

SP10 Series

Parts List



(Exploded view not available)

SP10 Series

Parts List

REF. NO.	PART NO.	DESCRIPTION
	0780471C04	Battery Frame
	1380450D01	VHF Battery Frame Escutcheon
	1380450D02	UHF Battery Frame Escutcheon
	1580657B08	Battery Cover
	1380475C02	Front Label
	1580656B04	Housing (order Speaker Felt and Front Label separately)
	3580666B01	Speaker Felt
	3880502C01	PTT Actuator

REF. NO.	PART NO.	DESCRIPTION
	3880667B01	Accessory Cover
	4580469C02	PTT/Monitor Lever
	5505264T01	Battery Cover Latch
	7580469D01	Monitor Switch Pad (red)
	3680574C01	Volume Control Knob
	5080468C01	Microphone
	5005910P12	Speaker
	0180534D02	B+/B- Contact Assembly



SP10 Series

Portable Accessories

Chargers

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.



HTN9026CR

Single Unit Chargers, Rapid Rate

HTN9026CR Single Unit Charger, 3 Hour Rapid Rate, 120V

HTN9425B Single Unit Charger, 3 Hour Rapid Rate, 220V, European plug

HLN8251A 3-Hour Vehicular Charger Adapter and Bracket

Single Unit Chargers, Standard Rate

HTN8232A Wall Charging Adapter, Standard Rate, 120V (18-20 hrs for standard models, and 10 hrs for compact)

HTN9002A Wall Charging Adapter, Standard Rate, 220V (18-20 hrs for standard models, and 10 hrs for compact), European plug

HLN8371A 10 Hour Desktop Charging Tray, Standard Rate, 120V (requires the use of HTN8232 or HTN9002 shipped standard with all radios)



HLN8371A

Charger Conversion Kits

Provides a convenient means for housing from one to six single battery chargers. Each charger operates independently.

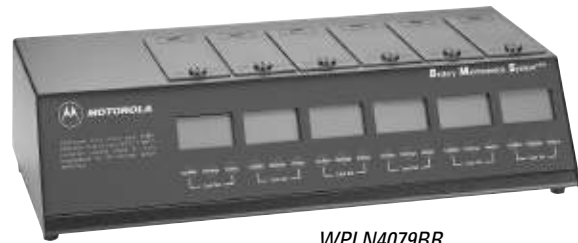
HTN9295A Multi-unit Charger Conversion Kit (accommodates up to six HLN8371 or HTN9026, purchased separately)

HLN9113A Desktop Charger, Converter Kit (compatible with HLN8371, HTN9026 or HTN9425); when added to your radio, this drop-in charger converter kit allows you to drop the entire radio into a desk top or spare battery charger

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).



WPLN4079BR

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

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

BMS^{plus} Adapter

TDN9447A Standard Adapter, SP10

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

SP10 Series

Portable Accessories

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 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 Battery Adapter

RL-71292 Standard Adapter, SP10

Carrying Accessories

Carrying Cases

A variety of carrying accessories are available for your comfort and convenience. The carrying cases are available in nylon and leather.

HLN9836A Nylon Carrying Case with Belt Loop

HLN9837A Leather Carrying Case with Belt Clip



HLN9836A

HLN9837A

Belt Clips

PMLN4124A Replacement Belt Clip

HLN8255B 3" Spring Action Belt Clip

Belt

4200865599 1.75" wide leather belt for all models



HLN9149AR



HLN9974B

Swiveller

HLN9149AR Swivel Belt Loop Adapter

Straps

HLN9974B Replacement Strap for carrying cases

Chest Pack

HLN6602A Universal Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pocket

1505596Z02 Replacement Strap for HLN6602



HLN6602A

SP10 Series

Portable Accessories

Carrying Accessories

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 that safety is a concern.



RLN4570A

RLN4570A Break-A-Way Chest Pack

Carrying Accessories

Remote Speaker Microphones (RSM)

Allow 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 clothing clip on the back cover.



