

ALINCO

Quality. Style. Performance!

VHF/UHF FM Dualband Handheld Transceiver

DJ-W70HE  amateur

DJ-W70HT  amateur

DJ-W70 Land mobile radio



8W Power to Perform!

Full of advanced features, the DJ-W70 offers Professional-grade operation and powerful 8W (HE/HT)/10W(Land mobile) max. output on both VHF/UHF. In a IP67 dust/water tight body, CTCSS, DTMF, DCS encode/decode and Tone burst tones are standard for repeater access or selective calling. Convenience features include intuitive operation with full-color TFT display, direct frequency input, 8-digit alpha-numeric channel labels and 200 memory channels that can each store operating parameters. In addition, DJ-W70HE/HT support VHF AM aircraft and FM broadcast receiver for an extra listening pleasure !

A Li-Ion battery pack and a stand charger are standard, adding power and convenience.

The DJ-W70 is a powerful handheld transceiver at your command, at ALINCO's affordable price !



- USB Type-C for battery charge and PC connection
- AI Noise Canceller
- Semi-Duplex dualband, V/V-U/U operation
- IP67 compatible dust/water proof
- 200 memory channels, any mix of VHF/UHF
- Internal VOX
- Frequency counter function
- Alphanumeric channel labels
- Direct frequency input from keypad
- Variety of scanning modes
- Wide and narrow FM TX/RX
- High power Li-Ion battery pack, stand charger and beltclip included
- FM broadcasts and AM VHF aircraft receiver (HE/HT only)
- Inversion scrambler (DJ-W70 Land mobile only)

DJ-W70 Series



Advanced Features

- Shift/Offset, Talk-around, Reverse, BCLO, TOT
 - Emergency call
 - 2 Scan lists
 - Variety of scanning modes for VFO /Memory / FM broadcasts
 - 2 Programmable Function keys
Shortcut to 4 functions of your choice
- ...and more!



Options



- PC Interface Cable (ERW-22B)

Please consult your dealer for utility software before purchase. Alinco releases such software to authorized dealers only.

Specifications

GENERAL

RX Frequency Coverage	All models FM : 136 - 174MHz / 400 - 470MHz WFM : 76 - 108MHz / AM : 108 - 136MHz
TX Frequency Coverage	DJ-W70 : 136 - 174MHz / 400 - 470MHz DJ-W70HT : 144 - 148MHz / 420 - 450MHz DJ-W70HE : 144 - 146MHz / 430 - 440MHz
Modulation	F3E (16K0F3E / 11K0F3E)
Frequency stability	±2.5ppm
Power supply requirement	DC7.4V EBP-124/2600mAh
Current drain (Approx.)	TX: Low 0.8A / Middle 1.7A / High 2.6A RX: 0.35A@ Max audio / Squelched 70mA BS (1:4 average) 45mA
Usable temperature range	-20 ~ +60°C (-4 ~ 140°F)
Channel step	2.5, 5, 6.25, 10, 12.5, 20, 25, and 50 KHz
Dimensions (WxHxD)	61.1 x 129.8 x 42.62mm (Exclude Antenna/clip)
Weight	approx. 310g inclusive of battery pack and antenna

TRANSMITTER

Output Power (Approx)	HE/HT: 8W / 5W / 1W (Land mobile 10W / 5W / 1W)
Frequency Deviation	±5kHz / ±2.5kHz
Spurious emission	Less than -27dBm

RECEIVER

Receiver System	Direct conversion
Sensitivity (12dB SINAD)	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. HE/HT models require amateur radio operator's license.

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

Standard Accessories

Whip antenna	Li-ion Battery Pack	Charger Stand	USB Cable	Belt Clip	USB Adapter
EA-326	EBP-124 Li-ion 7.4V 2500mAh	EDC-354	EDS-50	EBC-71	T : EDC-356 E : EDC-355

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



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. Colors of images herein may appear slightly different from actual products due to print.
* Projections are not included in the declared dimension values.

ALINCO, INC. Electronics Division

Yodoyabashi Dai-Bldg 13F, 4-4-9 Koraibashi,
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

FNFNHEF-PE
Ver.1.0 DJW70
Printed in Japan