TYPICAL CONTROLLER BOARD

TYPICAL RF BOARD

TYPICAL BATTERY

REF. NO.	PART NO.	DESCRIPTION
1	4505896U01	Lever, PTT
2	3205902U01	Seal, PTT, and Actuator for S404, S405, S406 S408
3	1505627V05	Cover, Front
4	----	Label, Agency Approval; not field replaceable
5	3305183R55	Label, Motorola
6	3305183R56	Label, HT1000
7	3505535X02	Felt, Speaker
8	See Note 1	Speaker (LS401)
9	0705470V01	Bracket, Speaker Retainer
10	See Note 1	Microphone (MK401)
11	1405330W02	Boot, Microphone
12	8405310W04	FLEX, Front Cover/Display
13	8405333W02	FLEX, Controls
14	3905517V01	Popple, PTT (p/o S406)
15	3605253V01	Knob, On/Off/Volume
16		Knob, Frequency
	3605254V02	2-Frequency Radios
	or	
	3605254V03	8-Frequency Radios
	or	
	3605254V01	16-Frequency Radios
17		Escutcheon, Control Top
	1305872U02	2-Frequency Radios
	or	
	1305872U03	8-Frequency Radios
	or	
	1305872U01	16-Frequency Radios
18	3205160W01	Seal, Actuator; for S101
19	2205159W01	Pin, Actuator; for S101
20	3205514W01	Seal, Accessory Connector
21	3205177Z01	Seal, Control Top
22	3205178Z01	Seal, Emergency Button
23	2705877U01	Housing, Switch
24	See Note 1	Switch, Toggle (S402)

REF. NO.	PART NO.	DESCRIPTION
25	See Note 1	Potentiometer/Switch On/Off/Volume Control (R401/S403)
26	3905329W01	Popple, Emergency Button
27	See Note 1	LED (CR702A/CR702B)
28	See Note 1	Switch, Frequency (S401)
29	1505632V01	Cover, Switch Housing
30	----	Spring, PA; not field replaceable, order front shield (item 37)
32	8405247V01	FLEX, Jumper
33	See Note 2	Plug, Connector (P404)
34	3205820V01	Seal, Connector Plug
35	----	Label, Rear; Information; not field replaceable
36	3205176Z01	"O" Ring, Contoured/Seal, Antenna
37	2605891U02	Shield, Front
38	0705856V01	Bracket, RF Switch
39	1505520V01	Housing, RF Switch
40	4105266V01	Spring, RF Switch
41	4405524V01	Piston, RF Switch
42	8405523V01	Circuit Board, RF Switch
43	1505892U06	Chassis (Rear Cover)
44	3905838V01	Contact, Antenna Shield Ground (800 MHz and 900 MHz radios only)
45	2605898U01	Shield, PA (800 MHz and 900 MHz radios only)
46	7505334W01	Pad, Sound Dampening
47	0405717W01	Washer, PTT Seal
49	7505393N33	Pad, Shock

NOTES:

1. Refer to electrical parts list (miscellaneous) for part number and complete description.

2. Refer to electrical parts list (transceiver board) for part number and complete description.

CHARGERS

Single unit chargers are 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. Rapid rate chargers fully charge the battery in less than three hours. Standard rate charges fully charge the battery in approximately 16 hours.

Single Unit Chargers, Rapid Rate

NTN1168A Enhanced Desktop, 117 Volts*

NTN1169A Enhanced Desktop, 220 Volts (supplied with 2 prong cord)**

NTN1170A Enhanced Desktop, 240 Volts (supplied with 3 flat prong cord)**

NTN1172A

NTN1171A Compact, 117 Volts*

NTN1172A Compact, 220 Volts (supplied with 2 prong cord)**

NTN1173A Compact, 240 Volts (supplied with 3 flat prong cord)**

Single Unit Chargers, Standard Rate

NTN1174A Desktop, 117 Volts*

NTN1175A Desktop, 220 Volts (supplied with 2 prong cord)**

NTN1176A Desktop, 240 Volts (supplied with 3 flat prong cord)**

CHARGERS

Multiple Unit Chargers

NTN1177C Six Pocket, Rapid Rate, 117 Volts

NTN1178A Six Pocket, Rapid Rate, 220 Volts (supplied with 2 prong cord)

NTN1177C

NTN1179A Six Pocket, Rapid Rate 240 Volts (supplied with 3 flat prong cord)

968A Rack Mount

NLN7967A Wall Mount

Enhanced Charger Line Cords

Cords can be used on any Enhanced Single or Multiple Unit Rapid Charger to provide versatility for Domestic or International charging capability.

