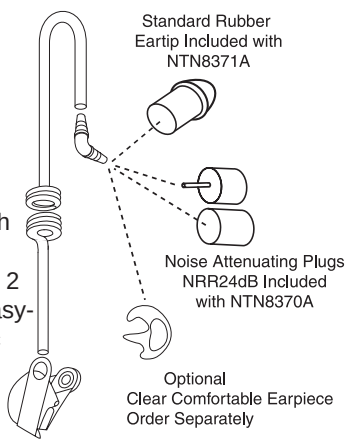
Lightweight translucent tube attaches to Motorola surveillance accessories. Clothing clip prevents the accessory from being pulled from the ear due to body movement or head rotation.

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

NTN8371A Low Noise Kit, includes rubber eartip for low noise environments

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

NTN8370A



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.

There are 3 items needed to make this product work:

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

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

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

BDN6646C

Accessories

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.

BDN6706B

And its high speech clarity under noisy environments makes it ideal for high noise environments. Available in PTT or Voice Activated (VOX).
BDN6646C Ear Microphone for standard noise levels (up to 95dB) with Push-To-Talk interface, (GP300—NOT FM approved—HLN8096 security clamp is recommended and must be ordered separately)
BDN6706B Ear Microphone for standard noise levels (up to 95 dB) with Push-to-Talk voice-activated interface module, (GP300—NOT FM approved—HLN8096 security clamp is recommended and must be ordered separately)

Ear Microphone System (EMS) Accessories

5080371E73 Rubber Ear Inserts for single wire and two wire earpieces—quantity 25
0180358B38 Finger Push-to-Talk Switch for ear microphone system
0180300E83 Body Switch Push-to-Talk for ear microphone system
0180358B33 Medium Earholder for ear microphone system, black (for securing ear microphone in ear); additional sizes and colors available
3580371E59 Replacement Windscreen (for boom microphone) for use with BDN6647
HLN8096A Audio Accessory Security Clamp

Flexible Ear Receiver

BDN6720A Flexible Ear Receiver—earpiece without volume control (flexible earloop and speaker which rests external to ear), (GP300—NOT FM approved—HLN8096 security clamp is recommended and must be ordered separately)

Add-On Retrofit Kits

HLN3748A DTMF Retrofit for 16 channel models (applicable on shipments after 3/15/92); Factory Mutual Approved radios must be returned to the depot for retrofitting

ORDER TODAY!
U.S. Customers Call
1-800-422-4210
U.S. Federal Government Customers Call 1-800-826-1913

Lightweight Headset

HMN9013A Lightweight Adjustable Headset with Swivel Boom Microphone (GP300—FM approved—HLN8096 security clamp recommended ordered separately; compatible with Internal VOX)

HMN9013A

Medium Weight Headsets

HMN9021A Medium Weight Dual Muff Headset, over the head noise reduction rating = 24dB (GP300—FM Approved—HLN8096 security clamp recommended ordered separately)
HMN9022A Medium Weight Dual Muff Headset, behind the head (can be worn with helmet); noise reduction rating = 24dB (GP300—FM Approved—HLN8096 security clamp recommended ordered separately)

HMN9021A

BDN6647F Medium Weight Single Speaker Headset with Boom Microphone (GP300-NOT FM Approved—HLN8096 security clamp recommended—order separately-comp with Internal VOX)

Noise-Canceling Headsets with Boom Microphone

Ideal for two-way communication in extremely noisy environments. Dual-muff tactical headsets include two microphones on the outside of the earcups which reproduce the ambient sound back into the headset. Harmful sounds are suppressed to a safe level and low sounds are amplified up to 5 times the original level, but never more than 82dB(A). Includes on/off volume control on earcups and 3-foot curly cord. Easily replaceable earseals are filled with liquid and foam combination to provide excellent sealing and comfort. Requires separate in-line PTT adapter cable. Hardhat not included.
RMN4052A Tactical Headband Style Headset, grey; noise reduction rating of 24dB
RMN4053A Tactical Hardhat Mount Headset, grey; noise reduction rating of 22dB

RMN4052A

RMN4051A

MOTOROLA ORIGINAL

Hardhat Mount Headset with Noise-Canceling Boom Microphone

Ideal for two-way communication in high-noise environments; mounts easily to hardhats with slots, excellent noise reduction of 22dB. Easily replaceable earseals are filled with liquid and foam combination to provide excellent sealing and comfort. 3-foot curly cord assembly. Requires separate in-line PTT adapter cable. Hardhat not included.

