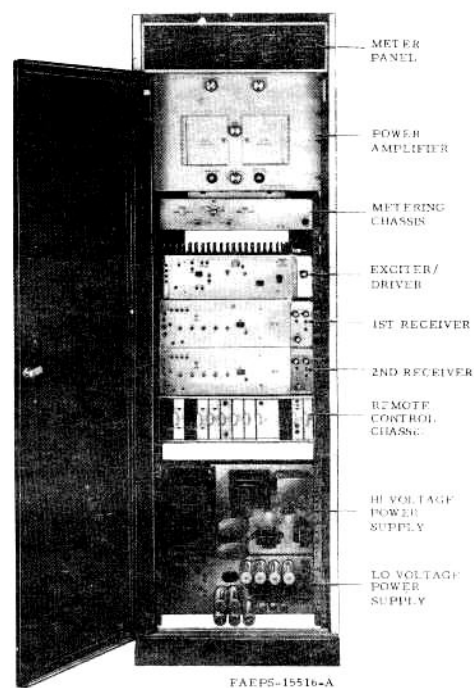


MICOR®
Upright Base and Repeater (RT) Stations
136-174 MHz 250 & 375 W



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Communications Division

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68P81022E90-D
8/29/77-UP

HIGH BAND SPECIFICATIONS

GENERAL

MODEL SERIES			B83RCB	B93RCB
RF POWER OUTPUT (WATTS)			250 WATTS	375 WATTS
POWER AMPL. INPUT POWER REQUIREMENTS (WATTS)			400 WATTS	600 WATTS
INPUT AC CURRENT REQUIREMENTS (AMPS) AT 121 V AC 60 Hz		STANDBY	1.8	
		TRANSMIT	7.5	8.5
FREQUENCY RANGE (MHz)			136-174	
NO. OF FREQUENCIES			Up to 4 frequencies	
CABINET DIMENSIONS (INCHES)		INDOOR	70" high x 21-3/4" wide x 19-1/4" deep	
		OUTDOOR	74-5/8" high x 23-3/4" wide x 25-1/4" deep (includes rain shields)	
APPROX. SHIPPING WEIGHT (LBS.)	INDOOR REMOTE CONTROL	1 RCVR	380 lbs. (173 kg)	
		2 RCVR	390 lbs. (177 kg)	
	OUTDOOR REMOTE CONTROL	1 RCVR	465 lbs. (212 kg)	
		2 RCVR	475 lbs. (216 kg)	
METERING			Built-in meters used to measure all essential circuits for tuning and checking.	

TRANSMITTER

RF POWER OUTPUT	B83RCB MODELS	250 W
	B93RCB MODELS	375 W
OUTPUT IMPEDANCE		50 ohms
OSCILLATOR FREQUENCY STABILITY		Channel element maintains oscillator frequency within 0.0005% ($\pm 0.0002\%$ optional) from -30°C to $+60^{\circ}\text{C}$ ambient ($+25^{\circ}\text{C}$ reference)
TRANSMITTER SIDE BAND NOISE		90 dB @ ± 30 kHz 105 dB @ ± 1 MHz
SPURIOUS & HARMONICS		More than 85 dB below carrier
MODULATION		15F2 and 16F3: ± 5 kHz for 100% at 1000 Hz
AUDIO SENSITIVITY		Local: 0.165 volt ± 3 dB for 60% maximum deviation at 1000 Hz. Remote Telephone Line: -20 dBm max. for 60% maximum deviation at 1000 Hz
FM NOISE		55 dB below 60% system deviation at 1000 Hz
AUDIO RESPONSE		± 1 , -3 dB from 6 dB/octave pre-emphasis, 300-3000 Hz, referenced to 1000 Hz
AUDIO DISTORTION		Less than 2% at 1000 Hz; 60% system deviation

