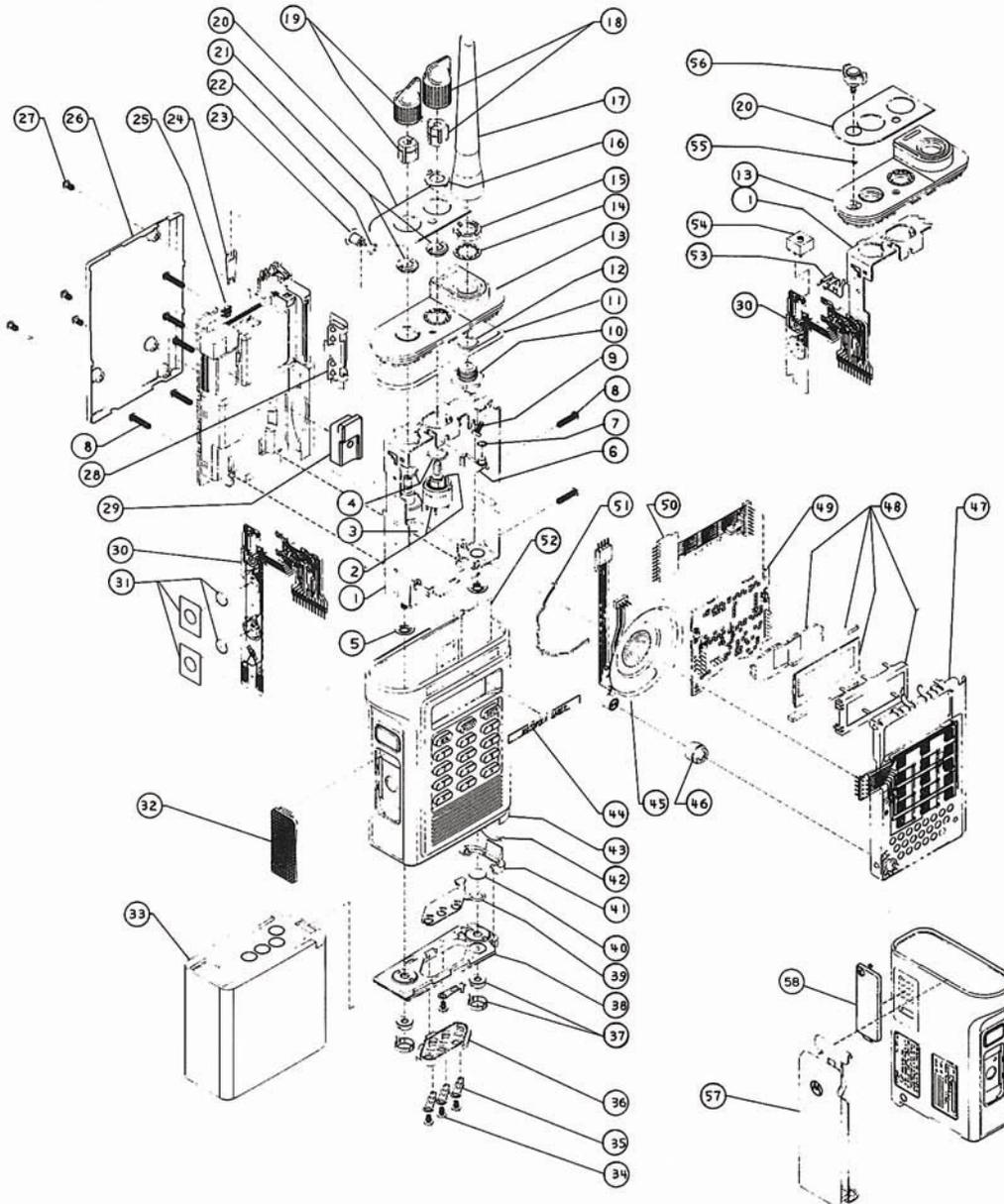




MOTOROLA

SABER Series

Parts List



**MOTOROLA**

SABER Series

Parts List

SABER I, II, III VHF/UHF

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	RPX4695A	Assembly, Frame Stud (includes item 5)	32	4505022P02	Lever, PTT, (part of item 43)
2	RPX4689A	Kit, Frequency Switch (S823) (includes item 4)	33	NTN4592CR	Battery, 500mAh
3	RPX4690A	Kit, On/Off Switch (S800)/Volume Control (R800) (includes item 4)		or	
4	3205082E68	Gasket, "O" Ring (2 req'd) (part of items 2 and 3)		NTN4593DR	Battery, 900mAh
5	3205422Q01	Seal, Stud (2 req'd) (part of item 1)		or	
6	6105436Q01	Lightpipe, LED		NTN4537CR	Battery, FM, 500mAh
7	3205082E59	Gasket, "O" Ring		or	
8	0300138542	Screw, Module, Ph Pah Hd; 2-56 x 3/8" (7 req'd)		NTN4538DR	Battery, FM, 900mAh
9	0305381L02	Screw, Top Panel; 2-32 (2 req'd)		or	
10	RPX4693A	Kit, Antenna Bushing (includes item 12)		NTN4596DR*	Battery, FM, 1250mAh
11	3205082E80	Gasket, "O" Ring (part of item 13)	34	0305706Q02	Screw, Baseplate Ph Pan Hd; 2-56 x 3/32" (4 req'd) (part of item 43)
12	3205082E58	Gasket, "O" Ring (part of item 10)	35	3905453Q01	Contact, Power (4 req'd) (part of item 43)
13	RPX4692A	Kit, Control Top Panel (includes item 11)	36	4205669T01	Retainer, Baseplate (part of item 43)
14	0400139731	Lockwasher, Internal Tooth	37	RPX4696A	Kit, Slotted Spanner Nut (2 req'd) (part of item 43)
15	0205765L02	Nut, Antenna Bushing	38	6405847N03	Baseplate, (part of item 43)
16	0405781Q01	Washer, Detent	39	3205701Q01	Seal, Elastomer (part of item 43)
17	8505816K01	Antenna, VHF Helical (136-150 MHz)	40	3205472M01	Seal, Vacuum Port (part of item 43)
	or		41	5505333Q01	Latch, Battery (part of item 43)
	8505816K03	Antenna, VHF Helical (150-162 MHz)	42	4105775Q01	Spring, Latch (part of item 43)
	or		43	NHN6395A	Assembly, Housing, SABER I (includes items 32, 34 thru 42, 44, and 45)
	8505816K05	Antenna, VHF Helical (162-174 MHz)		NHN6422A	Assembly, Housing, SABER II
	or			NHN6397B	Assembly, Housing, SABER III
	8505816K07	Antenna, UHF Helical (403-432 MHz)	44	3305183R03	Label, Bottom Nameplate, SABER I (part of item 43)
	or			3305183R01	Label, Top Nameplate, SABER I (part of item 43)
	8505816K08	Antenna, UHF Helical (440-470 MHz)		3305183R02	Label Name plate, SABER II and III
	or		45	0105950T07	Assembly, Speaker/Microphone Flex SABER II (8K Display)
	8505816K09	Antenna, UHF Helical (460-512 MHz)		0105950T06	Assembly, Speaker/Microphone Flex SABER II (2K Display)
	or		46	1405490Q02	Boot, Microphone
	8505247K04	Antenna, UHF Helical (403-512 MHz)	47	RPX4697A	Kit, Speaker Bracket, SABER (includes item 48)
18	RPX4699A	Kit, Frequency Knob	48	7505641N03	Pad, Speaker Bracket (part of item 47)
19	REX4105A	Kit, On/Off/Volume Knob	49	0105953T53	Controller PC Board
20	1305622Q01	Escutcheon, 12-Frequency	50	8405681U01	Flex Circuit, LCD Interconnect
	or		51	4205872S01	Retainer, Speaker
	1305622Q11	Escutcheon, 12-Frequency Emergency	52	1405182M03	Insulator, Universal Connector
	or		53	0705309R02	Bracket, Switch (optional)
	1305622Q04	Escutcheon, 12-Frequency Submersible	54	4005221R02	Switch, Dual-Functional (S801) (optional)
	or		55	3205082E68	Gasket, "O" Ring (optional)
	1305622Q13	Escutcheon, 12-Frequency Emergency, Submersible	56	3605392U03	Knob, Push-Only
21	0205916P01	Nut, Spanner (2 req'd)		or	
22	3205082E61	Gasket, "O" Ring (part of item 23)		NTN5068A	Knob, Push and Rotate
23	RPX4691A	Kit, RF Connector (includes items 22, 24)		or	
24	4205852N01	Contact, Ground, RF (part of item 23)	57	NTN4741B	Assembly, Belt Clip Non-Referenced Parts, SABER II and III
25	NLD8160B	Assembly, VHF Main PC Board		RPX4702A	Keypad with Bracket
26	NLE9450B	Assembly, UHF Main PC Board		RPX4703A	Kit, LCD
	NTN4647A	Assembly, Back Shield (includes item 27)	58	NTN7061A	Universal Connector
27	0305706Q01	Screw, Captive (4 req'd) (part of item 26)			
28	4205577Q01	Clip, Ground			
29	1405387R01	Boot, Oscillator			
30	RPX4700A	Kit, PTT/Controls Flex (includes item 31)			
	or				
	RPX4701A	Kit, PTT/Controls Flex Assembly (includes items 2, 3, 31)			
31	RPX4694A	Kit, Contact Snapdome (S803, 805) (2 req'd) (part of item 30)			

