



MIDLAND[®]

70-440BP UHF PORTABLE RADIO



- 0.5 / 2 WATTS
- 99 CHANNELS
- VOX OPERATION
- PROGRAMMABLE CTCSS / DCS PRIVACY TONES
- PROGRAMMABLE 12.5 / 25 KHZ BY CHANNEL
- BUSY CHANNEL LOCKOUT & CHANNEL SCAN
- MIL-STD 810 C/D/E APPROVED

Specifications

70-440BP

Frequency Range	440 - 470 MHz	
Channels	99	
Channel Spacing (wide/narrow)	12.5 / 25 kHz	
PLL Step	5.0, 6.25 kHz	
CTCSS / DCS per Channel	50 CTCSS / 104 DCS	
Operating Voltage	7.2V DC Nominal	
Dimensions with batteries (H x W x D)	5 3/4" x 2 1/2" x 1 13/16" (146 x 64 x 46 mm)	
Weight with 1300 mAh NiMH Battery	13 oz.	
Frequency Stability	± 2.5 PPM	
Battery Life (90-5-5 DUTY CYCLE PER EIA RS-316B) with with Battery Saver	@ 0.5 Watts: 16.2 hrs. @ 0.5 Watts: 22.2 hrs.	@ Full Power: 12.1 hrs. @ Full Power: 17.5 hrs.
FCC Identifier	MMA75440	
FCC Compliance	Parts 15, 90, 95	
Industry Canada Certification Number	3690195743A	

Receiver Specifications

Sensitivity (12dB SINAD)	.30 µV
Selectivity (±15 KHz) [wide/narrow]	65 dB / 55 dB
Frequency Separation (w/o Tuning)	30 MHz
Intermodulation	65 dB
Spurious Response	60 dB
Audio Output (method @ <10% THD Level)	500 mW @ 8 Ω
Input Impedance	50 Ω
Acceptable Radio Frequency Displacement	± 2 kHz Minimum
Squelch Sensitivity	.28 µV Maximum

Transmitter Specifications

RF Output (programmable by channel)	0.5 / 2 Watts
Spurious and Harmonic Emissions	60 dB
Modulation (wide/narrow)	16K0F3E, 11K0F3E
FM Hum and Noise (wide/narrow)	40 dB / 36 dB
Audio Distortion (60% deviation)	> 5% @ 1 KHz

MIL-STD Methods / Procedures Standard 810C/D/E Method / Procedure

Vibration	514.5 / Proc. I, VI
Shock	516.5 / Proc. I, IV

FOR MORE INFORMATION, CONTACT:

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6 STATION GANG CHARGER (ACC-460) CHARGER CUP (ACC-464) REQUIRED



SINGLE UNIT "SMART" CHARGER BASE (ACC-470) CHARGER CUP ACC-476 REQUIRED



SINGLE UNIT RAPID RATE DESKTOP CHARGER (B1-390)



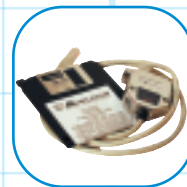
BATTERY PACK 1300 MAH NiMH BATTERY (1B-B02)



WEATHERPROOF SPEAKER MIC (70-M45WP)



SPEAKER MIC W/ ANGLED CONNECTOR (QPA-1421)



PC PROGRAMMING KIT: SOFTWARE & CABLE WINDOWS® 95 OR LATER (B1-100)



UHF ANTENNA 6" STUD MOUNT (CA-5506B) UHF ANTENNA 440-470 MHZ (ACC-104UW)



BOOM MIC HEADSET (22-540)

*** OTHER OPTIONS NOT SHOWN ***

SINGLE UNIT DESKTOP CHARGER BASE (ACC-480) REQUIRES CHARGER CUP (ACC-476)
SPRING LOADED BELT CLIP (B1-BC1)
SERVICE MANUAL (70-440000)