RECEIVER

CHANNEL SPACING		WITHOUT PREAMPL	WITH PREAMPL
EIA MODULATION ACCEPTANCE		30 kHz	
OSCILLATOR FREQUENCY STABILITY		Channel element maintains oscillator frequency within $\pm 0.0005\%$ from -30°C to $+60^{\circ}\text{C}$ ambient ($+25^{\circ}\text{C}$ reference) $\pm 0.0002\%$ AFC (optional)	
INPUT IMPEDANCE		50 ohms	
SENSITIVITY	20 dB QUIETING	Less than 0.5 μV	Less than 0.25 μV
	EIA SINAD	Less than 0.35 μV	Less than 0.175 μV
SELECTIVITY (EIA SINAD)		-100 dB at ± 30 kHz	-95 dB at ± 30 kHz
INTERMODULATION (EIA SINAD)		-80 dB	-75 dB
SPURIOUS & IMAGE REFLECTION		100 dB, minimum	95 dB, minimum
SQUELCH SENSITIVITY	CARRIER SQUELCH (ADJUSTABLE)	0.20 μV or less at threshold	0.10 μV or less at threshold
	TONE-CODED SQUELCH (FIXED)	0.20 μV or less	0.10 μV or less
AUDIO (TELEPHONE LINE)	OUTPUT	$+18$ dBm at 600 ohms	
	RESPONSE	± 1 , -3 dB	
	DISTORTION	3% at 1000 Hz	
	HUM & NOISE	-55 dB	
	LOCAL SPEAKER	10 watts at 8 ohms output available	

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

375 WATT MODELS - FCC XMTR TYPE DESIG. CC3233

250 WATT MODELS - FCC XMTR TYPE DESIG. CC3234

FCC RCVR CERT. DESIG. RCD-R106

MOTOROLA

MODEL CHART

FOR

"MICOR"® BASE AND REPEATER (RT) STATIONS

250 & 375 WATTS CONTINUOUS DUTY

136-174 MHz

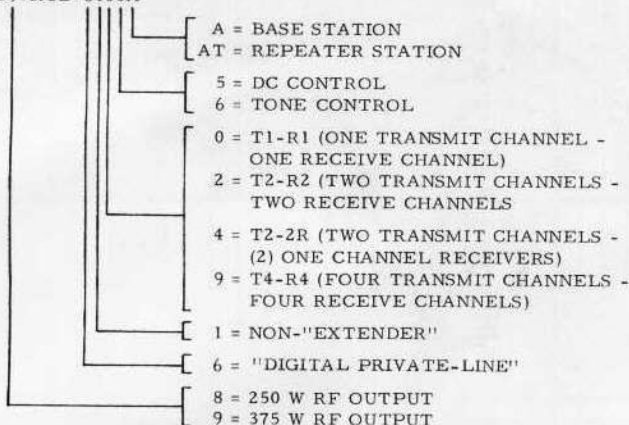
CODE:

- [X] = ONE SUPPLIED
- [2] = TWO SUPPLIED
- [4] = FOUR SUPPLIED
- [0] = TWO K1005A RCVR ELEMENTS SUPPLIED UNLESS RCVR CARRIER FREQUENCIES ARE SEPARATED BY 11.7 MHz ± 30 kHz (OR A SUB-MULTIPLE THEREOF). IN THIS CASE, A K1005A CHANNEL ELEMENT IS USED IN THE FIRST RCVR AND A KXN1022A CHANNEL ELEMENT IS USED IN THE SECOND RCVR. THE IF OF THE SECOND RCVR IS SHIFTED.

- * = INDICATES A MODEL SERIES. SPECIFIC MODEL DEPENDS ON CARRIER FREQUENCY.