3060665A04 Exchangeable Line Cord, 110V

3060665A05 Exchangeable European 2 Prong Line Cord, 220V

3002120F02 Exchangeable United Kingdom 3 Prong Line Cord, 240V

 * Underwriters Laboratory Approved

** VDE Approved

Vehicular Charger

**TDN9816A** Vehicular Charger for Nickel-Cadmium Battery; includes mounting bracket

TDN9816A

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
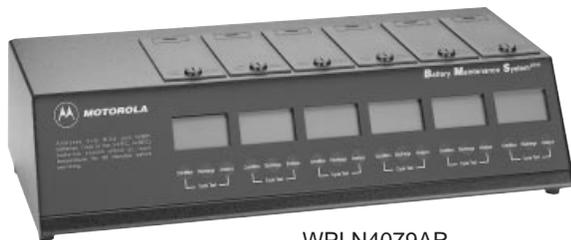
WPLN4079AR

Adapter

TDN9435C Standard Adapter, HT1000, NiCd

CDN6364A Standard Adapter, HT1000, NiCd and NiMH

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-72403 Standard Adapter, HT1000

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 110V AC Base Charge Unit only

WPPN4006AR 220V AC Base Charge Unit only

WPPN4004AR 7 Volt Adapter only

WPLN4090AR MCC Kit, 110V AC; includes both base unit and 7V adapter

WPLN4091AR 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)

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

BATTERY DISCHARGE TESTER

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

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

RLN4048A Battery Adapter, HT1000

RKN4037A Cable/Clip Lead, 7.5V

VEHICULAR BATTERY ELIMINATOR

The battery eliminator saves useful battery life by drawing power from a vehicle's battery. Simply replace the portable battery with the battery eliminator and plug in the cigarette lighter adapter.

RLN4335A

RLN4335A Battery Eliminator, Vehicular

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 Carrying Cases

NTN7238A Leather Carry Case with Belt Loop and T-Strap, for High Capacity Battery

NTN7239A Leather Carry Case with Belt Loop and T-Strap for Ultra High Capacity Battery

NTN7247A Nylon Carry Case with Belt Loop for High and Ultra High Capacity Batteries

NTN7247A

Swivel Carrying Cases

NTN7241A Leather Carry Case with 2½˝ Swivel Belt Loop and T-Strap for High Capacity Battery

NTN7242A Leather Carry Case with 2½˝ Swivel Belt Loop and T-Strap for Ultra High Capacity Battery

NTN7244A Leather Carry Case with 3˝ Swivel Belt Loop and T-Strap for High Capacity Battery

NTN7245A Leather Carry Case with 3˝ Swivel Belt Loop and T-Strap for Ultra High Capacity Battery

CARRYING ACCESSORIES

The following carry cases have a new, high activity swivel "D" button and belt loop. Case stays on belt more securely. To remove case from belt loop, rotate case 180° and slide case upward, out of the holder.

NTN8035A Leather Carry Case with High Activity Swivel, 2½˝ Belt Loop and T-Strap for High Capacity Battery

NTN8036A Leather Carry Case with High Activity Swivel, 2½˝ Belt Loop and T-Strap for Ultra High Capacity Battery

NTN8037A Leather Carry Case with High Activity Swivel, 3˝ Belt Loop and T-Strap for High Capacity Battery

NTN8036A

NTN8038A Leather Carry Case with High Activity Swivel, 3˝ Belt Loop and T-Strap for Ultra High Capacity Battery

NTN8039A 2½˝ Replacement Swivel Belt Loop for High Activity Swivel Cases

NTN8040A 3˝ Replacement Swivel Belt Loop for High Activity Swivel Cases

NTN1534A High Activity "D" Button and 2½˝ Belt Loop

NTN8038A

NTN1535A High Activity "D" Button and 3˝ Belt Loop

NTN8063A High Activity "D" Button Replacement

Swiveller

TDN9684A Swiveller, includes clip button, holster, and belt

TDN9690A Clip Button, mounts on battery

TDN9688A Holster, compatible with all buttons

TDN9687A 2˝ Side Nylon Belt

CARRYING ACCESSORIES

T-Strap

NTN5574A T-Strap for Leather Carry Cases

NTN7376A T-Strap for Nylon Carry Cases

NTN5574A

Belt Loops

4205857B01 Swivel Belt Loop, 2˝

4282421J06 Swivel Belt Loop, 2½˝

4205857B01

Belt Clips

4205638V04 Belt Clips, 2½˝

4205638V02 Belt Clip, 3˝

4205638V04

Belt

4200865599 2˝ Wide Leather Belt, for all models

4200865599

Carrying Strap

NTN5243A Shoulder Carrying Strap Allows Easy Carrying of Radio When Not Wearing a Belt

NTN5243A

CARRYING ACCESSORIES

Chest Pack

Carry the radio mounted in a pouch on the chest. Adjustable straps go over shoulders and around waist.

HLN6602A

TDN9326A Chest Pack

HLN6602A Universal Chest pack with Radio Holder, Pen Holder, and Velcro Secured Pouch

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"

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˝

AUDIO ACCESSORIES

Remote Speaker/ Microphones

Remote Speaker/ Microphone allows remote transmit and receive capabilities conveniently while radio remains in the case. These microphones include: 6´ Coiled Cord Assembly, 3.5 mm Earjack, Swivel Clip, and Quick Disconnect Latch.

NMN6193B Remote Speaker/ Microphone

NMN6191B Noise Cancelling Remote Speaker Microphone

NMN6193B

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.

RLN4294A Epaulet Strap, Velcro

RLN4295A Epaulet Strap, Small Clip

RLN4294A

RLN4295A

AUDIO ACCESSORIES

Public Safety Speaker/Microphones

Public Safety Speaker/ Microphones include 4.5´ Straight Cord Assembly, 3.5 mm Earjack, Swivel Clip, Quick Disconnect Latch, Antenna Connector, and Receive Audio High/Low Volume Push Button. Antenna must be ordered separately.