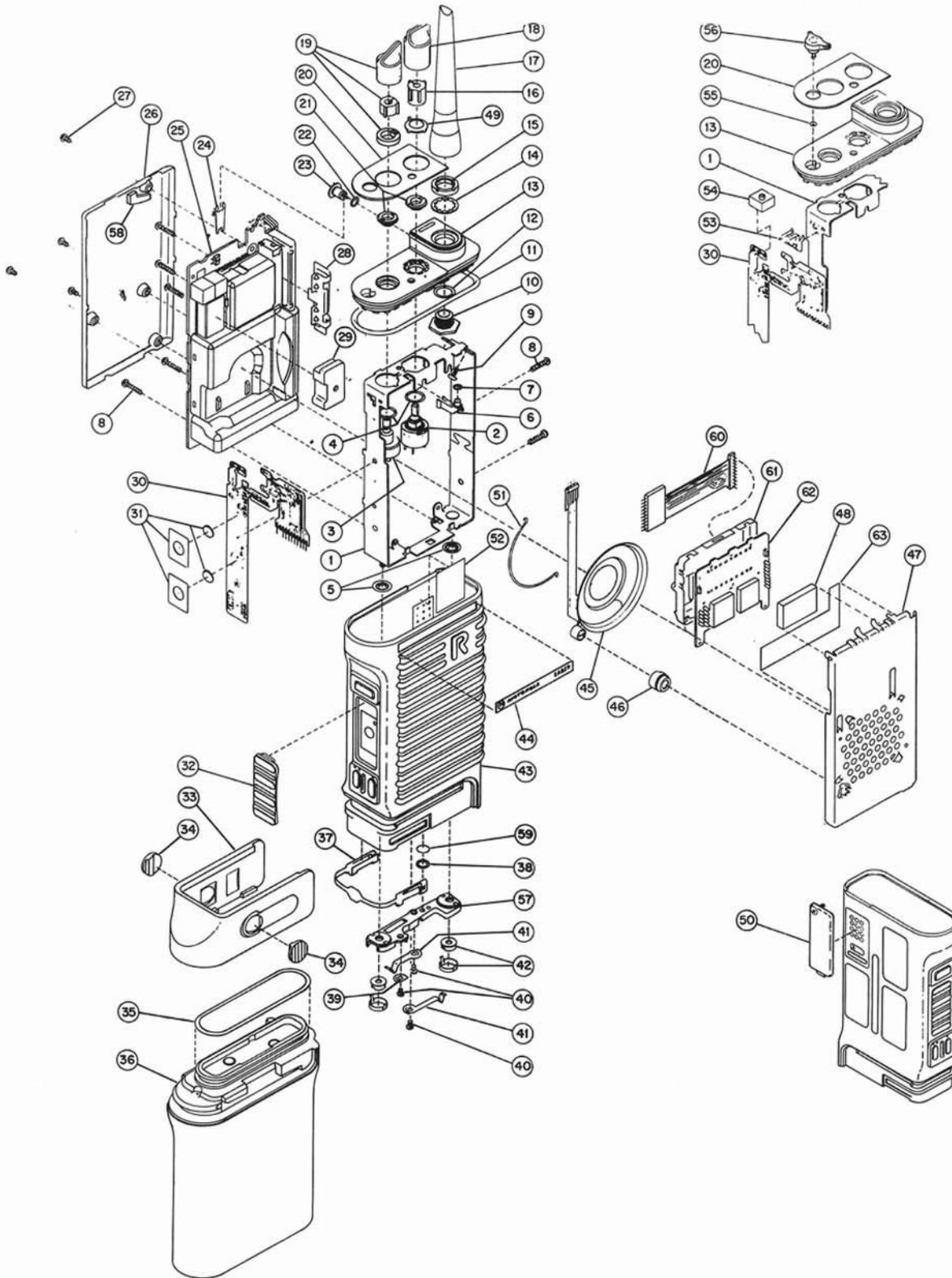
*Factory Mutual



MOTOROLA

SABER I R Series

Parts List



**MOTOROLA**

SABER I R Series

Parts List

SABER I R/Systems SABER I R

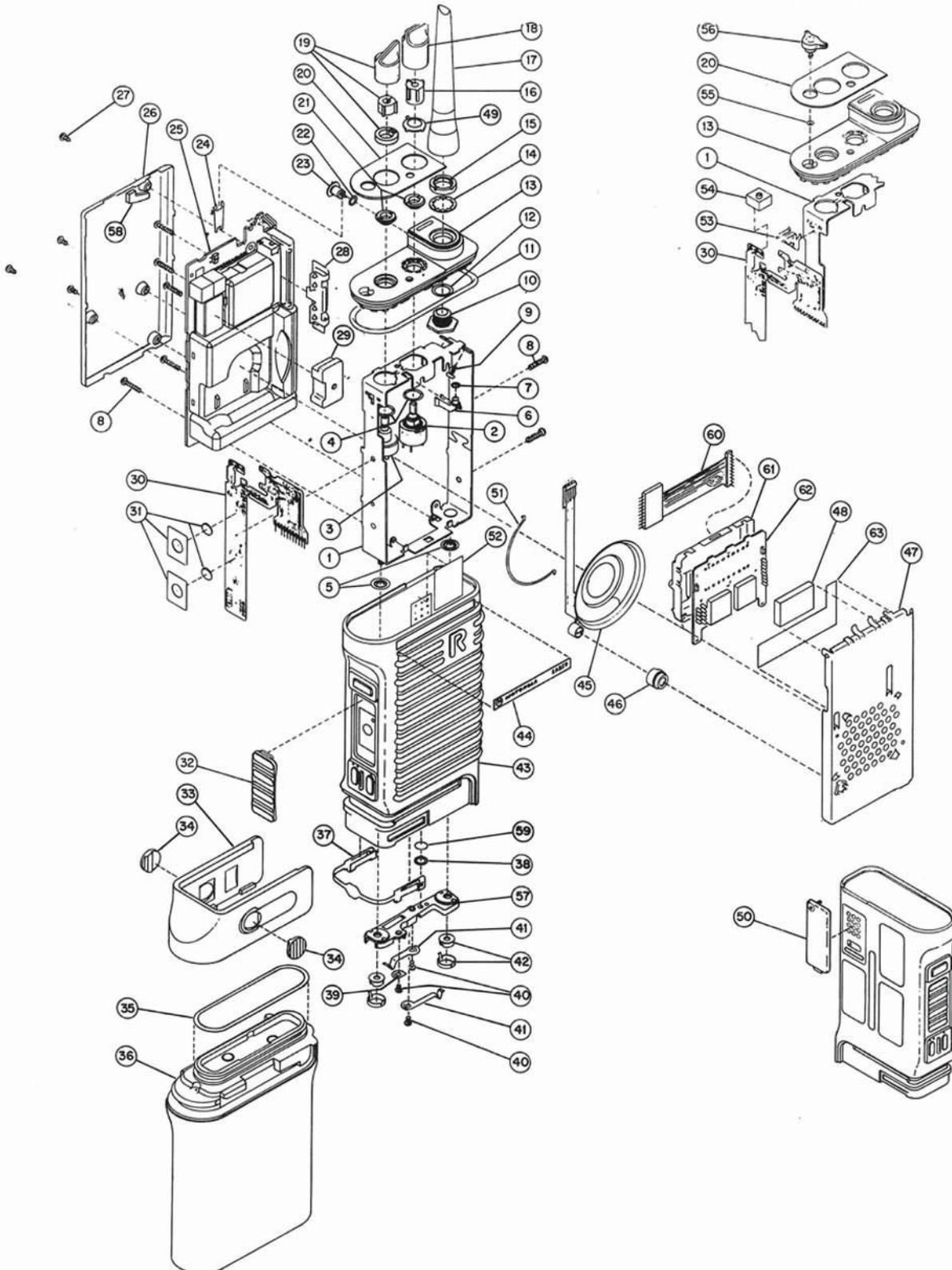
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	RPX4695A	Kit, Frame Stud (includes item 5)	26	NTN4647A	Assembly, Back Shield (includes items 27, 58)
2	RPX4689A	Kit, Frequency Switch (S823) (includes item 4)	27	0305706Q01	Screw, Captive (4 req'd) (part of item 26)
3	RPX4690A	Kit, On/Off Switch (S800)/Volume Control (R800) (includes item 4)	28	4205577Q01	Clip, Ground
4	3205082E62	Gasket, "O" Ring (2 req'd) (part of items 2 and 3)	29	1405343S01	Boot, Oscillator (SABER I)
5	3205422Q01	Seal, Stud (2 req'd) (part of item 1)	30	RPX4700A	Kit, PTT/Controls Flex (includes item 31)
6	6105436Q01	Lightpipe, LED		or	
7	3205082E59	Gasket, "O" Ring		RPX4701A	Kit, PTT/Controls Flex Assembly (includes items 2, 3, 31)
8	0305714J10	Screw, Module, PH Pan Hd; 7-56 x .400" (7 req'd)	31	RPX4694A	Kit, Contact Snapdome (S803, 805) (2 req'd) (part of item 30)
9	0300140332	Screw, Top Panel; 2-28 x .187" (2 req'd)	32	4505315V01	Lever, PTT (part of item 43)
10	RPX4693A	Kit, Antenna Bushing (includes item 12)	33	4205292V01	Slide (part of item 43)
11	3205082E80	Gasket, "O" Ring (part of item 13)	34	3805294V01	Button (2 req'd) (part of item 43)
12	3205082E58	Gasket, "O" Ring (part of item 10)	35	3205082E85	"O" Ring, Battery (part of item 36)
13	RPX4692A	Kit, Control Top Panel (includes item 11)	36	NTN7058AR	Battery, Submersible, 1500 mAh (includes item 35)
14	0400139731	Lockwasher, Internal Tooth	37	4105293V01	Spring (part of item 43)
15	0205591R01	Nut, Antenna Bushing	38	3205300V01	Seal, Elastomer (part of item 43)
16	----	Insert, Frequency Knob (part of item 18) (SABER only)	39	3905291V02	Lockwasher (part of item 43)
	or		40	0305706Q02	Screw, Baseplate PH Pan Hd; 2-56 x 3/32" (3 req'd) (part of item 43)
	4305141R03	Insert, Frequency Knob (Systems SABER only)	41	3905291V01	Contact, Power (2 req'd) (part of item 43)
17	8505816K01	Antenna, VHF Helical (136-150.8 MHz)	42	RPX4696A	Kit, Slotted Spanner Nut (2 req'd) (part of item 43)
	or		43	NHN6524A	Assembly, Housing (SABER I) (includes items 32 thru 34, 37 thru 42, 57, and 59)
	8505816K03	Antenna, VHF Helical (146-162 MHz)	44	3305183R63	Label, Nameplate (SABER I R)
	or			or	
