

Specification

GENERAL	
Frequency Range	VHF:136-174MHz (V) UHF:400-490MHz (U)
Channel Capacity	512 channels
Channel Spacing	12.5KHz (Narrow Band) 20K(Middle Band) 25KHz (Wide Band)
Phase-locked Step	5KHz, 6.25KHz, 8.33KHz, 10KHz, 12.5KHz, 15KHz, 20KHz, 25KHz, 30KHz, 50KHz
Operating Voltage	13.8V DC $\pm$ 15%
Squelch	Carrier/CTCSS/DCS/5Tone/2Tone/DTMF
Frequency Stability	$\pm$ 1.5ppm
Operating Temperature	-20°C~ +60°C
Dimensions(WxHxD)	141x189x41mm (radio only)
Weight	985g (radio only)
PC Software	QPS588 Max 1.00 and above versions

RECEIVER	
Sensitivity(12dB Sinad)	$\leq$ 0.25 μ V (Wide Band) $\leq$ 0.35 μ V (Narrow Band)
Adjacent Channel Selectivity	$\geq$ 70dB (Wide Band) $\geq$ 60dB (Narrow Band)
Intermodulation	$\geq$ 65dB (Wide Band) $\geq$ 60dB (Narrow Band)
Spurious Rejection	$\geq$ 70dB (Wide Band) $\geq$ 70dB (Narrow Band)
Audio Response	+1~-3dB(0.3~3KHz) (Wide Band) +1~-3dB(0.3~2.55KHz) (Narrow Band)
Hum & Noise	$\geq$ 45dB (Wide Band) $\geq$ 40dB (Narrow Band)
Audio distortion	$\leq$ 5%
Audio power output	$>$ 2W@10%

TRANSMITTER	
Power Output	70W/25W/10W (VHF) 45W/25W/10W (UHF)
Modulation	16K Φ F3E (Wide Band) 11K Φ F3E (Narrow Band)
Adjacent Channel Power	$\geq$ 70dB (Wide Band) $\geq$ 60dB (Narrow Band)
Hum & Noise	$\geq$ 40dB (Wide Band) $\geq$ 36dB (Narrow Band)
Spurious Emission	$\geq$ 70dB
Audio Response	+1~-3dB(0.3~3KHz) (Wide Band) +1~-3dB(0.3~2.55KHz) (Narrow Band)
Audio Distortion	$\leq$ 5%

NOTE: Specifications are subject to change without notice due to advancements in technology.

Supplied Accessories



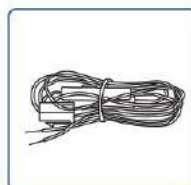
Transceiver



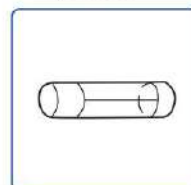
Microphone (QHM-03)



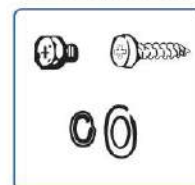
Mobile Mounting Bracket (QMB-01)



DC Power Cable with Fuse Holder(QPL-01)



Spare Fuses (one pair) [QF-01]



Hardware Kit for Bracket

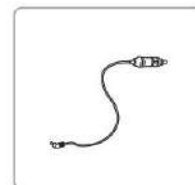
Optional Accessories



Cloning Cable (CP50)



USB Programming Cable (PC50)



Cigar-Plug Connection Line (QCC-01)



Regulated Power Supply (QRP-01)



External Speaker (SP-01)



Bluetooth PTT (BP-03)



Bluetooth earphone (Q8)



Bluetooth Desktop Microphone (BT03)



Alarm Cable A/B (QL-01(A/B))



Car Antenna (QCA-01)