

QP-750 PROFESSIONAL TWO-WAY RADIO SPECIFICATIONS



APPLICABLE MIL-STD-810C/D/E/F

Applicable MIL-STD	810C		810D		810E		810F	
	Methods	Procedures	Methods	Procedures	Methods	Procedures	Methods	Procedures
Low Pressure	500.1	1	500.2	2	500.3	2	500.4	1
High Temperature	501.1	1,2	501.2	1,2	501.3	1,2	500.4	1,2
Low Temperature	502.1	1	502.2	1,2	502.3	1,2	501.4	1,2
Temp. Shock	503.1	1	503.2	1	503.3	1	503.4	1
Solar Radiation	505.1	1	505.2	1	505.3	1	505.4	1
Rain	506.1	1,2	506.2	1,2	506.3	1,2	506.4	1
Humidity	507.1	2	507.2	2,3	507.3	2,3	507.4	3
Salt Fog	509.1	1	509.2	1	509.3	1	509.4	1
Dust	510.1	1	510.2	1	510.3	1	510.4	1
Vibration	514.2	8,10	514.3	1	514.3	1	514.5	1
Shock	516.2	1,2,5	516.3	1,4	516.4	1,4	516.5	1

GENERAL

Frequency range	136-174/400-470/450-520/MHz
Channel capacity	16
Channel spacing	12.5/20/25KHz
Antenna impedance	50Ω
Operation voltage	7.5V DC
Frequency stability	±2.5ppm
Operating temperature	-30°C+60°C
Battery	2100mAh Li-Polymer
Battery Life	12 Hours

TRANSMITTER

RF power output	5.0W(H)3W(M)1W(L)
Modulation distortion	≤3%
FCC Modulation	16K0F3E(25K)/11K0F3E(212.5K)
Spurious emission	-36dBm(≤1GHz), -30dBm(>1GHz)
FM Noise rejection	≥45dB(25K), ≥40dB(12.5K)

FCC Approved Bands(136-174 MHz) Pending

FCC Approved Bands(400-470 MHz) Pending

FCC Approved Bands(450-520 MHz)

FCC ID Identifier: XMHQP-750

RECEIVER

Reference sensitivity	≤0.25µV(25K)/0.28(12.5K)
Adjacent channel selectivity	≥70 dB(25k), ≥60 dB(12.5K)
Spurious response rejection	≥75dB
1/2 IF rejection	≥70dB
Intermodulation rejection	≥70 dB
Rated Audio	1W
Rated Audio distortion	≤10%
Audio distortion@500mW	≤5%

Distributed by:

Professional Two-way Radio



QP-750

- ✓ MCD 1200 Signalling
- ✓ Wide Band Coverage
- ✓ Safety Check
- ✓ Scrambler
- ✓ High Quality Audio (1W)
- ✓ Channel Annunciation



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