	8505816K05	Antenna, VHF Helical (157-178 MHz)		3305183R64	Label, Nameplate (Systems SABER I)
	or		45	0105950T06	Assembly, Speaker/Microphone Flex, SABER I
	NAE6440B	Antenna, UHF Whip (403-520 MHz)	46	1405490Q02	Boot, Microphone
	or		47	RPX4697A	Kit, Speaker Bracket (SABER I) (includes item 48)
	8505477T02	Antenna, MB Helical (74-88 MHz)	48	7505641N03	Pad, Speaker Bracket (part of item 47)
18	RPX4699A	Kit, Frequency Knob (includes item 16) (SABER only)	49	0405781Q01	Washer, Detent (even number of switch positions)
	or			or	
	REX4017A	Kit, Frequency Knob, Low-Profile (includes item 16) (SABER only)		0405781Q03	Washer, Detent (odd number of switch positions)
	or		50	NTN7061A	Cover, Universal Connector
	3605526Q01	Knob, Frequency (Systems SABER only)	51	4205872S01	Retainer, Speaker
19	REX4105A	Kit, On/Off/Volume Knob	52	1405182M03	Insulator, Universal Connector
	or		53	0705319R02	Bracket, Switch (optional)
	REX4016A	Kit, Volume Knob, Low Profile	54	4005221R03	Switch, Dual-Function (S801) (optional)
20	1305622Q01	Escutcheon, 12-Frequency	55	3205082E83	Gasket, "O" Ring (optional)
	or		56	NTN5076B	Kit, Push-Only Knob (includes item 55)
	1305622Q11	Escutcheon, 12-Frequency Emergency		or	
	or			NTN5068A	Kit, Push-and-Rotate Knob (includes item 55)
	1305622Q04	Escutcheon, 12-Frequency, Submersible		or	
	or			NTN5069A	Kit, Rotate-Only Knob (includes item 55)
	1305622Q03	Escutcheon, 12-Frequency Emergency Submersible		or	
21	0205916P01	Nut, Spanner (2 req'd)		4305607S01	Plug, Seal
22	3205082E61	Gasket, "O" Ring (part of item 23)	57	6405296V01	Baseplate (part of item 43)
23	RPX4691A	Kit, RF Connector (includes items 22, 24)	58	7505934Q05	Pad, Backshield (part of item 26)
24	4205852N01	Contact, Ground, RF (part of item 23)	59	3205472M03	Seal, Vacuum Port (part of item 43)
25	NLD8750A	Kit, VHF SECURENET Main PC Board (SABER only)	60	8405681U01	Flex Circuit, LCD Interconnect (Systems SABER I R only)
	or		61	2605682U01	Shield, LCD Board (Systems SABER I R only)
	NLE4150B	Kit, UHF SECURENET Main PC Board (SABER only)	62	0105953T52	Assembly, Controller PC Board (Systems SABER I R only)
	or		63	1405888Q04	Insulator, Front Shield (Systems SABER I R only)
	NLC6370C	Kit, MB SECURENET Main PC Board (SABER only)			
	or				
	NLD8880B	Kit, VHF SECURENET Main PC Board (Systems SABER only)			
	or				
	NLE4200C	Kit, UHF SECURENET Main PC Board (Systems SABER only)			