RMN4051A Two-Way Hardhat Mount Headset, black

Adapter Cables

RKN4094A In-Line PTT Adapter Cable for GP300, SP50 and P1225 radios

RMN4051A

Replacement Earseals for Headsets

RLN4923A Includes Two Replacement Snap-In Earseals; recommended replacement interval is once every six months to ensure constant level of attenuation, hygiene and comfort

Heavy Duty Headset

BDN6648C Heavy Duty Headset with Noise Cancelling Boom Microphone, noise reduction rating = 24dB

BDN6648C

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.

Nylon Carrying Cases

HLN9750B Nylon Carrying Case with Belt Loop
HLN9017A Nylon Carrying Case for fully approved FM 1200 mAh battery

Leather Carrying Cases

HLN9873A Standard Leather Carrying Case with Swivel and D-Rings (for use with shoulder strap)
HLN9720A Standard Leather Carrying Case with Belt Loop and D-Rings (for use with shoulder strap)
HLN9721A Slim Leather Carrying Case with Belt Loop and D-Rings (for use with shoulder strap)
HLN9008A Leather Case with Belt Loop for fully approved FM 1200 mAh battery and D-Rings (for use with shoulder strap)
HLN9009A Leather Case with Swivel for fully approved FM 1200 mAh battery and D-Rings (for use with shoulder strap)

DTMF Carrying Cases

HLN9970A DTMF Standard Leather Carrying Case with Belt Loop and D-Rings (use with shoulder strap)
HLN8411A DTMF Leather Carrying Case with Swivel and D-Rings (use with shoulder strap)
HLN9011A DTMF Leather Carrying Case with Swivel—fully approved FM 1200 mAh battery and D-Rings (use with shoulder strap)

Carrying Case Accessories

Belt Clips

HLN9724A 2-1/2" Belt Clip
HLN8255B 3" Spring Action Belt Clip
NTN5533A Replacement Belt Clip 3"

Swiveller

TDN1002A Swiveller — includes holster, belt and strap
HLN9149AR Swivel Belt Loop Adapter (GP300 — for use with HLN9720, HLN972, HLN9750, HLN9011, HLN9970 carrying cases)
HLN9035A Replacement Swivel Belt Loop 2-1/2"
NTN8040B 3" Swivel Belt Loop
TDN1003A Replacement/Spare Swiveller Button

HLN9149AR

Carrying Holder

HLN9076B Molded Carrying Holder with 3" Spring Action Belt Clip
HLN8414A Chest Pack Carrying Holder
HLN9985A Waterproof Bag, includes large Carrying strap

HLN9076B

Wrist Strap

HLN8052A Wrist Strap

Carry Strap

NTN5243A Shoulder Carrying Strap (GP300—use with leather carrying cases with D-Rings and nylon cases with HLN9149AR)

HLN8414A

Straps

HLN9084A Replacement Strap for molded carrying holder—HLN9076
HLN9973A Replacement Strap for nylon and leather carrying cases (GP300—for leather carrying case)
HLN9975A Replacement Strap for DTMF leather carrying case (HLN8411, HLN9970, and HLN9011)
HLN9974B Replacement Strap for carrying cases (GP300—for leather carrying case)

Carrying Accessories and Chargers

Chest Pack

Carry the radio mounted on chest with adjustable straps over shoulders and around waist.
HLN6602A Universal Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch
1505596Z02 Replacement Strap for HLN6602A