NMN6228C Noise-Cancelling Public Safety Speaker/Microphone

Surveillance Accessories

BDN6676B 3.5mm Jack Adapter with Quick Disconnect Latch. Required for use with all Surveillance Accessories

BDN6664A Beige Earpiece Assembly with Standard Earphone and Urethane Earloop

BDN6726A Black Earpiece Assembly with Standard Earphone and Urethane Earloop

BDN6664A

BDN6665A Beige Earpiece Assembly with Extra Loud Earphone (exceeds OSHA limits) and Urethane Earloop

BDN6727A Black Earpiece Assembly with Extra Loud Earphone (exceeds OSHA limits) and Urethane Earloop

BDN6666A

BDN6666A Beige Earpiece Assembly with Volume Control and Urethane Earloop

BDN6728A Black Earpiece Assembly with Volume Control and Urethane Earloop

BDN6667A

BDN6667A Beige Earpiece Assembly with Microphone and Push-To-Talk Combined

BDN6729A Black Earpiece Assembly with Microphone and Push-To-Talk Combined

AUDIO ACCESSORIES

BDN6668A Beige Earpiece Assembly with Microphone and Push-To-Talk Separate*

BDN6730A Black Earpiece Assembly with Microphone and Push-To-Talk Separate*

BDN6669A Beige Extra Loud Earpiece (exceeds OSHA limits) with Microphone and Push-To-Talk Combined*

BDN6668A

BDN6731A Black Extra Loud Earpiece (exceeds OSHA limits) with Microphone and Push-To-Talk Combined*

BDN6670A Beige Extra Loud Earpiece (exceeds OSHA limits) with Microphone and Push-To-Talk Separate*

BDN6732A Black Extra Loud Earpiece (exceeds OSHA limits) with Microphone and Push-To-Talk Separate*

5080369E38 Standard Earpiece Assembly (Earphone, Earloop, Eartip)

5080369E39 Extra Loud Earpiece Assembly (Earphone, Earloop, Eartip)

5080369E40 Plastic Urethane Earloop

5080369E41 Wire Earloop

5080371E69 Small Rubber Eartip

5080371E73 Standard Rubber Eartip

*Requires BDN6676 adapter

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

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

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

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

BDN6719A Ear receiver with 3.5mm threaded plug, requires adapter BDN6676B

BDN6719A

Pellet Style Earpieces

BDN6780A Single Earbud with Microphone and Push-To-Talk

BDN6781A Single Earbud, Receive Only

AUDIO ACCESSORIES

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. Order Interface Module separately.

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

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

BDN6677A

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

Interface Module

BDN6708B* Push-To-Talk Interface Module

BDN6671B* Voice-Activated Interface Module

BDN6708B

Optional Accessories

0180358B38* Remote Push-To-Talk Ring Switch

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

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

0180358B38

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

0180358B33

0180358B37 Earholder, Clear, Size Large; secures ear mic in ear

*Factory Mutual approved

AUDIO ACCESSORIES

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)

Heavyduty Headsets

Heavyduty headsets include Noise-Cancelling Microphones and can be worn with or without a hardhat. Headsets are for use in noise levels up to 125 dB. The Push-To-Talk switch is located on the earcup. The Vox module is contained within the headset on voice activated units. Heavy-duty headsets require radio adapter cable.

BDN6673B Radio Adapter Cable

BDN6645A Push-To-Talk Headset with Boom Microphone, Requires Adapter Cable BDN6673

BDN6645A
(shown with BDN6673B)

BDN6635B Voice-activated Headset with Boom Microphone, Requires Adapter Cable BDN6673

BDN6635B
(shown with BDN6673B)

BDN6636B Voice-activated Headset with Throat Microphone, Requires Adapter Cable BDN6673

BDN6636B
(shown with BDN6673B)

AUDIO ACCESSORIES

BDN6245A

Lightweight Headsets

Lightweight headsets have in-line push-to-talk switch. Requires BDN6676B Audio Adapter

NMN6245A Single Muff Lightweight Headset with In-line Push-To-Talk Switch (requires BDN6676B audio adapter)

NMN6246A Ultralite Headset with Boom Microphone and In-line Push-To-Talk Switch; ear bud receiver (requires BDN6676B adapter)

BDN6246A

NMN1020A Lightweight Headset with Boom Microphone to be worn on a helmet or safety glasses. Includes NKN6498A adapter cable. Requires BDN6676B adapter. FM approved.
NKN6498A Headset Adapter Cable for use with NMN1020A

PORTABLE ANTENNAS

Flexible Whip Antennas

Antenna has a one-piece finish and steel core for optimal strength and better radiation characteristics. Provides more comfort when radio is worn on the belt.

8505241U05
Flexible Whip, 403-520MHz, 6˝

8505241U05

8505241U03
Flexible Whip, 806-869MHz, 7˝

8505241U04
Flexible Whip, 896-941MHz, 7˝

Helical Antennas

Helical are sturdy and dependable for years of failsafe communication. Each antenna is designed and built to quality standards. The skirt at the base of the connector helps to seal out damaging elements. Connector is made of plated brass material for long life.