STATION MODEL VARIATIONS

B93RCB-6105A



STATION MODEL	SQUELCH TYPE	OPERATING CHANNELS	RF OUTPUT POWER	CONTROL TYPE	ITEM	DESCRIPTION
250 WATT BASE STATIONS						
B83RCB-6105A	"DPL"	T1-R1	250	DC	*TLD5080A	POWER AMPLIFIER
B83RCB-6106A	"DPL"	T1-R1	250	TONE	*TLD1940B	EXCITER-DRIVER
					TFD6090A	HARMONIC FILTER
					KXN1019B	CHANNEL ELEMENT
					TLN1434A	TRANSMITTER SHIELD (REPEATER MODELS ONLY)
					TTN6003A	SIMPLEX "DIGITAL PRIVATE-LINE" ENCODER
					TLN5725A	DUPLEX "DIGITAL PRIVATE-LINE" ENCODER
375 WATT BASE STATIONS						
B93RCB-6105A	"DPL"	T1-R1	375	DC	*TRD1800BB	RECEIVER
B93RCB-6106A	"DPL"	T1-R1	375	TONE	TLN1435B	RECEIVER SHIELD (REPEATER MODELS ONLY)
B93RCB-6125A	"DPL"	T2-R2	375	DC	K1005A	CHANNEL ELEMENT
B93RCB-6126A	"DPL"	T2-R2	375	TONE	TLN4758A	TWO-RECEIVER ANTENNA COUPLER
B93RCB-6145A	"DPL"	T2-2R	375	DC	TLN8740A	SHIFTED IF KIT
B93RCB-6146A	"DPL"	T2-2R	375	TONE	TLN4294B	"DIGITAL PRIVATE-LINE" DECODER
B93RCB-6196A	"DPL"	T4-R4	375	TONE	TCN1107A	REMOTE CONTROL CHASSIS (1- & 2-CHANNEL)
					TCN1125A	REMOTE CONTROL CHASSIS (4-CHANNEL)
					TLN4635B	STATION CONTROL MODULE
					TLN4669B	LINE DRIVER MODULE (2-WIRE, 1-RECEIVER)
					TLN4670B	LINE DRIVER MODULE (2-WIRE, 2-RECEIVER)
					TLN4662A	SQUELCH GATE MODULE
REPEATER STATIONS						
B93RCB-6105AT	"DPL"	T1-R1	375	DC	X X X X X X X	
B93RCB-6106AT	"DPL"	T1-R1	375	TONE	X X X X X X X	

E'

EPS-18147-B

MOTOROLA

MODEL CHART

FOR

"MICOR" BASE AND REPEATER (RT) STATIONS

250 & 375 WATTS CONTINUOUS DUTY

136-174 MHz

(EARLIER VERSION)

CODE:

- ☒ = ONE SUPPLIED

- ② = TWO SUPPLIED

- 4 = FOUR SUPPLIED

- ④= TWO K1005A RCVR ELEMENTS SUPPLIED UNLESS RCVR CARRIER FREQUENCIES ARE SEPARATED BY $11.7 \text{ MHz} \pm 30 \text{ kHz}$ (OR A SUB-MULTIPLE THEREOF). IN THIS CASE, A K1005A CHANNEL ELEMENT IS USED IN THE FIRST RCVR AND A KXN1022A CHANNEL ELEMENT IS USED IN THE SECOND RCVR. THE IF OF THE SECOND RCVR IS SHIFTED.

STATION MODEL VARIATIONS

B93RCB-1105A

- [A = BASE STATION
AT = REPEATER STATION

- [5 = DC CONTROL
- [6 = TONE CONTROL

- | | |
|---|---|
| 0 | = T1-R1 (ONE TRANSMIT CHANNEL - ONE RECEIVE CHANNEL) |
| 2 | = T2-R2 (TWO TRANSMIT CHANNELS-TWO RECEIVE CHANNELS) |
| 4 | = T2-2R (TWO TRANSMIT CHANNELS-(2) ONE CHANNEL RECEIVERS) |
| 9 | = T4-R4 (FOUR TRANSMIT CHANNELS-FOUR RECEIVE CHANNELS) |

- $$\begin{cases} 1 = \text{NON-''EXTENDER''} \\ 4 = \text{''EXTENDER''} \end{cases}$$

- [1 = CARRIER SQUELCH
[3 = "PRIVATE-LINE"

- [8 = 250 W RF OUTPUT
- [9 = 375 W RF OUTPUT

* INDICATES A MODEL SERIES. SPECIFIC MODEL DEPENDS ON CARRIER FREQUENCY.