MOTOROLA

SABER II R Series

Parts List





MOTOROLA

SABER II R Series

Parts List

SABER II R

REF. NO.	PART NO.	
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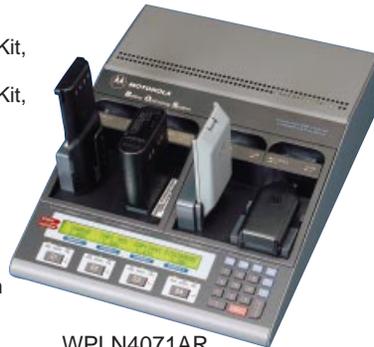
1	RPX4695A	Kit, Frame Stud (includes item 5)
2	RPX4689A	Kit, Frequency Switch (S823)

(includes item 4)

3	RPX4690A	Kit, On/Off Switch (S800)/Volume
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Control (R800) (includes item 4)		
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4	3205082E62	Gasket, "O" Ring (2 req'd)
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WPLN4071AR

5	3205422Q01	(part of items 2 and 3)
6	6105436Q01	Seal, Stud (2 req'd) (part of item 1)
7	3205082E59	Lightpipe, LED
8	0305714J10	Gasket, "O" Ring
9	0300140332	Screw, Module, Ph Pan Hd; 7-56 x .400" (7 req'd)
10	RPX4693A	Screw, Top Panel; 2-28 x .187" (2 req'd)
11	3205082E80	Kit, Antenna Bushing (includes item 12)
12	3205082E58	Gasket, "O" Ring (part of item 13)
13	RPX4692A	Gasket, "O" Ring (part of item 10)
14	0400139731	Kit, Control Top Panel (includes item 11)
15	0205591R01	Lockwasher, Internal Tooth
16	----	Nut, Antenna Bushing
17	8505816K01	Insert, Frequency Knob (part of item 18)
	or	Antenna, VHF Helical (136-150.8 MHz)
	8505816K03	Antenna, VHF Helical (146-162 MHz)
	or	Antenna, VHF Helical (157-178 MHz)
	8505816K05	Antenna, VHF Helical (157-178 MHz)
	or	Antenna, UHF Whip (403-520 MHz)
	8505247K04	Antenna, UHF Whip (403-520 MHz)
	or	Antenna, MB Helical (74-88 MHz)
18	RPX4699A	Kit, Frequency Knob (includes item 16)
	or	Kit, Frequency Knob, Low-Profile (includes item 16)
	REX4017A	Kit, Frequency Knob, Low-Profile (includes item 16)
19	REX4105A	Kit, On/Off/Volume Knob
	or	Kit, On/Off/Volume Knob
	REX4016A	Kit, Volume Knob, Low-Profile
20	1305622Q01	Escutcheon, 12-Frequency
	or	Escutcheon, 12-Frequency Emergency
21	1305622Q11	Escutcheon, 12-Frequency Emergency
22	0205916P01	Nut, Spanner (2 req'd)
23	3205082E61	Gasket, "O" Ring (part of item 23)
24	RPX4691A	Kit, RF Connector (includes items 22, 24)
25	4205852N01	Contact, Ground, RF (part of item 23)
	NLD8750A	Kit, VHF SECURENET Main PC Board
	or	Kit, VHF SECURENET Main PC Board
	NLE4150B	Kit, UHF SECURENET Main PC Board
	or	Kit, UHF SECURENET Main PC Board
	NLC6370C	Kit, MB SECURENET Main PC Board
26	NTN4647A	Assembly, Back Shield (includes item 27)
27	0305706Q01	Screw, Captive (4 req'd) (part of item 26)
28	4205577Q01	Clip, Ground
29	REX4121A	Boot, Reference Oscillator, SABER II
30	RPX4700A	Kit, PTT/Controls Flex (includes item 31)

REF. NO.	PART NO.	DESCRIPTION
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	or	
RPX4701A		Kit, PTT/Controls Flex Assembly (includes items 2, 3, 31)



MOTOROLA

SABER/SABER R Series

Portable Accessories

CHARGERS

Single Unit Chargers

Provides quick and accurate charge for all SABER batteries— in or out of the radio.