8505644V03

8505644V01
Helical, 136-151MHz, 6˝

8505644V02
Helical, 151-162MHz, 6˝

8505644V03
Helical, 162-174MHz, 6˝

8505644V04
Helical, 403-435MHz, 3˝

8505644V04

8505644V05
Helical, 435-470MHz, 3˝

8505644V06
Helical, 470-520MHz, 3˝

PORTABLE ANTENNAS

Dipole Antennas

Dipole molded antennas are injection molded in lasting polyurethane. The wide skirt at the bottom of the connector protects against damaging environmental elements. The dipole antenna is ideal when strong and solid signal clarity is demanded.

NAF4000B

NAF4000B
Dipole, 806-869MHz, 8˝

8505884R02
Dipole, 896-941MHz, 8˝

8505884R02

Wideband Antenna

Wideband antenna is ideal when radio is used in different frequencies since one antenna will cover all ranges.

8505518V01 Wideband, 136-174MHz, 6˝

Stubby Antenna

This quarterwave stubby antenna is ideal when radio is worn on the belt because the short antenna is non-obtrusive. This is a broadband antenna that can be used for both 800MHz and 900MHz applications.

8505241U06

8505241U06*
Stubby, 806-941MHz, 4˝

REPLACEMENT KITS

REX4398A 2/8/16 Channel Cosmetic Replacement Kit

*8505241U06 is a broadband antenna that operates in the 800/900 MHz band

MOTOROLA

PORTABLE BATTERIES

Nickel-Cadmium

Part Number: **NTN7143CR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1200
Height: 6˝
FM Rating: (NA)

Part Number: **NTN7144AR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1400
Height: 6˝
FM Rating: (NA)

NTN7143CR

Part Number: **NTN7146AR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1200
Height: 6˝
FM Rating: IS & NI

Part Number: **NTN7147AR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1400
Height: 6˝
FM Rating: IS & NI

NTN7147AR

Part Number: **NTN7149BR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1400
Height: 6˝
FM Rating: CSA

Part Number: **NTN7150A**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1200
Height: 6˝
FM Rating: MSHA

PORTABLE BATTERIES

Part Number: **NTN7341AR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1400
Height: 6˝
FM Rating: IS & NI

Part Number: **NTN7372AR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1300
Height: 6˝
FM Rating: IS & NI

NTN7372AR

Nickel Metal Hydride

Part Number: **WPNN4013A**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 2000
Height: 6˝
FM Rating: (NA)

Part Number: **WPNN4037A**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1900
Height: 6˝
FM Rating: IS & NI

Alkaline

Part Number: **NTN8122AR**
Charge: (NA)
Volts: 9V
Avg. MAH: (NA)
Height: 6˝
FM Rating: (NA)

WPNN4013A

MOTOROLA

SERVICE AIDS

Test Fixture

Used for trouble shooting radio when housing is removed.

RLN1018A Test Fixture

RLN1018A

Cloning Cable

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

RKN4036D Cloning Cable

Radio Interface Box

Links radio programming cable and computer interface together. Provides required voltage shift to enable communications between radio and computer. Requires computer interface cable, radio test and programming cable, and 9 volt snap type battery (6082728J01), order separately.

RLN4008B

RLN4008B Radio Interface Box

Computer Interface Cable

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

3080369B71 Cable, RIB to 25 pin D

3080369B72 Cable, RIB to 9 pin D

3080369B71

Radio Test and Programming Cable

Used with Portable Radio Test Set, RTX4005B, for transmitter, receiver alignment and performance checks. Also used in programming radio.

RKN4035D Radio Test and Programming Cable

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

0180357A57

SERVICE AIDS

Battery Eliminator

RLN1014A The Battery Eliminator acts like a battery with a cable to access a DC external power supply. It is ideal to inspect transmitters and receivers on incoming radios. Reverse supply polarity protection and input fuse protection are provided.

RLN1014A

Programming Software

Utilizing your personal computer, this software enables you to add or reprogram frequencies as your requirements change. Requires interface box and appropriate cables, must be ordered separately.

RVN4098H Programming Software

REFERENCE MANUALS

6881200C15	Theory and Troubleshooting Manual
6881200C25	Maintenance Manual
6881200C40	Maintenance Manual
6881079C50	Operator Manual

Remote Speaker Microphones (RSM)

Allows you to talk and listen without removing the radio from the belt case or charger. Ideal for high noise level environments. These water resistant microphones include 6.0' coil cord assembly, 3.5mm earjack, swivel clip and quick disconnect latch.
NMN6193B[†] Remote Speaker Microphone
NMN6191B[†] Noise Cancelling Remote Speaker Microphone

NMN6193B

Public Safety Speaker Microphones (PSM)

Public Safety Speaker Microphones include straight cord assembly, 3.5mm earjack, swivel clip, quick disconnect latch, antenna connector, and receiver, audio high/low volume push button. Antenna must be ordered separately. Use radio antennas on page 15.
NMN6228C[†] 30" Noise-Cancelling Public Safety Speaker/Microphone, straight cord
NMN6243B[†] 18" Noise-Cancelling Public Safety Speaker/Microphone, straight cord
NMN6244B[†] 24" Noise-Cancelling Public Safety Speaker/Microphone, straight cord

RSM 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.
RLN4294A Epaulet Strap, Velcro
RLN4295A Epaulet Strap, small clip

RLN4294A

Audio Accessories

Plugged into the 3.5mm earjack on the RSM audio adapter these audio accessories will mute the speaker on the RSM allowing the user to discretely hear all incoming messages. Ideal for noisy environments. The following audio accessories can also be plugged directly into the radio with the BDN6676D audio adapter.