HLN6602A

Break-A-Way Chest Pack

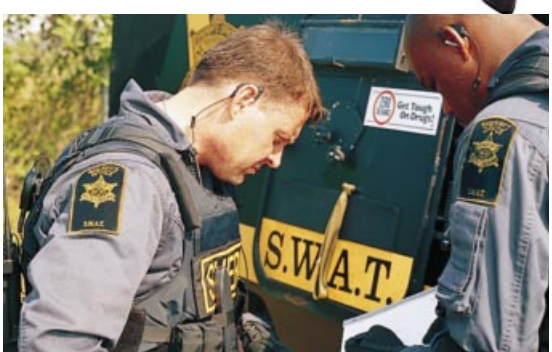
RLN4570A

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

RadioPAK™

RLN4815A Universal RadioPAK™ with Radio Holder. Worn around waist with adjustable belt. Includes attached 6" by 8" zippered pouch for other job necessities.
4280384F89 Universal RadioPAK™ belt lengthener; fits waists larger than 40"

RLN4815A



Vehicular Holder

The portable radio holder slides over and hangs from the door panel in a vehicle. The radio's belt clip slides onto the portable hanger allowing convenient, easy mounting. Two sizes are available to fit door panels.
TDN9327A Portable Radio Hanger for door panels up to 2.75"
TDN9373A Portable Radio Hanger for door panels up to 3.25"

TDN9327A

Batteries

HNN8308A NiCd 600 mAh Slim Battery
HNN9808B NiCd 600 mAh Fully Approved Factory MutualSlim Battery
HNN8133B NiCd 1200 mAh Limited Factory Mutual Battery
HNN9701A NiCd 1200 mAh Fully Approved Factory Mutual Battery
HNN9628A NiCd 1200 mAh High Capacity Battery

Vehicular Battery Eliminator

HKN8036B Vehicular Battery Eliminator (utilizes battery in vehicle for power)
6580379E53 3 Amp Mini Blade Fuse Replacement for HKN8036

Chargers

Single unit chargers available in either desktop or compact styles for small system users. Multiple unit chargers can be wall or rack mounted and are ideal for multi-shift operations. All chargers are specifically designed to meet the requirements of batteries manufactured by Motorola.

Single Unit Chargers, Rapid Rate

HTN9042A Single Unit Intellicharger, 110V, (90 minute charge time for NiCd batteries)
HTN9043A Single Unit Intellicharger, 220V, European plug (90 minute charge time for NiCd batteries)
HTN9044A Single Unit Intellicharger, 240V, UK plug (90 minute charge time for NiCd batteries)
HLN9719A Vehicular Charger Adapter and Bracket (12V—for use with the HTN9042 rapid rate charger): a charger base, without the transformer, HTN9886C can be ordered separately through AAD

HTN9042A

ORDER TODAY!
U.S. Customers Call
1-800-422-4210
U.S. Federal Government Customers Call 1-800-826-1913

Single Unit Chargers, Standard Rate

HTN9702A 120V, 10 hour standard rate charger
HTN9804A Single Unit Standard Charger, 220V, European plug
HTN9805A Single Unit Standard Charger, 240V, UK plug

HTN9702A

Multi-Unit Chargers

Multi-unit chargers can charge up to six batteries in approximately one hour and are available in a variety of voltages for domestic and international applications.
HTN9748A 120V, 6 Unit, 1 Hour Rapid Rate Charger
HTN9811C 220V, 6 Unit, 1 Hour Rapid Rate Charger, European plug
HTN9812C 240V, 6 Unit, 1 Hour Rapid Rate Charger, United Kingdom plug
HTN9164A 120V, 6 unit, 90 Minute Rapid Rate Charger
HTN9165A 220V, 6 Unit, 90 Minute Rapid Rate Charger, European plug
HLN9293A Wall Mounting Bracket for 90 minute multi-unit charger (GP300 - use with HTN9164 and HLN9165)
HLN9944A Wall Mounting Bracket for multiple unit chargers

HTN9748A

HTN9164A

Motorola Conditioning Charger (MCC)

