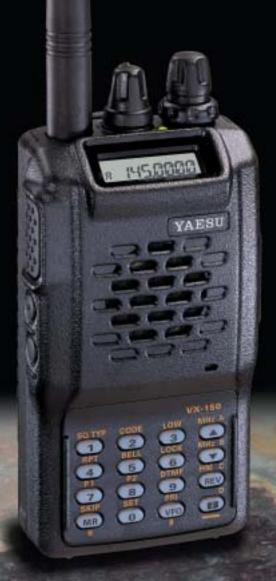
# **VHF FM HANDHELD TRANSCEIVER**

# **144 MHz, Ultra-Rugged, 5 Watts!**



Compact yet incredibly rugged, the VX-150 2-meter handheld is designed to perform under the most difficult operating conditions, and it's packed with the leading-edge features you've come to expect from a Yaesu product. The VX-150's die-cast aluminum case houses a large, high-output speaker, and the illuminated keypad provides easy viewing during nighttime operation.

- Frequency Range RX 140~174 MHz TX 144~148 MHz
- 5 Watts Power Output
- 209 Memories
- Direct Keypad Frequency Entry
- 7-Digit Alphanumeric Memory Labels
- CTCSS and DCS Encode/Decode
- Omni-Glow™ Display Illumination
- Two User-Definable Keypad Function Keys
- Automatic Repeater Shift (ARS)
- 9 DTMF Auto-Dial Memories (16 digits each)
- ARTS™ (Auto-Range Transponder System)
- Wide/Narrow Deviation Selection
- TX and RX Battery Savers
- Time-Out Timer (TOT)
- Smart Search™ Auto Memory Loading
- Automatic Power-Off (APO)
- MIL-STD 810D/E
- 1750 Hz Tone Calling for European Repeaters
- Busy Channel TX Lock-Out (BCLO)
- Battery Voltage Meter
- ADMS-1F PC Programmable



## **SPECIFICATIONS**

#### GENERAL

Rx 144~146 MHz (B1),140~174 MHz (B2) Circuit Type: Frequency Coverage:

Tx 144~146 MHz (B1), (B2)

5, 10, 12.5, 15, 20, 25 & 50 kHz Channel Steps: 600 kHz

Standard Repeater Shift: Emission Type: G3E

6.0 to 16.0 VDC Supply Voltage: Current Consumption: Receive: 130 mA

Transmit (HIGH: 5 W): 1.3 A (MID: 2 W): 800 mA (LOW: 0.5 W): 500 mA

Àuto Power Off: 8 mA

YHA-62 rubber flex antenna Antenna (SMA jack): Case Size (WHD):  $58 \text{ (W)} \times 108.5 \text{ (H)} \times 26.5 \text{ (D)} \text{ mm}$ 

 $(2.3"\times4.3"\times1.0")$ (w/o knob & antenna)

Weight (approx.): 325g w/FNB-64 & antenna

#### RECEIVER

Sensitivity (for 12 dB SINAD): Adjacent Channel Selectivity:

Intermodulation: Audio Output:

Double-Conversion Superheterodyne Better than 0.16 µV Typical 70 dB Typcal 70 dB

0.4 W @ 8 Ohms for 10 % THD

@ 7.2 V

### TRANSMITTER

Power Output: Frequency Stability: Maximum Deviation: **Spurious Emissions:** Audio Distortion (@ 1 kHz):

Microphone Type: Burst Tone:

5.0/2.0/0.5 W @ 7.2 V Better than ±5 ppm ±5 kHz

Better than 60 dB below Carrier Less than 5 % w/3 kHz Deviation

2 kΩ Condenser 1750 Hz

Specifications are subject to change, in the interest of technical improvement, without notice or obligation. Performance measurements are per EIA standards, unless noted otherwise. Comparative performance and other statements are based on market conditions as of the printing date of this brochure..

# **OPTIONS AND ACCESSORIES**

FNB-64: 7.2 V, 700 mAh Ni-Cd Battery Pack **FNB-V57:** 7.2 V, 1100 mAh Ni-Cd Battery Pack

Compact Dry Cell Battery Case for 6 AA-size cells 120 VAC Compact Wall Charger for FNB-64 240 VAC Compact Wall Charger for FNB-64 FBA-25: NC-72B: NC-72C: NC-72F: 220 VAC Compact Wall Charger for FNB-64

NC-73B: 120 VAC Desktop Rapid Charger 240 VAC Desktop Rapid Charger NC-73C: External Hand Speaker/Microphone MH-34B4B:

Earpiece/Microphone MH-37A4B: VC-25: VOX Headset

DC Cable w/Noise Filter DC Cable; plug and wire only BNC-to-SMA Adapter E-DC-5B: **E-DC-6**: CN-3: CT-44: Microphone Adapter Rubber Flex Antenna YHA-62: CT-27: Cloning Cable

> Eight-key VX-110 model (w/o direct frequency and DTMF entry) also available





Availability of accessories may vary: some accessories are supplied as standard per local regulations and requirements, others may be unavailable in some regions. Check with your Yaesu dealer for additions to the abovelist. Batteries, Speaker/Mics, Chargers, etc. are warranted for one year.

About this brochure: because of printing process tolerances, the actual color hue or color density of product images shown in this brochure may be slightly different from that of the manufactured product. Some information may have been updated since the time of printing; please check with your Authorized Yaesu Dealer for complete details. Specifications guaranteed only within amateur bands

We reserve the right to make changes at any time in equipment, optional accessories, specifications, model number, and availability.



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