BDN6781A Pellet Style Earpiece
BDN6719A Flexible Ear Receiver

RMN4056A Receive-Only Dual Muff Headband Style Headset; provides 24dB of noise reduction; for use with NMN6193B and NMN6191B (can be plugged directly into radio with BDN6676D adapter)
RMN4057A Receive-Only Headband Mount mounts easily to hardhats with slots and provides 22dB of noise reduction; for use with NMN6193B and NMN6191B (can be plugged directly into radio with BDN6676D adapter)

RMN4056A

Surveillance Accessories

Surveillance accessories allow the user to privately receive communications with the earpiece and are ideal when environments require discrete communications.
The following surveillance accessories require the BDN6676D (3.5 mm threaded adapter jack) that attaches to the radio, unless being used with speaker/microphone.

Earpiece Assembly with Standard Earphone and Urethane Earloop (1 Wire)
BDN6664A[†] Beige
BDN6665A[†] *Beige
BDN6726A Black
BDN6727A* Black

Earpiece Assembly (receive only) with Volume Control and Urethane Earloop (1 Wire)
BDN6666A[†] Beige
BDN6728A Black

BDN6667A

Earpiece Assembly with Microphone and Push-To-Talk Combined (2 Wire)
BDN6667A[†] Beige
BDN6669A[†]* Beige
BDN6729A Black
BDN6731A* Black

Earpiece Assembly with Microphone and Push-To-Talk Separate (3 Wire)
BDN6668A[†] Beige
BDN6670A[†]* Beige
BDN6730A Black
BDN6732A* Black
BDN6676D[†] 3.5mm Jack Adapter with Quick Disconnect Latch

BDN6668A

* Extra Loud Earphone (exceeds OSHA limits)
[†] FM Approved

Audio Accessories

Surveillance Kit Replacement Accessories

5080369E38 Standard Earpiece Assembly, includes earphone, earloop and eartip, beige
5080370E90 Standard Earpiece Assembly includes earphone, earloop and eartip, black
5080369E39 Extra Loud Assembly, includes earphone, earloop and eartip, beige
5080370E91 Extra Loud Earpiece Assembly, includes earphone, earloop and eartip, black
5080369E40 Plastic Urethane Earloop, beige
5080370E92 Plastic Urethane Earloop, black
5080369E41 Wire Earloop
5080371E69 Small Rubber Eartip, beige
5080371E71 Small Rubber Eartip, black
5080371E73 Standard Rubber Eartip, beige

5080369E39

5080370E92

5080369E41

5080371E75 Standard Rubber Eartip, black

Completely Discrete Earpiece

RLN4922A

Remain discretely 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 discrete 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 discrete communication.**
RLN4922A Completely Discrete 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

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,

NTN8370A

provides 24dB noise protection
NTN8371A Low Noise Kit, includes rubber eartip for low noise environments
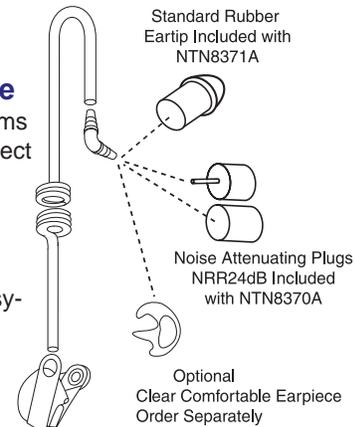**5080384F72** Replacement Foam Plugs; pack of 50 (for use with NTN8370A)

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

Standard Rubber Eartip Included with NTN8371A

Noise Attenuating Plugs NRR24dB Included with NTN8370A

Optional Clear Comfortable Earpiece Order Separately

Acoustic Tube with Earphone

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 needs to be ordered separately for EMS to work
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)
[†]FM APPROVED

BDN6641A
Shown with interface module

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Interface Module For EMS

BDN6708B† Push-To-Talk Interface Module
BDN6671B† Push-To-Talk or Voice-Activated Interface Module
†FM APPROVED

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
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)

BDN6708B

0180358B38

0180300E25

0180358B33

Flexible Ear Receiver

BDN6719A Ear Receiver with 3.5 mm Threaded Plug, requires adapter BDN6676D unless being used with speaker microphone

BDN6719A

Pellet Style Earpieces

BDN6780A Single Earbud with Microphone and Push-To-Talk, requires adapter BDN6676D, unless being used with speaker microphone
BDN6781A Single Earbud, receive only; requires adapter BDN6676D unless being used w/speaker microphone

BDN6780A

CommPort: Integrated Microphone/Receiver System

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.
NTN1624A Integrated Ear Microphone/Receiver System w/Palm PTT (includes BDN6676D 3.5mm Jack Adapter)
NTN1625A Integrated Ear Microphone/Receiver System (includes BDN6676D 3.5mm Jack Adapter)
NKN6510A Replacement Cable for NTN1624
NKN6508A Replacement Cable for NTN1625
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
4285838B01 Replacement Collar Clip
4202006A01 Replacement Back Cover Clip