STATION MODEL	SQUELCH TYPE	OPERATING CHANNELS	RF OUTPUT POWER	CONTROL TYPE	*TLD	*TLD	TFD6	KXN1	TIN1	TIN4	KLN6	*TRD	TIN1	K1005	TIN4	TLD8	TIN4	TIN8
250 WATT BASE STATIONS																		
B83RCB1105A	CARRIER	T1-R1	250	DC	X	X	X	X				X	X					
B83RCB1106A	CARRIER	T1-R1	250	TONE	X	X	X	X				X	X					
B83RCB3105A	"PL"	T1-R1	250	DC	X	X	X	X			X	X	X	X			X	X
B83RCB3106A	"PL"	T1-R1	250	TONE	X	X	X	X			X	X	X	X			X	X
375 WATT BASE STATIONS																		
B93RCB1105A	CARRIER	T1-R1	375	DC	X	X	X	X				X	X					
B93RCB1106A	CARRIER	T1-R1	375	TONE	X	X	X	X				X	X					
B93RCB1125A	CARRIER	T2-R2	375	DC	X	X	X	2				X	2					
B93RCB1126A	CARRIER	T2-R2	375	TONE	X	X	X	2				X	2					
B93RCB1145A	CARRIER	T2-2R	375	DC	X	X	X	2				2	0	X	0			
B93RCB1146A	CARRIER	T2-2R	375	TONE	X	X	X	2				2	0	X	0			
B93RCB1196A	CARRIER	T4-R4	375	TONE	X	X	X	4				X	4					
B93RCB3105A	"PL"	T1-R1	375	DC	X	X	X	X			X	X	X	X			X	X
B93RCB3106A	"PL"	T1-R1	375	TONE	X	X	X	X			X	X	X	X			X	X
B93RCB3125A	"PL"	T2-R2	375	DC	X	X	X	2			X	X	X	2			X	X
B93RCB3126A	"PL"	T2-R2	375	TONE	X	X	X	2			X	X	X	2			X	X
B93RCB3145A	"PL"	T2-2R	375	DC	X	X	X	2			X	X	2	0	X	0	X	X
B93RCB3146A	"PL"	T2-2R	375	TONE	X	X	X	2			X	X	2	0	X	0	2	2
B93RCB3196A	"PL"	T4-R4	375	TONE	X	X	X	4			X	X	X	4			X	X
REPEATER STATIONS																		
B93RCB1105AT	CARRIER	T1-R1	375	DC	X	X	X	X	X			X	X	X				
B93RCB1106AT	CARRIER	T1-R1	375	TONE	X	X	X	X	X			X	X	X				
B93RCB3105AT	"PL"	T1-R1	375	DC	X	X	X	X	X			X	X	X			X	X
B93RCB3106AT	"PL"	T1-R1	375	TONE	X	X	X	X	X			X	X	X			X	X

S RCVR CARRIER
10 kHz (OR A SUB-
CHANNEL ELE-
22A CHANNEL
IF OF THE SECOND

RECEIVE CHANNEL)
RECEIVE CHANNELS)
CHANNEL RECEIVERS)
R RECEIVE CHANNELS)

