

MVP88

IP65 Water/Dust Protection
Lightweight & Compact
Channel Annunciation
Voice Battery Gauge
48 Channels



MVP 88 SPECIFICATIONS



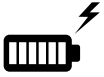
Frequency Range

VHF: 136-174 MHz
UHF: 400-470MHz, 450-520 MHz



Channel Info

48 Channels (3 Groups by Voice Annunciation)
Multi Channel Scan
Programmable 12.5kHz / 25 kHz channel spacing
PTT ID encode by DTMF
Frequency Stability: +/- 2.5ppm



Power Features

Talk Time: +/- 16 hours
Standby Time: +/- 32 hours
Operating voltage: 7.4v
Voice battery gauge
High / Low power switchable



Audio Features

51 CTCSS / 214 DCS Encoders & Decoders
Voice Scrambler / Voice Compandor
Voice Channel / Group Annunciation
Voice operated transmit VOX
Squelch tail elimination
Emergency Alert
Talk around
Whisper



Operating Temperatures

-20 to 60 degrees celcius



Dimensions

99mm x 48mm x 29mm



Antenna Impedance

50 Ohms



Weight

220 grams



Water Protection Rating

IP65 Water Resistant



Accessories



Battery Pack



Whip / Stubby Antenna



Charger



AC Adapter



Belt Clip



Multi Slot Charger



Transmitter

RF Power Output

VHF: 138-174 MHz
UHF: 400-470 MHz, 450-520 MHz

Modulation Type

F3E

Spurious and Harmonics

-36dBm < 1GHz; -30dBm > 1GHz

FM Noise

40dB / 45dB

Audio Distortion

< 5%

Modulation Limiting

+/- 2.5KHz@12.5KHz;
+/- 5.0KHz@25KHz

Audio Response

+1 to -3dB



Receiver

Sensitivity

<0.3./0.20uV

Adjacent Channel Sensitivity

60/70dB

Intermodulation

65dB

Spurious Response rejection

70dB

S/N

40dB / 45dB

Audio Power Output

500mW

Audio Distortion

< 5%



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