NTN1624A

Lightweight Headsets

Lightweight headsets allow for high clarity, hands-free, discrete two-way communication, while adding comfort necessary for extended wear in moderate noise environments. **Requires BDN6676D Audio Adapter.**
NMN6245A† Single Muff Lightweight Headset with In-line Push-To-Talk Switch (requires BDN6676D adapter)
NMN6246B† Ultralite Headset with Boom Microphone and In-line Push-To-Talk Switch; ear bud style receiver (requires BDN6676B adapter)
NMN1020A† Lightweight Headset with Boom Microphone to be worn on a helmet or safety glasses. Includes NKN6498A adapter cable. Requires BDN6676D adapter. FM approved.
NKN6498A† Headset Adapter Cable for use with NMN1020A
5080574E02 Foam Earpads for use with NMN6245A, 10 per pack

† FM Approved

00&3000/mt2000
Audio Accessories

Medium Weight Headsets
Medium Weight Headsets offer high-clarity sound with the additional hearing protection necessary for providing consistent, clear two-way radio communications in harsh, noisy situations.
NMN6258A† Medium Weight Headset, over the head with In-Line PTT, Noise Reduction Rating = 24dB
NMN6259A† Medium Weight Headset, behind the head with In-Line PTT, Noise Reduction Rating = 24dB
RMN4051A Hardhat Mount Headset mounts easily to hardhats with slots and provides 22dB of noise reduction; **requires RKN4095A adapter cable, hardhat not included**
RKN4095A Radio Adapter Cable with IN-Line PTT for use with RMN4051A

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 ear cups.
RMN4052A Tactical Headband Style Headset, grey; provides 24dB of noise reduction and **requires RKN4095A adapter cable**
RMN4053A Tactical Hardhat Mount Headset mounts easily to hardhats with slots; provides 22dB of noise reduction and **requires RKN4095A adapter cable, hardhat not included**
RKN4095A Radio Adapter Cable with IN-Line PTT for use with RMN4051A and RMN4053A

Heavyduty Headsets
Heavyduty headsets include noise-cancelling boom microphones and can be worn with or without a hardhat. Headsets are for use in noise levels up to 125 dB. The Push-To-Talk switch is located on the earcup. The VOX module is contained within the headset on voice activated units.
Heavyduty headsets require radio adapter cable BDN6673B, to be ordered separately.
BDN6645A† Push-To-Talk Headset with Boom Microphone; requires adapter cable BDN6673B; noise reduction rating=24dB
BDN6635B† Voice-activated Headset with Boom Microphone; requires adapter cable BDN6673B; noise reduction rating=24dB
BDN6636B† Voice-activated Headset with Throat Microphone; requires adapter cable BDN6673B; noise reduction rating=24dB
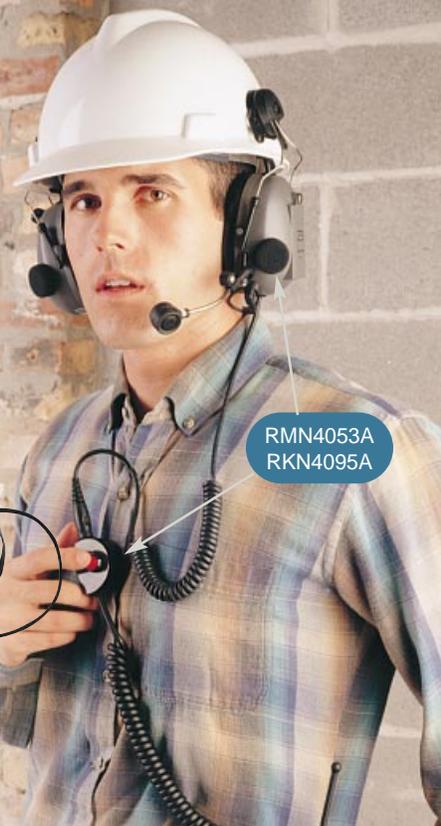**BDN6673B†** Radio Adapter Cable

† FM Approved

NMN6258A
RMN4053A RKN4095A
BDN6645A
BDN6635B
RMN4052A
BDN6636B

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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.

Standard Belt Loop Carrying Cases

NTN7238A Leather Carry Case with Belt Loop and T-Strap for use with high capacity battery
NTN7239A Leather Carry Case with Belt Loop and T-Strap for use with ultra-high capacity battery
NDN4018B DTMF Leather Carry Case with Belt Loop for use with high and ultra-high capacity batteries
NTN7247A Nylon Carry Case with Belt Loop and Strap for use with high and ultra-high capacity batteries

NTN7247A

NTN8038A   NTN8036A

High Activity Swivel Carrying Cases

The following carrying cases have a high activity swivel "D" button and belt loop. To remove case from belt loop, rotate case 180 degrees and slide case upward, out of the holder. Case stays on belt more securely in high activity applications versus standard swivel cases while allowing the radio to swing freely with body movements.
NTN8035B Leather Carry Case with 2.5" High Activity Swivel Belt Loop and T-Strap for use with high capacity battery
NTN8037B Leather Carry Case with 3.0" High Activity Swivel Belt Loop and T-Strap for use with high capacity battery
NTN8036B Leather Carry Case with 2.5" High Activity Swivel Belt Loop and T-Strap for use with ultra-high capacity battery
NTN8038B Leather Carry Case with 2.5" High Activity Swivel Belt Loop and T-Strap for use with ultra-high capacity battery
NDN4017B Leather Carry Case with 3.0" High Activity Swivel Belt Loop and T-Strap for use with high and ultra-high capacity battery