ENDS

RF OUTPUT POWER		CONTROL TYPE	ITEM	DESCRIPTION
				TRANSMITTER
			*TLD5080A	POWER AMPLIFIER
			*TLD1940A	EXCITER-DRIVER
			TFD6090A	HARMONIC FILTER
			KXN1019A	CHANNEL ELEMENT
			TLN1434A	TRANSMITTER SHIELD (REPEATER MODELS ONLY)
			TLN4293B	"PL" ENCODER
			KLN6210A	"VIBRASENDER" RESONANT REED (FORMERLY TLN6824A)
				RECEIVER
			*TRD1800AB	RECEIVER
			TLN1435A	RECEIVER SHIELD (REPEATER MODELS ONLY)
			K1005A	CHANNEL ELEMENT
			TLN4758A	TWO-RECEIVER ANTENNA COUPLER
			TLN8740A	SHIFTED IF KIT
			TLN4294B	"PL" DECODER
			TLN8381A	"VIBRASPENDER" RESONANT REED
				REMOTE CONTROL
			TCN1107A	REMOTE CONTROL CHASSIS (1- & 2-CHANNEL)
			TCN1125A	REMOTE CONTROL CHASSIS (4-CHANNEL)
			TLN4635A	STATION CONTROL MODULE
			TLN4669A	LINE DRIVER MODULE (2-WIRE, 1-RECEIVER)
			TLN4670A	LINE DRIVER MODULE (2-WIRE, 2-RECEIVER)
			TLN4662A	SQUELCH GATE MODULE
			TLN4661A	F1 DC TRANSFER MODULE
			TLN4659A	F1 "PL" DC TRANSFER MODULE
			TLN4663A	C2-R2 DC TRANSFER MODULE
			TLN4660A	F2-R2 MUTE DC TRANSFER MODULE
			TLN1245B	GUARD TONE DECODER MODULE
			TLN4658A	F1 TONE CONTROL MODULE
			TLN4638A	F1 "PL" TONE CONTROL MODULE
			TLN4665A	F2 TONE CONTROL MODULE
			TLN1248A	C2-R2 TONE CONTROL MODULE
			TLN4636A	TIME-OUT TIMER MODULE
			TLN2292A	4-FREQUENCY MODULE
			TLN5293A	F1 CONTROL MODULE (4-FREQ. CARRIER SQ.)
			TLN5294A	F1 "PL" CONTROL MODULE (4-FREQ. "PL")
				MISCELLANEOUS
			TLN8799A	SERVICE BOARD
			TLN5705A	ANTENNA RELAY
			TLN5697A	METER PANEL
			TLN1675A	METERING CHASSIS
			TLN5168A	SWITCH & CABLE (RECEIVER METERING)
			TRN6000A	RECEIVER HARDWARE KIT (REPEATER STATIONS)
			TPN1132A	POWER SUPPLY (LOW VOLTAGE)
			TPN1131A	POWER SUPPLY (HIGH VOLTAGE)
			TLN5703A	TRANSFORMER KIT (POWER SUPPLY 250 WATT)
			TLN5704A	TRANSFORMER KIT (POWER SUPPLY 375 WATT)
			TKN6705A	CABLE KIT (1-RECEIVER BASE STATIONS)
			TKN6706A	CABLE KIT (2-RECEIVER BASE STATIONS)
			TKN6707A	CABLE KIT (REPEATER STATIONS)
			TLN4198A	AIR DUCT KIT
			TLN5695A	AC JUNCTION BOX
			TLN5693A	HARDWARE KIT (CABINET)
			THN6194B	CABINET (FORMERLY THN6194A)

MOTOROLA

MODEL CHART

FOR

"MICOR" BASE AND REPEATER (RT) STATIONS

250 & 375 WATTS CONTINUOUS DUTY

136-174 MHz

CODE:

- ☒ = ONE SUPPLIED
- ☒ = TWO SUPPLIED
- ☒ = FOUR SUPPLIED

0 = TWO KI005A RCVR ELEMENTS SUPPLIED UNLESS RCVR CARRIER FREQUENCIES ARE SEPARATED BY 11.7 MHz $\pm$ 30 kHz (OR A SUB-MULTIPLE THEREOF). IN THIS CASE, A KI005A CHANNEL ELEMENT IS USED IN THE FIRST RCVR AND A KXN1022A CHANNEL ELEMENT IS USED IN THE SECOND RCVR. THE IF OF THE SECOND RCVR IS SHIFTED.

STATION MODEL VARIATIONS

B93RCB-1105B

- B = BASE STATION
- RT = REPEATER STATION
- 5 = DC CONTROL
- 6 = TONE CONTROL
- 0 = T1-R1 (ONE TRANSMIT CHANNEL - ONE RECEIVE CHANNEL)
- 2 = T2-R2 (TWO TRANSMIT CHANNELS - TWO RECEIVE CHANNELS)
- 4 = T2-2R (TWO TRANSMIT CHANNELS - (2) ONE CHANNEL RECEIVERS)
- 9 = T4-R4 (FOUR TRANSMIT CHANNELS - FOUR RECEIVE CHANNELS)
- 1 = NON-"EXTENDER"
- 4 = "EXTENDER"
- 1 = CARRIER SQUELCH
- 3 = "PRIVATE-LINE"
- 8 = 250 W RF OUTPUT
- 9 = 375 W RF OUTPUT

* INDICATES A MODEL SERIES. SPECIFIC MODEL DEPENDS ON CARRIER FREQUENCY.

