

ALINCO

Quality. Style. Performance!

VHF/UHF FM Dualband Handheld Transceiver

DJ-VX50_{HT/HE}

Power, Features and Fun!

Full of advanced features, the DJ-VX50 offers Professional-grade operation and powerful 5W (VHF) / 4W (UHF) output. In a compact IP67 dust/water proof body, CTCSS, DTMF, DCS are standard, along with a variety of tone bursts for repeater access or selective calling. Convenience features include direct frequency input, alphanumeric channel labels and 200 memory channels that can each store operating parameters. In addition, DJ-VX50 sports VHF AM aircraft, FM broadcast and NOAA Weather Channel receiver for an extra listening pleasure! A Li-Ion battery pack and a stand charger are standard, adding power and convenience. The DJ-VX50 places one of the world's most versatile transceivers at your command, at ALINCO's affordable price!



- 3 color-selectable display and keypad
- Semi-Duplex Dualband, V/V-U/U, FM broadcast, VHF AM aircraft and NOAA Weather Channel receiver
- 200 memory channels, any mix of VHF/UHF
- Internal VOX
- Alphanumeric channel labels
- Direct frequency input from keypad
- Auto-repeater shift setting
- Variety of scanning modes
- Wide and narrow FM TX/RX
- High power Li-Ion battery pack, stand charger and beltclip included



IP67 Dust/Water proof

DJ-VX50 is protected against solid objects like dusts, and capable of withstanding immersion in 1 meter of fresh water for 30 minutes.



Advanced Features

Professional-grade signaling features

including CTCSS, DTMF, DCS, 2Tone, 5Tone, Tone-burst and more, with Talk-around, Reverse, BCLO and TOT!

Variety of scanning modes

including Programmed, CTCSS/DCS tone, VFO, FM broadcast, NOAA channels and Memory with skip feature.



Standard accessories



Specifications

GENERAL

	DJ-VX50HT	DJ-VX50HE
RX Frequency Coverage	FM : 136 – 174MHz / 400 – 470MHz	FM : 144 – 146MHz / 430 – 440MHz
	WFM : 76 – 107.95MHz / AM 118 – 135.995MHz FM 162.400 – 162.550 MHz	
TX Frequency Coverage	FM:144-148MHz 420-450MHz	FM:144-146MHz 430-440MHz
Modulation	F3E(16K0F3E / 11K0F3E / RX only WFM, AM)	
Frequency stability	±2.5ppm	
Power supply requirement	7.4V (Battery)	
Current drain (Approx.)	1500mA TX / 300mA receive at Max audio output 80mA squelched	
Usable temperature range	-20~ +60°C(-4~140°F)	
Channel step	2.5, 5, 6.25, 10, 12.5, 20, 25, 30 and 50 KHz	
Dimensions	118 x 59 x 38 mm (with battery pack)	
Weight	approx.230g inclusive of battery pack and antenna	

TRANSMITTER

Output Power (Approx)	Approx. 5W(VHF) / 4W(UHF) / 2W / 1W
Frequency Deviation	±5kHz / ±2.5kHz
Spurious emission	-60dB or less

RECEIVER

Receiver System	Direct conversion
Sensitivity (12dB SINAD Wide/Narrow)	Wide -12dBu / Narrow -9dBu
Adjacent Channel Selectivity	Wide More than 65dB / Narrow More than 60dB
Audio output power	1W (10% distortion)

Specifications subject to change without notice or obligation.
Product intended for use by properly authorized operators.

Standard Accessories (A strap is included)

Whip antenna	Li-ion Battery Pack	Rapid Charger Stand	AC Adapter	Belt Clip
EA-253 *SMA-P	EBP-101 Li-ion 7.4V 1800mAh	EDC-219	EDC-221(E:220V) EDC-305(T:120V)	EBC-51

Standard accessories declared herein are our factory default and may vary at moment of sales depending on the market and Dealers' sales policy.

Options



● Earphone Microphone (EME-56A)



● Speaker Microphone (EMS-76)

Authorized Dealer:

Copyright Alinco, Inc., Osaka, Japan. All rights reserved. Although Alinco has designed this brochure to be as accurate and comprehensive as possible, we reserve the right to make changes at any time to our equipment line, optional accessories, specifications, standard accessories, or availability of any such devices we manufacture and distribute. Please note that certain products and accessories may not be available in all countries of distribution therefore consult your Authorized Alinco Dealer for product availability and pricing. Specifications apply only to ham bands unless otherwise specified. Colors of images herein may appear slightly different from actual products due to print. Amateur radio operator license is required. Permits required for MARS use.

ALINCO, INC. Electronics Division

Yodoyabashi Dai-Bldg 13F, 4-4-9 Koraihashi,
Chuo-ku, Osaka 541-0043 Japan
Phone: +81-6-7636-2362 Fax: +86-6-6208-3801
http://www.ALINCO.com
E-mail: export@alinco.co.jp