NTN4734A

NTN4734B Single Unit, Rapid Charge, 117V

NTN4786B Single Unit, Rapid Charge, 220V/240V

Multi-Unit Charger

Ideal charger for multi-shift operation or centrally located equipment rooms where spare batteries are always required. The charger can be either wall or rack mounted or placed on a desktop. Three LED indicators provide user feedback on the current charge state, battery and charger condition.



NTN4796C

NTN4796C Multi-Unit, Rapid Charge, 117V

NTN4797C Multi-Unit, Rapid Charge, 220V/240V

NLN7967A Wall Mount for Multi-Unit Charger

Porta Pocket Charger

NTN5563B Porta Pocket Charger, 110V AC, Regular Rate, includes AC Power Supply/Cable

NTN5793A Porta-Pocket Only, No Power Supply

NKN6289A 12V DC Ignition Wiring Cable, Includes Dash Mount Bracket

NKN6290A 12V Cigarette Lighter Receptacle Cable, includes Dash Mount Bracket

NLN9559A Spare Dash Mount Bracket

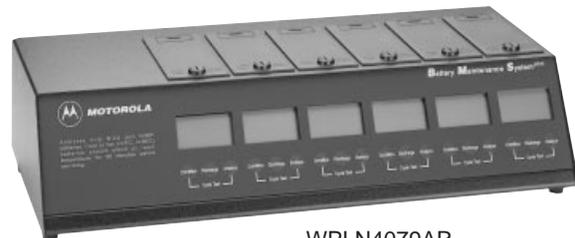
BATTERY MAINTENANCE SYSTEM^{PLUS} (BMS Plus)

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

Adapters

TDN9450A Adapter, 7.5V, 650/1000/1500 mAh SABER Batteries

TDN9434A Adapter, 7.5V for Ruggedized SABER Batteries

RLN4538A Adapter, 7.5V; insures battery contact in high vibration environment. SABER Battery held down with Velcro strap

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



MOTOROLA

SABER/SABER R Series

Portable Accessories

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-72703 Ruggedized Adapter, SABER R

RL-73063 Intrinsically Safe Adapter, SABER

RL-71203 Standard Battery Adapter, SABER

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

RLN4323A Battery Adapter, SABER

RKN4038A Cable/Clip Lead, 10V



MOTOROLA

SABER/SABER R Series

Portable Accessories

CARRYING ACCESSORIES

Carrying Cases

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



NTN5577A

Standard

NTN5576A Leather Carry Case, with Beltloop, for Light Capacity Battery

NTN5577A Leather Carry Case, with Beltloop, for Medium Capacity Battery

NTN5578A Leather Carry Case with Beltloop, for High/Ultra High Capacity Battery

NTN7062A Leather Carry Case, Nylon, includes T-Strap, for SABER-R only



NTN5644A

Swivel

NTN5579A Leather Carry Case, Snap, for Light Capacity Battery

NTN5580A Leather Carry Case, Snap, for Medium Capacity Battery

NTN5644A Leather Carry Case, Snap, for High/Ultra High Capacity Battery

T-Straps

NTN5574A 6" T-Strap, with Snaps

NTN5575A 7" T-Strap with Snaps, Securenet Radio Only



NTN5574A



4205857B01

Belt Loops

4205857B01 2" Swivel Belt Loop

4282421J06 2½" Swivel Belt Loop

CARRYING ACCESSORIES

Belt Clips

NTN4741B Belt Clip Attachment, Removable

NTN4788B Belt Clip Attachment, Removable, Securenet Radios Only



NTN4741B



NTN5243A

Carrying Strap

NTN5243A Adjustable Black Carrying Strap

Chest Pack

HLN6602A Universal Chest Pack with Radio Holder and Velcro Secured Pocket

1505596Z02 Replacement Strap for HLN6602A



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"



MOTOROLA

SABER/SABER R Series

Portable Accessories

AUDIO ACCESSORIES

Remote Speaker Microphone

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.

NMN6128C Remote Speaker/Microphone

NMN6166C Remote Speaker Microphone with 2.5 mm Earphone Jack



NMN6128C



NMN6129B

UHF Public Safety Microphone

This water-resistant microphone includes a high-low audio switch and straight cord. The external antenna provides additional antenna height for better radiation pattern.

NMN6129B UHF Public Safety Microphone (antenna and velcro patch must be ordered separately)

NMN6154B UHF Public Safety Microphone with 2.5 mm Earphone Jack (antenna, earphone, and velcro patch must be ordered separately)

5005178K01 Earphone with Cable for use with NMN6154

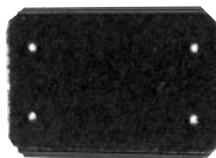
Antennas for NMN6129B and NMN6154B

8505355K03400-430 MHz

8505355K04440-470 MHz

8505309N11470-512 MHz

NLN8410A Velcro Patch Pin Attachment for Speaker Microphone Assemblies



NLN8410A

AUDIO ACCESSORIES

Remote Speaker Microphone Replacement Items

NTN5627A Button Snap

NTN5651A Velcro Back for Microphone

Epaulet Strap

Black leather epaulet straps secure remote speaker microphones to epaulet of shirts or jackets and attach around cord to back of microphone.

RLN4294A Epaulet Strap, Velcro

RLN4296A Epaulet Strap, Large Clip



RLN4294A



RLN4296A



NTN7061A

Connector Cover

NTN7061A Universal Connector Cover



MOTOROLA

SABER/SABER R Series Accessories, Antennas

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

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

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

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



BDN6643B

Interface Modules

BDN6642A* Push-To-Talk Interface Module

BDN6643B* Voice-Activated Interface Module

Optional Accessories

0180300E25
Earguard with Adjustable Loop

0180358B38*
Remote Push-To-Talk Ring Switch



0180358B38

AUDIO ACCESSORIES

Ear Microphone Accessories

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



0180358B33

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

High noise level headset (up to 125 db) with noise cancelling microphone and push-to-talk switch located on ear cup. Vox module contained within headset on voice activated units. Factory Mutual Approved. NOTE: Can be worn with or without hard hat or fire helmet.



BDN6645A

NTN5913A Headset Adapter Cable with Bayonet Jack

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

BDN6635B Voice-Activated Headset with Boom Microphone, Requires Adapter Cable, Includes 110V Charger



MOTOROLA

SABER/SABER R Series

Batteries

AUDIO ACCESSORIES



BDN6636B

BDN6640A Radio Adapter Cable

BDN6636B Voice-Activated Headset with Throat Microphone, Requires Adapter Cable, Includes 110V Charger

0180357B05 Spare VOX Headset Charger

6881126E79 Instruction Manual for BDN6645A

6881126E78 Instruction Manual for BDN6635B and BDN6636B

Lightweight Headsets

NMN6050B* Lightweight Headset with Boom Microphone, to be worn on a helmet or safety glasses. Requires NTN5913A adapter cable.

Flexible Ear Receiver

BDN6717B Ear Receiver with 2.5 mm plug, to be used with adapter NTN5212B



BDN6717B

NTN5212B Earjack Accessory Adapter. Allows use of any audio accessory with a 2.5 mm connector.