STATION MODEL	SQUELCH TYPE	OPERATING CHANNELS	RF OUTPUT POWER	CONTROL TYPE	ITEM	DESCRIPTION
250 WATT BASE STATIONS					TRANSMITTER	
B93RCB-1105B	CARRIER	T1-R1	250	DC	*TLD5080A	POWER AMPLIFIER
B93RCB-1105B	CARRIER	T1-R1	250	DC	*TLD1940B	EXCITER-DRIVER
B93RCB-1105B	"PL"	T1-R1	250	DC	TFD6090A	HARMONIC FILTER
B93RCB-1105B	"PL"	T1-R1	250	DC	KXN1019B	CHANNEL ELEMENT
B93RCB-1105B	"PL"	T1-R1	250	DC	TLN1434A	TRANSMITTER SHIELD (REPEATER MODELS ONLY)
B93RCB-1105B	"PL"	T1-R1	250	DC	TLN5731A	"PL" ENCODER
B93RCB-1105B	"PL"	T1-R1	250	DC	KLN6210A	"VIBRASENDER" RESONANT REED (FORMERLY TLN6824A)
375 WATT BASE STATIONS					RECEIVER	
B93RCB-1105B	CARRIER	T1-R1	375	DC	*TRD1800BB	RECEIVER
B93RCB-1105B	CARRIER	T1-R1	375	DC	TLN1435B	RECEIVER SHIELD (REPEATER MODELS ONLY)
B93RCB-1105B	CARRIER	T1-R1	375	DC	KI005A	CHANNEL ELEMENT
B93RCB-1105B	CARRIER	T1-R1	375	DC	TLN4758A	TWO-RECEIVER ANTENNA COUPLER
B93RCB-1105B	CARRIER	T1-R1	375	DC	TLN4758A	SHIFTED IF KIT
B93RCB-1105B	CARRIER	T1-R1	375	DC	TRN6002A	"PL" DECODER
B93RCB-1105B	CARRIER	T1-R1	375	DC	TLN8381A	"VIBRASPOUNDER" RESONANT REED
REPEATER STATIONS					REMOTE CONTROL	
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TCN1107A	REMOTE CONTROL CHASSIS (1- & 2-CHANNEL)
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TCN1125A	REMOTE CONTROL CHASSIS (4-CHANNEL)
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN4635B	STATION CONTROL MODULE
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN4669B	LINE DRIVER MODULE (2-WIRE, 1-RECEIVER)
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN4670B	LINE DRIVER MODULE (2-WIRE, 2-RECEIVER)
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN4662A	SQUELCH GATE MODULE
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN4661A	F1 DC TRANSFER MODULE
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN4659A	F1-"PL" DC TRANSFER MODULE
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN4663A	C2-R2 DC TRANSFER MODULE
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN4660A	F2-R2 MUTE DC TRANSFER MODULE
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN1245B	GUARD TONE DECODER MODULE
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN4658A	F1 TONE CONTROL MODULE
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN4638A	F1-"PL" TONE CONTROL MODULE
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN4665A	F2 TONE CONTROL MODULE
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN1248A	C2-R2 TONE CONTROL MODULE
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN4636A	TIME-OUT TIMER MODULE
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN5292A	4-FREQUENCY MODULE
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN5293A	F1 CONTROL MODULE (4-FREQ. CARRIER SQ.)
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN5294A	F1-"PL" CONTROL MODULE (4-FREQ. "PL")
REPEATER STATIONS					MISCELLANEOUS	
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN8799A	SERVICE BOARD
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN5705A	ANTENNA RELAY
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN5697A	METER PANEL
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN1675A	METERING CHASSIS
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN5168A	SWITCH & CABLE (RECEIVER METERING)
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TRN6000A	RECEIVER HARDWARE KIT (REPEATER STATIONS)
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TPN1132A	POWER SUPPLY (LOW VOLTAGE)
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TPN1131A	POWER SUPPLY (HIGH VOLTAGE)
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN5703A	TRANSFORMER KIT (POWER SUPPLY 250 WATT)
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN5704A	TRANSFORMER KIT (POWER SUPPLY 375 WATT)
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TKN6705A	CABLE KIT (1-RECEIVER BASE STATIONS)
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TKN6706A	CABLE KIT (2-RECEIVER BASE STATIONS)
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TKN6707A	CABLE KIT (REPEATER STATIONS)
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN4198A	AIR DUCT KIT
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN5695A	AC JUNCTION BOX
B93RCB-1105RT	CARRIER	T1-R1	375	DC	TLN5693A	HARDWARE KIT (CABINET)
B93RCB-1105RT	CARRIER	T1-R1	375	DC	THN6194B	CABINET (FORMERLY THN6194A)

