

**Our Customer
Needs
Our Upmost Are
Prominence.**

MT-V82N

VHF FM PORTABLE TRANSCEIVER

- Powerful 7W of Output Power
- BP-3100LI Li-ion Battery Supplied
 - A high capacity 3100mAh Li-ion battery pack is coming together in the box
- Reliable Construction and Simple Operation
- 207 Memory Channels

Included 6 scan edges and 1 call channels

- 5 Character Alphanumeric Display
- Priority, Program, Memory, Skip and Tone Scanning
- Built-in CTCSS and DTCS Encoder/Decoder
- 16 DTMF Autodial Memories



MT-V82N

VHF FM PORTABLE TRANSCEIVER

General Spec

Frequency Range	136 - 174 MHz (guaranteed range: 144 - 148 MHz)
Modulation	FM
Number of Memory Channels	207 (incl. 6 scan edges and 1 call)
Frequency Stability	±2.5ppm (-10°C to +60°C)
Input Voltage	7.2V DC (6.0 - 10.3V DC acceptable; M-Tech's battery pack only)
Current Drain (at 7.2V DC)	Tx - High (7W/5W): 2.6A / Rx - Max. audio: 250mA; Standby: 80mA; Power save: 30mA
Antenna Impedance	50Ω (BNC)
Operating Temperature	-10°C to +60°C; +14°F to +140°F
Dimensions (projections not included)	(W) 54 x (H) 139 x (D) 36.7 mm / (W) 2 1/8 x (H) 4 15/32 x (D) 1 7/16 in
Weight	Approx. 390g / 13.8oz (with antenna and BP-3100LI)

Receiver Spec

Intermediate Frequency	46.35MHz / 450kHz (1 st /2 nd)
Sensitivity	0.6μV (typ.: at 12dB SINAD)
Squelch Sensitivity	0.11μV (typ.: threshold)
Selectivity	More than 55/50dB (wide/narrow)
Intermodulation	65dB (typ.)
Spurious and Image Rejection	80dB
Audio Output Power	300mW with an 8Ω load
Ext. Speaker Connector	3-conductor ø3.5mm (1/8 in) / 8Ω
Ext. Data Connector	3-conductor ø2.5mm (1/10 in) / 2.2Ω

Transmitter Spec

Power Output (at 7.2V DC)	7.0/4.0/0.5W (high/mid/low)
Max. Frequency Deviation	±5.0/±2.5kHz (wide/narrow)
Spurious Emissions	Less than -60dBc
Ext. Microphone Connector	3-conductor ø2.5mm (1/10 in) / 2.2Ω

Supplied Accessories

Antenna x1
Belt clip (with screws) x1
BP-3100LI Battery pack x1
BC-82S Battery charger x1
PA-82E AC adapter x1

BP-3100LI Li-ion Battery Pack

The approximate usage time at full power

BP-3100LI is also compatible with ICOM IC-V82/ IC-U82 Handheld Transceivers, and it is compatible with all original ICOM Li-ion and Ni-Mh chargers.



MT-V82N (7W)

BC-82S Battery Charger

The approximate charging time for full charging

Charging time is calculated from battery cut-off state to fully charged @ 25°C. To maintain high reliability, it is recommended to charge any non-used battery periodically.

Time	Charger Type + Power Supply
5h	M-Tech BC-82S
5h 30m	Icom BC-144N + BC-145 SE/SA
5h 45m	Icom BC-119N + BC-145 SE/SA + AD-101 or BC-121N + BC-157S + AD-101

BC-82S



PA-82E



BP-3100LI

Your Local Dealer

All stated specifications are subjected to change without notice or obligation.

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