SURVEILLANCE ACCESSORIES

NTN5664D Surveillance Accessory Adapter (for Keyload Capable High and UHF Models Only) for use with the following:

ZMN6032A Microphone and PTT Combined Ear Piece

ZMN6031A Microphone and PTT Separate Ear Piece

ZMN6038A Microphone and PTT combined, Extra Loud Earpiece

ZMN6039A Microphone and PTT Separate, Extra Loud Earpiece



ZMN6031A

SURVEILLANCE ACCESSORIES



NSN6050A **NSN6050A** Earpiece Speaker Without Volume Control

5083693B08 Ear Piece Only, Extra Loud

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



MOTOROLA

SABER/SABER R Series

Service Tools, Aids

VEHICULAR ADAPTER

The SVA console kits, orderable separately, allow use of the portable radio in a mobile application. Order antenna separately.

NTN5487B SVA Charging Console, includes Power Cables and Hardware



NTN5487B



NSN6054A

NSN6054A 12-Watt External Speaker



HMN1056D

HMN1056D Microphone, Compact Palm

HMN1035C Microphone, Heavy-Duty Palm

NMN6150A Microphone, Full-featured Display

PORTABLE ANTENNAS

Heliflex Antenna

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

8505816K01
Heliflex Molded, 136-150.8 MHz, 6.5"

8505816K03
Heliflex Molded, 150.8-162 MHz, 6"

8505816K05
Heliflex Molded, 162-174 MHz, 6"

8505816K07
Heliflex Molded, 403-433 MHz, 3"

8505816K08
Heliflex Molded, 450-470 MHz, 3"

8505816K09
Heliflex Molded, 470-512 MHz, 3"



8505816K01



8505816K07

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.

8505247K06
Flexible Whip, 403-512 MHz, 5.5"



8505247K06



MOTOROLA

SABER/SABER R Series Service Aids, Manuals

PORTABLE BATTERIES

Nickel-Cadmium

Part Number: **NTN4537CR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 700
Height: 2 $\frac{3}{8}$ "
FM Rating: IS & NI



NTN4537CR

Part Number: **NTN4538DR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1000
Height: 3 $\frac{1}{4}$ "
FM Rating: IS & NI



NTN4538DR

Part Number: **NTN4592CR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 700
Height: 2 $\frac{3}{8}$ "
FM Rating: NI

Part Number: **NTN4593DR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1100
Height: 3 $\frac{1}{4}$ "
FM Rating: NI



NTN4593DR

Part Number: **NTN4595DR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1800
Height: 4"
FM Rating: NI

Part Number: **NTN4596DR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1800
Height: 4"
FM Rating: IS & NI



NTN4596DR*

PORTABLE BATTERIES

Part Number: **NTN4657AR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1100
Height: 4"
FM Rating: CSA

Part Number: **NTN4992CR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1800
Height: 4"
FM Rating: IS & NI

Part Number: **NTN7058AR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 1800
Height: 4"
FM Rating: IS

Lithium

Part Number: **NTN4905A**
Charge: (NA)
Volts: (NA)
Avg. MAH: (NA)
Height: 2 $\frac{11}{16}$ "
FM Rating: (NA)

Nickel Metal Hydride

Part Number: **NTN7014AR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 950
Height: 2 $\frac{3}{8}$ "
FM Rating: NI

Part Number: **NTN7426AR**
Charge: Rapid
Volts: 7.5V
Avg. MAH: 950
Height: 2 $\frac{3}{8}$ "
FM Rating: IS



MOTOROLA

SABER/SABER R Series

Portable Accessories

SERVICE TOOLS



RSX4043A

RSX4043A Torque Screwdriver, Order Bits Separately



6680370B89

6680370B89 Spanner Wrench, Removes Spanner Nuts at the Bottom of the Radio

6680371B34 Spanner Tool, Removes Antenna Nut

6680370B88 Spanner Tool, Removes Nuts for Volume Control and Channel Selector Switch

6680321B78 Phillips Power Bit #0, Removes Radio Screws

6680370B99* Toggle Switch Driver Bit, Removes Toggle Switch Nut

6680371B01* Antenna Nut Driver Bit, Removes Antenna Nut on Accessory

6680371B02* Button Screwdriver Bit, Removes Button Screw



6680321B78

* for Public Safety Remote Speaker Microphone Accessory (NMN6129A) only.

SERVICE AIDS

Housing Eliminator

Replace radio housing while servicing unit. Electrical test points can be accessed on back of RF board.

REN4001C Housing Eliminator



REN4001C

SERVICE AIDS



RTL4224A

Battery Eliminator

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 power supply polarity protection and input fuse protection are provided.

RTL4224A Battery Eliminator

Field Modification Kit

Allows for quick field modification of RTX4005 "A" test sets to provide operation with the radio.

RPX4665A Field Modification Kit, RTX4005A



RPX4665A



Radio Interface Box

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

RLN4008B Radio Interface Box



RLN4008B

Computer Interface Cable

Used to connect computers serial adapter to radio interface box.

3080369B71 Cable, RIB to 25 pin D

3080369B72 Cable, RIB to 9 pin D



3080369B71



MOTOROLA

SABER/SABER R Series

Portable Accessories

SERVICE AIDS

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

Radio Test and Programming Cable



RTK4203A

Used with Portable Radio Test Set, RTX4005, for transmitter, receiver alignment and performance checks. Also used in programming radio.

RTK4203C Test and Programming Cable

RF Adapter Cable

Must be used in conjunction with REN4001A housing eliminator. Radio housing must be removed.

0180358A63 RF Adapter Cable Terminated with BNC Male, Other End Mates with Radio Side Connector



0180358A63

Battery Load Tester

Tests battery under simulated load conditions. Has self contained voltmeter that shows battery voltage.

RTL4237A Battery Load Tester



RTL4237A

SERVICE AIDS

Test Cable

Used with Securenet equipped R2000 Series System Analyzers to test Saber radios with Securenet options. This cable is used with RTL4200A junction box and is part of RPX1013A Accessory Kit.

0180358A60 Test Cable

Programming Software

Utilizing your personal computer, this software enables you to add or reprogram frequencies as your requirements change. Compatible with IBM XT, AT, Model 30 50, 60 and 80. Requires Radio Interface Box and proper cables; order separately.

RVN4002K Programming Software, 3½" Diskette (includes manual and storage box)

SERVICE MANUALS

- 6881065C60** Operating Instructions Manual, SABER I, II, III
- 6881044C05** Theory/Maintenance Manual
- 6881043C90** VHF Service Manual
- 6881043C95** UHF Service Manual
- 6881045C70** VHF Service Manual, SABER Securenet
- 6881045C75** UHF Service Manual, SABER Securenet
- 6881065C60** Operating Instructions Manual SABER I
- 6881065C65** Operating Instructions Manual, SABER II Securenet

3267



This water-resistant microphone includes a high-low audio switch and straight cord. The external antenna provides additional antenna height for better radiation pattern.