FACTORY-INSTALLED OPTIONS

OPTION PLAN NUMBER OR OPTIONAL KIT NUMBER	DESCRIPTION	PUBLICATION REFERENCE	
		APPLICABLE SECTION WITHIN THIS MANUAL	PART NUMBER OF SEPARATE PUBLICATION

DC REMOTE CONTROL STATION OPTIONS

C63	TLN4637A Paging Module	None	68P81025E60
	Omit Wire Line Control (Repeaters only)		
C85	DC Remote, Carrier Squelch	None	None
C86	DC Remote, Binary and Tone PL	None	None
C143	TLN4664A Repeater Control Module	None	68P81025E60

TONE REMOTE CONTROL STATION OPTIONS

C56 OR C63	TLN4667A F2-R2 Mute Control Module	None	68P81025E60
	TLN1253A Paging Control Module	None	68P81025E60
	Omit Wire Line Control (Repeater only)		
C83	Tone Remote, Carrier Squelch	None	None
C84	Tone Remote Binary and Tone PL	None	None
TLN1249A OR TLN1250A OR TLN1251A	Squelch Control Module	None	68P81025E60
	Repeater Control Module	None	68P81025E60
TLN1251A	"PL" Control Module	None	68P81025E60
TLN1252A	"Wild Card" Module (See Note 3)	None	68P81025E60

OPTIONS APPLICABLE TO BOTH DC AND TONE REMOTE CONTROL STATIONS

U27	Substitute THN6203A Outdoor Cabinet (70")	Installation	None
C31	Transmit Only Station (Delete Receiver)	None	None
U43	120/240 VAC @ 50 Hz	High Voltage Power Supply	None
C75	Omit Time-Out Timer	None	None
C140	AND Squelch Control	Receiver Intercon- nect Unit	None
C144	4-Wire Audio	None	68P81025E60
C145	TLN1460A TAC Encoder (See Note 5)	None	68P81104E73
C150	Base (RA) Operation	None	68P81105E08
C158	Multiple Tone PL Transmit	None	68P81106E30
C261	Multiple Tone PL Receive	None	68P81106E30
C262	Multiple Tone PL Repeat	None	68P81106E30
C263	Multiple Tone PL Transmit & Receive	None	68P81106E30
C269	Spectra TAC Encoder	None	68P81107E40
TLN1181A	Single-Tone Decoder Module (See Note 4)	None	68P81025E60
TLN1539A	Crystal Filter	None	None
TLN4151A	Relay Kit	None	68P81025E60
TLN4399A	AC Power Surge Suppressor 120 V	None	68P81101E30
TLN4636A	Time-Out Timer Module (Standard on Repeater)	None	68P81025E60
TLN4662A	Squelch Gate (Field Installed See Note 4)	None	68P81025E60
TMN6071A	Test Microphone	None	68P81103A70

NOTES:

- The options listed are not necessarily compatible with each other or with each type of station. Consult your Motorola representative for compatibility details.
- Other options may become available after the printing of this instruction manual. Consult your Motorola representative for a complete listing of the current options available for your station.
- One to four TLN4151A Relay Kits may be used with this option to provide one to four form "C" contact closures for operation of external equipment.
- One TLN4151A Relay Kit may be used with this option to provide a form "C" contact closure for operation of external equipment.
- This option also replaces the TLN4669B 2-Wire Audio with the TLN4668B 4-Wire Audio.

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