Carrying Case Accessories
T-Strap
NTN7782A T-Strap for leather Carry Cases
NTN7376A T-S trap for nylon carry cases

Belt Loops
NTN8039B 2.5" High Activity Swivel Belt Loop
NTN8040B 3.0" High Activity Swivel Belt Loop

Belt
4200865599
3.0" Wide Black Belt

420086599
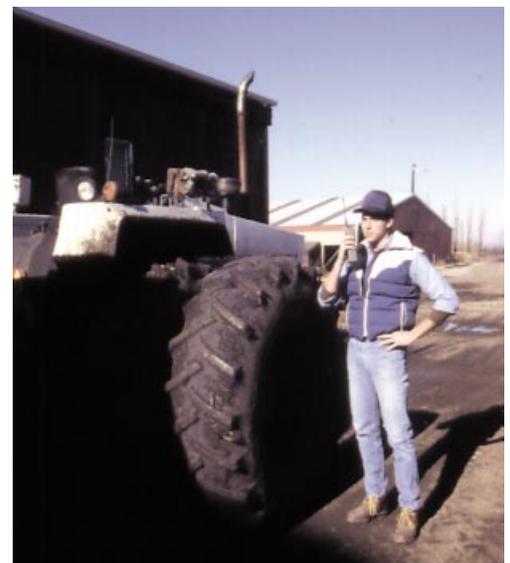
Carrying Strap
NTN5243A
Shoulder Carry Strap, allows easy carrying of radio in a case when not wearing a belt

NTN5243A

Carrying Accessories

Sviveller

TDN9684A Sviveller, includes clip button, holster and belt

Sviveller Replacement Accessories
TDN9690A Clip button, mounts on battery
TDN9688A Holster, compatible with all buttons
TDN9687A Belt, 2" nylon

TDN9684A

TDN9687A

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 Portable Radio Hanger for door panels up to 2.75"
TDN9373A Portable Radio Hanger for door panels up to 3.25"

TDN9327A

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

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

RLN4570A

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

MOTOROLA ORIGINAL

Nickel Cadmium

Part Number: **NTN7143CR**
Capacity   High
Avg. mAh: 1200
Part Number: **NTN7144AR**
Capacity   Ultra High
Avg. mAh: 1400
Part Number: **NTN7146AR**
Capacity   High
Avg. mAh: 1200
FM Rating:*   IS & NI
Part Number: **NTN7147AR**
Capacity   Ultra High
Avg. mAh: 1400
FM Rating:*   IS & NI
Part Number: **NTN7149BR**
Capacity   Ultra High
Avg. mAh: 1400
FM Rating:*   CSA

Part Number: **NTN7150AR**
Avg. mAh: 1200
FM Rating:*   MSHA
Part Number: **NTN7341AR**
Capacity   Ultra High
Avg. mAh: 1400
FM Rating:*   IS & NI
Part Number: **NTN7372AR**
Capacity   Ultra High
Avg. mAh: 1300
FM Rating:*   IS & NI

FM Rating:*
IS = Intrinsically Safe
NI = Non Incendiary CSA-MSHA

Nickel Metal Hydride

Part Number: **WPNN4013A**
Capacity   Ultra High
Avg. mAh: 2000
FM Rating: (NA)

Part Number: **WPNN4037A**
Avg. mAh: 1900
FM Rating: IS & NI

Alkaline

Part Number: **NTN8122AR**
Volts: 9V, 12 Cell Battery
                 Pack

Vehicular Battery Eliminator

The battery eliminator saves useful battery life by drawing power from a vehicle's battery. Simply replace the portable battery with the battery eliminator and plug in the cigarette lighter adapter. **RLN4335A** Battery Eliminator, vehicular

WPNN4013AR

NTN7143CR

NTN7372AR

NTN7144AR

RLN4335A

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oo&5000/mt2000

Batteries and Chargers

Chargers
Single unit chargers are 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. All chargers listed are rapid rate and will fully charge your battery in less than 3 hours.

NTN1168A

Single Unit Desktop Chargers—Rapid Rate
The desktop charger has the power supply built into the base unit and will charge both NiCd and NiMH batteries.
NTN1168A Rapid Rate Desktop Charger, 110V
NTN1169A Rapid Rate Desktop Charger, 220V (supplied with 2 prong cord)
NTN1170A Rapid Rate Desktop Charger, 240v (supplied with 3 flat prong cord)

Single Unit Compact Bi-Chemistry Chargers—Rapid Rate
The bi-chem charger has the power supply built into the line cord giving the user a smaller base unit for easier storage. It also utilizes an enhanced charging algorithm that will help maximize the life of your batteries. It will rapid rate charge both NiCd and NiMH batteries.
RPX4747A Compact Bi-Chem Charger, 110V
RPX4748A Compact Bi-Chem Charger, 230V Euro plug
RPX4749A Compact Bi-Chem Charger, 230V UK plug

