

FH-915

245 MHz FM Transceiver (16 key Version)

SPECIFICATION SHEET

FH-915 245Mhz FM Transceiver

The FH-915 are compact, high-performance FM Hand-Helds providing up to five Watts of RF power and a wealth of convenience features for the 245 MHz Band.

New and exciting features of the FH-915 are Enhanced Paging and Code Squelch (EPCS), that allows you to page a particular station and only receive calls from that station, if desired; and a security Password feature, that will allow you to turn on and operate your transceiver only after you enter your Password.

Features

- 245MHz / 5W FM Transceiver
- IPX7 Submersible 30 minutes @ 3 feet (1m)
- Long Life Battery FNB-V94 (7.2V/1800mAh) included
- Huge Display (LCD)
- Enhanced Paging and Code Squelch (EPCS)
- CTCSS/DCS included
- Security Password Feature
- Direct Keypad Frequency Entry
- Transmit Time-Out Timer (TOT)
- Automatic Power-Off (APO)
- Vertex Standard's exclusive ARTS (Auto-Range Transponder System)
- RF Squelch Circuit
- 200 Standard Memory Channel with 10 Memory Bank
- Labeling Memories
- Dual Watch (Priority Channel Scanning)
- Smart Search Memories
- Direct DTMF Operation
- DTMF Memory
- DTMF Pager (Requires Optional FTD-7)
- BCLO
- Cloning
- Keypad/LCD Illumination
- 700mW Internal Speaker
- External DC Jack (6-16 V DC)

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.



FH-915

IPX7

Submersible
30 minutes @ 3 feet (1m)

The waterproofing specification, applicable only when using the original FNB-V94 Battery Pack or FBA-25A Battery Case, are only guaranteed if the transceiver case and gaskets are in original, undamaged condition. Inspect the case and gaskets often, and replace them, if damaged, to ensure waterproofing integrity.

ACCESSORIES & OPTIONS

MH-57^{A4B}

Mini Speaker/Microphone

FBA-25A

Dry Cell Battery Case for 6 AA-size cells

E-DC-5B

DC Cable w/ Cigar Adapter

E-DC-6

DC Cable: plug and wire only

CN-3

BNC-to-SMA Adapter

FNB-V94

7.2V 1800mAh Rechargeable Ni-MH Battery Pack

VAC-20

Desktop Charger

Belt Clip**Antenna****FH-915 Specifications****General Specification**

Frequency Range	245.000 - 245.9875 MHz
Channel Steps	12.5 kHz, 80 Channels
Frequency Stability	±5 ppm (-10° C to +60° C)
Repeater Shift	±600 kHz
Emission Type	F2D, F3E
Antenna Impedance	50Ω
Supply Voltage	Nominal: 7.2V DC, Negative Ground Operating: 6.0 - 16V, Negative Ground (ET DC JACK) 11-16V, Neg. Ground (EXT DC JACK while Charging)
Current Consumption	165mA (Receive) 220mW Output 45mA (Standby, Saver Off) 19mA (Standby, Saver On) 8mA (Auto Power Off) 1.6A (5W Tx 7.2V DC)
Operating Temperature	-4° F to + 140° F (-20° C to +60° C)
Case Size	2.4" x 4.7" 1.3" WHD (60 x 120 x 32 mm)
Weight	14.2 oz. (400g) with FNB-V94 & antenna

Receiver Specification:

Circuit Type	Double-Conversion Superheterodyne
Intermediate Frequencies	1st: 21.7 MHz 2nd: 450 kHz
Sensitivity	0.2μV for 12 dB SINAD
Selectivity	Typical 60 dB
AF Output	Internal: 700mW @ 16 Ohm for 10% THD (@7.5V) External: 400mW @ 8 Ohm for 10% THD (@7.5V)
Spurious Response	Typical 60dB
Intermodulation	Typical 70dB

Transmitter Specification:

RF Power Output	High 5W (@ 7.2V FNB-V94) Mid 2W (@ 7.2V FNB-V94) Low 0.5W (@ 7.2V FNB-V94)
Modulation Type	Variable Reactance F2D, F3E
Maximum Deviation	± 2.5kHz
Spurious Emissions	At least 60dB down (High & Mid) At least 40dB down (Low)
Microphone Impedance	2kΩ

Dealer's Stamp