NMN6129B* UHF Public Safety Microphone (antenna and Velcro patch must be ordered separately)

NMN6154B UHF Public Safety Microphone with 2.5 mm Earphone Jack (antenna, earphone, and Velcro patch must be ordered separately)

5005178K01 Earphone with Cable for use with NMN6154B



NMN6129B

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.

NMN6128C* Remote Speaker/Microphone

NMN6166C* Remote Speaker Microphone with 2.5 mm Earphone Jack

NMN6225B Remote Speaker/Microphone with Coil Cord and Telco Plug

5005178K01 Earpiece with Cable for use with NMN6166C



NMN6128C

RSM and PSM Accessories

Microphone Accessories

Antennas for PSM

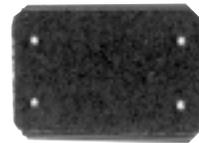
8505309N09 400-430 MHz

8505309N10 440-470 MHz

8505309N11 470-512 MHz

Velcro Patch

NLN8410A Velcro Patch Pin Attachment for speaker/microphone assemblies



NLN8410A

Epaulet Strap

Black leather epaulet straps secure remote speaker microphones to epaulet of shirts or jackets and attach around cord to back of microphone.

RLN4294A Epaulet Strap, Velcro

4205832A01 Epaulet Strap

RLN4296A Epaulet Strap, large clip



RLN4296A

Miscellaneous Accessories

Connector Cover

NTN7061A Universal Connector Cover



NTN7061A

*Factory Mutual Approved



NMN6225B

UHF Public Safety Microphone (PSM)



Audio Accessories

Surveillance Kits

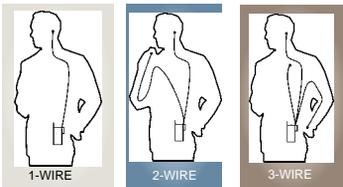
Surveillance accessories allow the user to privately receive communications with the earpiece and are ideal when environments require discrete communications.

The following Surveillance Kits require NTN5664D adapter:

- NSN6050A Earpiece Assembly with Standard Earphone and Urethane Earloop (1 Wire kit)
- ZMN6032A* Microphone and PTT Combined Ear Piece (2 Wire Kit)
- ZMN6031A* Microphone and PTT Separate Ear Piece (3 Wire Kit)
- ZMN6038A* Microphone and PTT Combined, Extra Loud Earpiece (exceeds OSHA limits) (2 Wire Kit)
- ZMN6039A* Microphone and PTT Separate, Extra Loud Earpiece (exceeds OSHA limits) (3 Wire Kit)
- NTN5664D Surveillance Accessory Adapter (with keyload capability)



ZMN6031A



*Factory Mutual Approved

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 of noise reduction
- NTN8371A Low Noise Kit, includes rubber eartip for low noise environments, does not provide hearing reduction
- 5080384F72 Replacement Foam Plugs; pack of 50 (for use with NTN8370A)

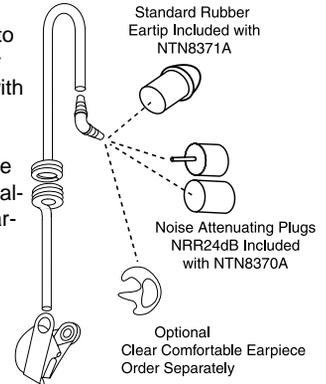
Clear Comfortable Earpiece

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. Does not provide hearing protection.

There are 3 items needed to make this product work:

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

3. Surveillance Kits
 - 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



Acoustic Tube with Earphone

Standard Rubber Eartip Included with NTN8371A

Noise Attenuating Plugs NRR24dB Included with NTN8370A

Optional Clear Comfortable Earpiece Order Separately

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 95 db), black
- BDN6678A* Ear Microphone for standard noise levels (up to 95 db), beige
- BDN6641A* Ear Microphone for high noise levels (up to 105 db), grey

*Factory Mutual Approved



BDN6641A Shown with interface module

Ear Microphone System (EMS) Cont'd

ORDER TODAY!
1-800-422-4210

Federal Government Customers Call 1-800-826-1913



Interface Modules For EMS

- BDN6642B* Push-To-Talk Only Interface Module
- BDN6643B* Push-To-Talk and Voice-Activated Interface Module

Optional Accessories for EMS

- 0180300E25 Earguard with Adjustable Loop
- 0180358B38* Remote Push-To-Talk Ring Switch
- 0180300E83* Remote Push-To-Talk Body Switch
- 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)



BDN6643B



0180358B33

CommPort: Integrated Microphone/Receiver System

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

- NTN1623A Integrated Ear Microphone/Receiver System w/Palm PTT (includes NTN5664D adapter)
- NKN6507A Replacement Cable for NTN1623
- 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



NTN1623A

Lightweight Headsets

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

- NMN6050B* Lightweight Headset with Boom Microphone, to be worn on a helmet or safety glasses; requires NTN5913A adapter cable
- NTN5913A Headset Adapter Cable with Bayonet Jack



NMN6050B

Flexible Ear Receiver

- Plugs directly into the NTN5212B adapter or the earjack on the speaker/mics. Earpiece utilizes a foam ear cushion that rests over the ear.
- BDN6717B Ear Receiver with 2.5/3.5 mm Plug, to be used with adapter NTN5212B
- NTN5212B Earjack Accessory Adapter; allows use of any audio accessory with a 2.5 mm connection



BDN6717B

Heavy Duty Headsets

Heavy duty headsets include noise canceling boom microphones and can be worn with or without a hardhat. Headsets are for use in noise levels up to 125db. The push-to-talk switch is located on the earcup. The Voice Activated (VOX) module is contained within the headset on voice activated models. Heavy duty headsets require radio adapter cable to be ordered separately.

- BDN6640A* Radio Adapter Cable
- BDN6645A* Push-to-Talk Headset with Boom Microphone, requires adapter cable BDN6640A; noise reduction rating = 24db



BDN6645A

- BDN6635B* Voice Activated (VOX) Headset with Boom Microphone, requires adapter cable BDN6640A; noise reduction rating 24db.

- BDN6636B* Voice Activated (VOX) Headset with Throat Microphone, requires adapter cable BDN6640A; noise reduction rating = 24db.

Accessories



NTN5487B

Vehicular Adapter

The SVA console kits, allow use of the portable radio in a mobile application. Order antenna separately.
NTN5487B SVA Charging Console, includes power cables and hardware

NSN6054A 12-Watt External Speaker

HMN1056D Microphone, compact palm

HMN1035C Microphone,

heavy-duty palm

NMN6150A Microphone, full-featured display (all other Saber Models except Startsite Saber SST/ATS)

NMN6169A Microphone, full-featured systems Saber display (compatible only with system Saber)



NSN6054A



ORDER TODAY!
1-800-422-4210

Federal Government Customers Call 1-800-826-1913

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.