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.
WPPN4002AR Base Charge Unit Only, 110V AC
WPPN4006AR Base Charge Unit Only, 220V AC
WPLN4088AR Motorola Conditioning Charger—includes 7.2 Volt Base, 110V AC, removable adapter plate and transformer, 60 minute rapid charge
WPLN4089AR Motorola Conditioning Charger—includes 7.2 Volt Base, 220V AC, removable adapter plate and transformer, 60 minute rapid charge
WPPN4005AR Adapter Plate Only (for conditioning charger)
3080384G15 Cigarette Lighter Adapter
WPPN4065AR Four Station Base, 110V (order adapter plates separately)

WPPN4065AR
Shown With Optional Adapter Plates

Battery Maintenance System^{Plus} (BMS^{Plus})

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).
WPLN4079AR Six Station, 110V AC, 50/60 Hz
WPLN4080AR Six Station, 230V AC, 50/60 Hz

WPLN4079AR

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1-800-422-4210
U.S. Federal Government Customers Call 1-800-826-1913

and Antennas

BMS^{Plus} Battery Adapter

TDN9437A Battery Adapter, belt clip required—for use with HNN9701A and HNN9628A batteries
TDN9662A Adapter, for HNN9628A battery without belt clip

TDN9437A

The Battery Optimizing System (BOS)

WPLN4071AR

No other battery analyzer matches the speed, effectiveness, accuracy, versatility and ease-of-use of the Battery Optimizing System. Best of all, the Battery Optimizing System helps lower your battery costs because you will get the maximum performance possible from each battery when it is maintained by the Battery Optimizing System.

- Accommodates NiCd, NiMH, Li Ion and SLA
- Impedance—test checks battery condition in six seconds
- Proprietary recondition cycle restores NiCd and NiMH batteries
- Printer output for reports and labels, computer interface
- High power—programmable from 100mA to 2 amps per station
- Interchangeable adapters accommodate all major batteries
- Simple, intuitive user interface with keypad

WPLN4071AR BOS, Four Station, 110V AC, 50/60 Hz
WPLN4073AR BOS, Four Station, 230V AC, 50/60 Hz
BOS Battery Adapter
RL-71883 Standard Adapter, GP300

Vehicular Charger

A great traveling companion that ensures constant communication while on the road. Allows the battery to rapid charge while using the radio. Users can receive communication immediately once the charger is connected, and transmit from a previously "dead" battery in just 5 minutes. Includes voltage regulated lighter adapter, custom charger base and coil cord. Ideal for public safety, utility and construction. Compatible with P1225, GP300, GTX, LTS2000, P110 radios.
RLN4833A Travel Charger

Vehicular Charger Bracket

HLN9719A Vehicular Charger Adapter/Bracket, 12V (for use with rapid rate chargers HTN9630, HTN9802, HTN9803, HTN9167, HTN9168, HTN9169, HTN9042, HTN9043, or HTN9044)

HLN9719A

Antennas

Heliflex

Motorola Heliflex antennas are specifically engineered for maximum output and greatest communication coverage.
HAD9338AR VHF Heliflex, 136-162 MHz, 6"
NAD6502AR VHF Heliflex Antenna, 146-174 MHz, 6"
8505816K24 Heliflex Stubby Antenna, 400-440 MHz, 3"
8505816K25 Stubby, 438-470 MHz, 3"
8505816K26 Heliflex Stubby Antenna, 470-520 MHz, 3"

8505816K24

Flexible Whip

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.
NAE6483AR Flexible Whip, 403-520 MHz, 6"

Tunable VHF

HAD9728B VHF Kit, 146-174 MHz, 6"

Stubby

Stubby antennas are ideal when the radio is worn on the belt because the short antenna is non-obtrusive.
HAD9742A Stubby, 146-162 MHz, 3"
HAD9743A Stubby, 162-174 MHz, 3"

8505816K25

NAE6483AR

HAD9728B

HAD9743B

MOTOROLA ORIGINAL