ORDER TODAY!
1-800-422-4210

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

Multiple Unit Charger (MUC)
Multi-unit chargers offer six pockets that can be used to rapid charge 1 to 6 batteries simultaneously. The batteries can be charged with the radios or separately. They will rapid rate charge both NiCd and NiMH batteries.
NTN1177C Six Pocket, rapid rate110V
NTN1178C Six Pocket, rapid rate, 220V (supplied with 2 prong cord)
NTN1179C Six Pocket, rapid rate, 240V (supplied with 3 flat prong cord)

MUC Accessories
NLN7967A Wall Mount

NTN1177C

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.
WPLN4090AR MCC Kit, 110V AC; includes both base unit and 7V adapter
WPLN4091AR MCC Kit, 220V AC; includes both base unit and 7V adapter
WPPN4002AR 110V AC Base Charge Unit Only (order adapter plate separately)
WPPN4006AR 220V AC Base Charge Unit Only (order adapter plate separately)
WPPN4065AR Multi-Unit Conditioning Charger Four Station Base 110V (order adapter plate separately)
WPPN4004AR 7 Volt Adapter Only
3080384G15 Cigarette Lighter Adapter Cord; MCC multi-unit conditioning charger

WPPN4002AR
Shown With Optional
Cigarette Lighter Adapter

MOTOROLA ORIGINAL

WPLN4079AR

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).

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

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

BMS^Plus Adapter
TDN9435C Adapter Compatible with NiCd Batteries Only
CDN6364A Adapter Compatible with Both NiCd and NiMH Batteries

TDN9435C

Battery Optimizing System (BOS)
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 l00mA to 2 amp per station
• Interchangeable adapters accommodate all major batteries
• Simple, intuitive user interface with keypad (adapter sold separately)

WPLN4071AR Four Station, 110V AC, 50/60 Hz
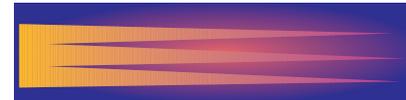**WPLN4073AR** Four Station, 230V AC, 50/60 Hz

WPLN4071AR

BOS Adapter
RL-72403 Standard Adapter

ORDER TODAY!
1-800-422-4210

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Chargers, Antennas and Manuals

Injection molded for rugged environments. Each antenna is tested and tuned to give maximum power and performance.

Flexible Whip Antennas

Antenna has a one-piece finish and steel core for optimal strength and better radiation characteristics. Provides more comfort when radio is worn on the belt.
8505241U05 Flexible Whip, 403-520 MHz, 6"
8505241U03 Flexible Whip, 806-869 MHz, 7"
8505241U04 Flexible Whip, 896-941 MHz, 7"

Helical Antennas

Helical antennas are sturdy and dependable for years of failsafe communication. Each antenna is designed and built to quality standards. The skirt at the base of the connector helps to seal out damaging elements. Connector is made of plated brass material for long life.
8505644V01 Helical, 136-151 MHz, 6"
8505644V02 Helical, 151-162 MHz, 6"
8505644V03 Helical, 162-174 MHz, 6"
8505644V04 Helical, 403-435 MHz, 3"
8505644V05 Helical, 435-470 MHz, 3"
8505644V06 Helical, 470-520 MHz, 3"

Dipole Antennas

Dipole molded antennas are injection molded in lasting polyurethane. The wide skirt at the bottom of the connector protects against damaging environmental elements. The dipole antenna is ideal when strong and solid signal clarity is demanded.
NAF4000B Dipole, 806-869 MHz, 8"
8505884R02 Dipole, 896-941 MHz, 8"

Wideband Antenna

Wideband antenna is ideal when radio is used in different frequencies since one antenna will cover all ranges.
8505518V01 Wideband, 136-174 MHz, 6"

Stubby Antenna

This quarterwave stubby antenna is ideal when radio is worn on the belt because the short antenna is non-obtrusive. This is a broad band and antenna that can be used for both 800MHz and 900MHz applications.
8505241U06 Stubby, 806-941 MHz, 4"

Miscellaneous Accessories

Public Safety Tilt Switch

An external emergency switch that is activated when the unit is tilted at a greater than 60 degree angle. Delay times are factory programmed for 8 seconds and are not field programmable. The emergency feature must be programmed into the radio to enable the tilt switch option. FM approved. Not compatible with the JT1000.
NTN7660A Public Safety Tilt Switch

Option Boards

NTN8313A Analog Voice Scrambler Advantage Board, for use with HT1000 only. NOT APPROVED for installation in FM approved models.

Service Manuals

6881200C15 HT1000/JT1000/MT2000 & MTX8000/9000 Radio Theory
6881200C40 HT1000/JT1000 & MT2000 Service Manual
6881200C25 MTX8000/9000 Service Manual
6881079C50 HT1000 Operator's Manual
6881078C45 JT1000 Operator's Manual
6881076C65 MT2000 Operator's Manual
6881072C10 MTX8000/9000 B3 Operator's Manual
6881072C40 MTX8000/9000 B5/B7 Operator's Manual

8505644V04

8505241U05

8505241U06

8505644V01

8505644V03

NAF4000B

8505884R02

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