Light Capacity Batteries

NTN5576A Leather Standard Snap

Carry Case with Belt Loop

(order T-strap separately)

NTN5579A Leather Swivel Snap Carry Case

(order T-strap and swivel belt loop separately)



NTN5576A



NTN5579A

Medium Capacity Batteries

NTN5577A Leather Standard Snap Carry Case Belt Loop

(order T-strap separately)

NTN5580A Leather Swivel Snap Carry Case

(order T-strap and swivel belt loop separately)



NTN5577A

Ultra High Capacity Batteries

NTN5578A Leather Standard Snap Carry Case with Belt Loop (order T-strap separately)

NTN5644A Leather Swivel Snap Carry Case (order T-strap and swivel belt loop separately)

Nylon Carry Cases

NTN7062A Nylon Standard Carry Case with Belt Loop (includes T-strap) for Saber-R only

NTN7216A Nylon Swivel Carry Case

(Includes T-strap swivel belt loop) for Saber-R only

Carrying Case Accessories

T-Straps

NTN5575A Nylon Snap T-Strap for system Saber only

NTN5574A Nylon Snap T-Strap for all other Saber models



NTN5574A

Belt Loops

4282421J06 2.5" Leather Swivel Belt Loop

4205857B01 3" Leather Swivel Belt Loop

NTN7844A 3" Nylon Swivel Belt Loop



4205857B01

SABER

Carrying Accessories,

Carrying Case Accessories Cont'd

Belt Clips

NTN4741B Removable Belt Clip Attachment,
NTN4788B Removable Belt Clip Attachment,
SECURENET RADIOS)



NTN4741B

Batteries

NTN4592CR* Light Capacity, NiCd, 700 mAh;
(not compatible with Starsite Saber SST/ATS)
NTN4593DR* Medium-Capacity, NiCd, 1100 mAh
NTN4595DR* Ultra-High Capacity, NiCd,
1800 mAh:



NTN4537CR

NTN4905A Disposable Lithium Primary (not
rechargeable; requires medium size carry case)
NTN4657AR† Medium-Capacity, NiCd, 1100 mAh
NTN7014AR* Light-Capacity, NiMH, 950mAh
NTN7426AR** Light-Capacity, NiMH, 950mAh
NTN4537CR*** Light-Capacity, NiCd, 700mAh (not
compatible with STARSITE SABER SST/ATS)
NTN4596DR*** Ultra-High Capacity NiCd,
1800 mAh



NTN4596DR

NTN4538DR*** Medium Capacity NiCd,
1000 mAh.
NTN7058AR** Ultra-High Capacity NiMH, 1800 mAh,
ruggedized (not compatible with Starsite Saber
SST/ATS)



NTN7058AR

NTN4992CR*** Ultra-High Capacity NiCd,
1800 mAh,

* Non Incendiary

** Intrinsically Safe

*** Non Incendiary and Intrinsically Safe

† CSA



NTN5243A

Carrying Strap

NTN5243A Adjustable Black
Carrying Strap attaches to "D"
ring on case

Chest Pack

HLN6602A Universal Chest Pack with
Radio Holder, Pen Holder, and
Velcro Secured Pocket.
1505596Z02 Replacement Strap for
HLN6602



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 that
safety is a concern.

RLN4570A Break-A-Way
Chest Pack



RLN4570A

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 necessi-
ties. Adjustable nylon
weave belt; fits both
men and women.
RLN4815A RadioPAK™
Radio/Utility Case
4280384F89 Universal
RadioPAK™ Belt Lengthener;
fits waists larger than 40"



ORDER TODAY!
1-800-422-4210

Federal Government Customers Call 1-800-826-1913

Batteries and Chargers

Single Unit Chargers

Provides quick and accurate charge for all SABER batteries—in or out of the radio.

NTN4734B Single Unit, rapid charge, 117V

NTN4786B Single Unit, rapid charge, 220V/240V



NTN4734B

Single Unit Rapid Universal Tri-Chemistry Chargers

Tri-chemistry chargers support Nickel Cadmium, Nickel Metal Hydride, and Lithium Ion.

NTN1667A 110V Universal Charger

NTN1668A 220V Universal Charger

NTN1669A 240V Universal Charger

Multi-Unit Charger

Ideal charger for multi-shift operation or centrally located equipment rooms where spare batteries are always required. The charger can be either wall or rack-mounted or placed on a desktop. Three LED indicators provide user feedback on the current charge state, battery and charger condition.

NTN4796D Multi-Unit, rapid charge, 117V

NTN4797C Multi-Unit, rapid charge, 220V/240V

NLN7967A Wall Mount for multi-unit charger



NTN4796C

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 (order adapter plates separately)

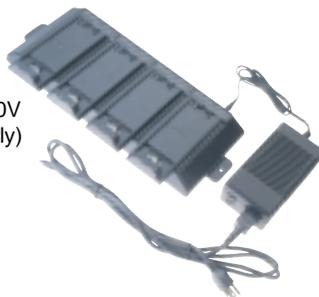
WPPN4006AR Base Charge Unit Only, 220V AC (order adapter plates separately)

WPPN4001AR Adapter Only, 7V

WPLN4096AR Base 110V AC (includes base unit and 7V adapter)

WPPN4065AR Multi-Unit Charger, four station base, 110V (order adapter plates separately)

3080384G15 Cigarette Lighter Adapter Cord



WPPN4065AR shown with four WPLN4001AR adapters

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 testing 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

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

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

TDN9450A NiCd Adapter, 7.5V, for use with NTN4537CR, NTN4538DR, NTN4592CR, NTN4593DR, NTN4595DR, NTN4596DR and NTN4992CR

TDN9434A NiCd Adapter, 7.5V for use with NTN7058AR SABER R

WPPN4066AR NiCd and NiMH Adapter, 7.5 V compatible with same batteries as TDN9450A adapter plus NTN8251AR

Battery Optimizing System (BOS)

No other battery analyzer matches the speed, 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 Amp per station
- Interchangeable adapters accommodate all major batteries
- Simple, intuitive user interface with keypad

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

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



WPLN4071AR

BOS Adapters

RL-72703 Ruggedized Adapter, SABER-R

RL-73063 Intrinsically Safe Adapter, SABER

RL-71203 Standard Battery Adapter, SABER





Antennas, Service Manuals

Heliflex Antennas

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

UHF Band

8505816K24 403-433 MHz Heliflex

8505816K25 440-470 MHz Heliflex

8505816K26 460-512 MHz Heliflex

High Band

8505816K22 136-150.8 MHz Heliflex

8505816K21 146-162 MHz Heliflex

8505816K23 157-174 MHz Heliflex

SERVICE MANUALS

6881065C60	Saber I Instructions Manual
6881065C65	Saber II, III Instruction Manual
6881060C10	System Saber, Saber ATS Instruction Manual
6881043C90	SecureNet High Band Service Manual
6881045C75	SecureNet UHF Band Service Manual
6881067C10	Systems Saber and Saber ATS Service Manual
6881066C95	System Saber, UHF Service Manual