HMN9051A

HMN9051A Remote Speaker Microphone



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"x8" 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"

Pellet Style Earpieces

Allows the user to receive and transmit communication discretely.

HMN9004A Receive-only Earbud (single wire)

HMN8435A Earbud with Clip Microphone and PTT (two wire)

7580372E70 Replacement Foam Ear Cushions (pack of 10)



HMN8435A

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 and provides 24dB of noise reduction

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

5080384F72 Replacement Foam Plugs – pack of 50 (use with NTN8370), noise reduction rating = 24dB



NTN8370A

NTN8371A



SP10 Series

Portable Accessories

Audio Accessories

Surveillance Kits

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



HMN8433A

HMN8433A Receive-only Surveillance Kit

5080371E69 Small Rubber Eartips, pack of 25, Beige

5080371E73 Standard Rubber Eartips, pack of 25, Beige

5880377E06 Plastic Earloop Adapter

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

5080369E40 Earloop, Plastic, Beige



HMN9040A

Flexible Ear Receiver

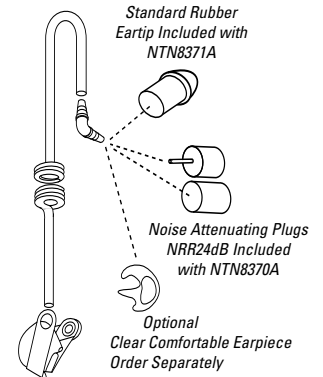
HMN9040A Flexible Ear Receiver, receive only (flexible earloop and speaker which rests external to ear)

7580372E11 Replacement Ear Cushion for HMN9040A

Audio Accessories

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:



Acoustic Tube with Earphone

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

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 an 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 Kit

Replacement Items

RLN4919A Ear Wax Guards, 5 per pack

RNN4005A 1.4 Volt Battery, 6 per pack

SP10 Series



Portable Accessories, Antennas

Audio Accessories

Headsets

BDN6774A Earpiece with Microphone (worn over ear with streamlined boom microphone)



BDN6774A

4280376E47 Replacement Over-the-Ear Loop for BDN6774A

RLN5580A Ultra-Light Headset with Boom Microphone and In-Line Push-to-Talk (PTT)



RLN5580A



BDN6773A

BDN6773A Lightweight Single Muff Adjustable Headset with Swivel Boom Microphone

BDN6775A External VOX (voice-activation) Adapter (for use with BDN6773 or BDN6774)

REX4648A Replacement Windscreen (for boom microphone) and Foam Ear Pad for BDN6773A

Portable Antennas

Heliflex Antenna

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

HAD9338AR

Heliflex, 136-162MHz, 6"



NAE6483AR

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, 6.5"

Stubby Antennas

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

HAD9742A Stubby, 146-162MHz, 3"

HAE9001A Stubby, 462-470MHz, 3"

External Antennas

VHF Mag Mount Antennas

HAD8437A VHF Magnetic Mount External Antenna, Includes Antenna, Magnetic Mount and HLN8262A

HAE8438A UHF Magnetic Mount External Antenna, Includes Antenna, Magnetic Mount and HLN8262A

HLN8262A External Antenna Adapter (BNC Connector)



HAE8438A

SP10 Series



Batteries, Service Aids, Manuals

Portable Batteries

Nickel-Cadmium Premium

Part Number: **HNN9044AR**

Volts: 7.5

Avg. mAh: 550

Height: 2-3/16"

Intrinsically Safe: No



HNN9044AR

Service Aids

HLN3987A Interference Eliminator, PL Retrofit Kit for Open Squelch Models

HLN8425A Operating Instructions/Business Information Kit

HLN3001A Service Kit, Contains Service Manual, Removal Tool, Tuning Tool and Extra Color Dots

Dot Label Kit

HLN9029A Dot Label Kit

Tuning Tool

6680619C01 Tuning Tool

Test Set Cable

RKN4034A RIB/Radio Test Set Cable

Manuals

6880902Z53 Service Manual

6880903Z55 User Manual

