

ALINCO

Quality. Style. Performance!

VHF/UHF FM Dualband Handheld Transceiver

DJ-W50

Amazing high performance, compact size, and full featured!



Full of advanced features, the DJ-W50 offers Professional-grade operation and powerful 5W (VHF) / 4W (UHF) output. 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.

A Li-Ion battery pack and a stand charger are standard, adding power and convenience. The DJ-W50 looks simple, but remember, looks can be deceiving! The DJ-W50 places one of the world's most advanced transceivers at your command, at ALINCO's affordable price!

- Large, dot-matrix, 3 color-selectable display and keypad (Blue, Purple and Orange)
- Semi-Duplex dualband, V/V-U/U and FM broadcast receiver
- 200 memory channels, any mix of VHF/UHF
- Internal VOX
- Alphanumeric channel labels
- Direct frequency input from keypad
- Professional-grade signaling features
- Variety of scanning modes
- Wide and narrow FM TX/RX
- High power Li-Ion battery pack, stand charger and beltclip included

DJ-W50



Advanced Features

Professional-grade signaling features

Including DTMF, CTCSS, DCS, Tone-burst tones with Talk-around, Reverse, BCLO, TOT and more!

Variety of scanning modes

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

Flexible Power Options

Use the standard Li-Ion battery pack. The battery pack is rechargeable using 12Vdc through an optional EDC-198 cable and a standard charger



Standard accessories

Specifications

GENERAL

DJ-W50	
RX Frequency Coverage (76-108MHz WFM)	136-174MHz 400-438MHz
TX Frequency Coverage	136-174MHz 400-438MHz
Modulation	F3E(16K0F3E / 11K0F3E / RX only WFM)
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~ +55°C (-4~131°F)
Channel step	2.5, 5, 6.25, 10, 12.5, 20, 25, 30 and 50 KHz
Dimensions	59W×98H×35D mm or 2.32W×3.86H×1.38D inches (Projections not included/approx.)
Weight	Approx.227g or 8.01oz inclusive of battery pack and antenna

TRANSMITTER

Output Power (Approx)	Approx. 5W(VHF) / 4W(UHF) / 2W / 1W
Frequency Deviation	±5kHz / ±2.5kHz
Spurious emission	Less than -36dBm

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.

*VFO(frequency) mode may not be available due to regulation. Please consult with your dealer before purchase.

Standard Accessories (A strap is included)

Whip antenna	Li-ion Battery Pack	Rapid Charger Stand	AC Adapter	Belt Clip
EA-228	EBP-88 Li-ion 7.4V 1700mAh	EDC-189	EDC-190E (220V Linear)	EBC-34

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

Options



● AC adapter / Switching 220V (EDC-191E)



● AC adapter / Switching 120V (EDC-191T)



● Mobile DC charging cable (EDC-198)



● Earphone Microphone (EME-56A)



● Speaker Microphone (EMS-76)

Authorized Dealer:

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* Projections are not included in the declared dimension values.

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