

VX-151

245 MHz FM Transceiver

SPECIFICATION SHEET

The VX-151 is an ultra compact FM hand-held providing up to five watts of RF power and a wealth of convenient features for the 245 MHz band. The VX-151 has rubber gasket seals around all external controls and connectors to help keep out dust and rain or spray, assuring years of reliable operation even in harsh environments.

Features

- ARTS (Auto-Range Transponder System)
- SmartSearch memories
- TX Saver: Tx Batter Saver function at the short range contact
- Voltage /Tx/Rx S-Meter
- Memory channels setting/lock
- Compact size with robust capability, nicely fitting into your palm
- 7 character display
- Volt Meter; Battery Volt meter; showing battery remaining level
- Can be use as wireless Microphone, Very good sensitivity, cover wide area, multi function usage
- VOX Microphone
- CTCSS, DCS Support, can set Pager function
- DTMFANI
- Packet Connection with PC by using Microphone CT-44
- Memory Skip
- Dual Watch



VX-151



The Vertex Standard Difference

Our number one goal is achieving superior customer satisfaction by delivering products and services that exceed your expectations. Count on Vertex Standard for radios that are built to last and designed to provide more features for a better return on your investment. Ask your Dealer for more details.

ACCESSORIES & OPTIONS

FNB-V94

7.2V, 1800 mAh Ni-MH Battery Pack

FBA-25

Compact Dry Cell Battery Case for 6 AA-size cells

VAC-20

Desktop Rapid Charger

MH-37A4B

Earpiece/Microphone

VC-25

VOX Headset

E-DC-5B

DC Cable w/Noise Filter

E-DC-6

DC Cable; plug and wire only

CN-3

BNC-to-SMA Adapter

FHA-31

Rubber flex antenna

FVP-25

Encryption/DTMF pager Unit

CT-27

Cloning Cable

VX-151 Specifications

General Specification

Frequency Coverage (MHz)	245 ~ 245.9875 MHz
Number of Channels	80 channels
Channel Spacing	12.5 kHz
Emission Type	F2, F3
Supply Voltage	6.0 ~ 16.0VDC
Current Consumption	130 mA (Receive) 1.3 A (Transmit) HIGH:5W 900 mA (MID:2W) 500 mA (LOW:0.5W) 8 mA (Auto Power Off)
Antenna (SMA jack)	FHA-31 rubber flex antenna
Operating Temperature	-10 °C to +60 °C
Case Size	58 x 108.5 x 26.5 mm WHD (w/o knob & antenna)
Weight	325g w/FNB-64 & antenna

Receiver Specification:

Circuit Type	Double-conversion superheterodyne
Sensitivity (for 12dB SINAD)	better than 0.16µV
Adjacent Channel Selectivity	65 dB
Intermodulation	65 dB
Audio Output	0.4W @8ohms for 10%THD(@7.2V)

Transmitter Specification:

Power Output	5/2/0.5 W
Frequency Stability	better than ±0.0005%
Modulation System	11K0F3E
Maximum Deviation	±2.5 kHz
Spurious Emissions	better than 60 dB below carrier
Audio Distortion (@ 1 kHz)	less than 5 %, w/1.5 kHz deviation
Microphone Type	2-kilohm condenser

- Time-Out Timer (TOT)
- Automatic Power-Off (APO)
- Busy Channel Tx Lock-Out (BCLO)
- Two User Definable Keypad Function Keys

Dealer's Stamp