

ALINCO

Quality. Style. Performance!

VHF FM HANDHELD TRANSCEIVER

DJ-W10



Rugged, Reliable Radio That Withstands Your Demands... at an affordable price!

This new VHF handheld transceiver packs a lot of performance into a MIL-spec* rugged polycarbonate body. Designed to resist splash and dust*, the DJ-W10 features professional grade specs such as 1W audio output, 2.5ppm frequency stability, capable of operating 136-174MHz range at 5W with 50 tone-squelch, DCS or DTMF/ANI in 128 programmable-channels or VFO; keep in touch for retails, construction, factory, warehouse, in a theme-park, shopping mall, exhibition hall, hotel...where you need reliable communications for business, the DJ-W10 is a cost effective alternative to a mobile/cell phone!

*MIL-STD-810G shock/vibration compliant

*IP54 Dust & Splash-proof compatible



Performance Doesn't Have to Cost More!

Features

- 128 channels to program operating parameters via PC utility software
- Channel, Name tag and VFO (Frequency) display modes selectable
- Comes with a rechargeable Li-Ion pack, desktop quick-charger and high-performance whip antenna
- Ergonomically designed compact body 59.0W x 98.0H x 35.0D mm or 2.32W x 3.86H x 1.38D inches (w/o projections, approx.), weighs approx.227g or 8.01oz inclusive of battery pack and antenna
- 3 types of Scan functions (VFO/Memory channels/Priority), 50 CTCSS, 116 DCS and 4 Tone-burst tones
- Backlit, Dot Matrix LCD screen with alphanumeric name tag
- Microphone and speaker ports
- Includes FM radio receiver, Internal VOX, Voice-prompt in English, Remote-Kill/Stun/Waken, Analog scrambling, Voice Compander, Narrow FM, Repeater-reverse, Auto-Power-OFF, Busy-Channel-Lockout, Time-Out-Timer and more and more at No extra cost!

***IP54 rating classification**

5 : Dust protected /Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment; complete protection against contact
4: Splashing water / Water splashing against the enclosure from any direction shall have no harmful effect. Test duration: 5 minutes / Water volume: 10 litres per minute /Pressure: 80-100 kN/m²



The AC adapter shown here is EDC-190E.



shown with EBP-87

Specifications

General

- Frequency coverage : [TX/RX] 136.000-173.995MHz [RX only] 76-108MHz
- Mode : F3E(16K0F3E / 11K0F3E / RX only WFM)
- Programmable channels : 128 channels
- Frequency stability : ±2.5ppm
- Power supply requirement : 7.4V DC±20% (negative ground)
- Current drain (Approx.) : 1400mA TX / 300mA receive at Max audio output / 70 mA squelched
- Usable temperature range : -20~ +55°C(-4~131°F)
- Dimensions (Projections not included/approx.) : 59.0W×98.0H×35.0D mm or 2.32W×3.86H×1.38D inches
- Weight : approx.227g or 8.01oz inclusive of battery pack and antenna

Transmitter (ETSI EN300 086 compliant)

- Output power : Approx.5 / 2 / 0.5W
- Modulation system : Variable reactance FM
- Spurious emissions : Less than -36dB
- Max. frequency deviation : ±5kHz / ±2.5kHz

Receiver (ETSI EN300 086 compliant)

- Receive system : Double conversion superheterodyne
- Intermediate frequencies : 38.85MHZ
- Sensitivity(12dB SINAD Wide/Narrow) : -12dBμ or better (0.25μV/0.35μV) or better
- Selectivity : -6dB : -6dB : Wide 12kHz /Narrow 10kHz or more -60dB :Wide 30kHz / Narrow 24kHz or less
- Audio output power : 1000mW(8Ω / Max)



Options

- Earphone Microphone (EME-56A)

Standard Accessories (A strap is included)

Whip antenna	Battery Pack		Rapid ChargerStand	AC Adapter	Belt Clip
EA-211	W10 version EBP-88 Li-Ion 7.4V 1700mAh	W10T/W10E version EBP-87 Li-Ion 7.4V 1500mAh	EDC-189	W10: EDC-190E W10T: EDC-191T W10E: EDC-191E	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.

Specifications and contents on this brochure subject to change without notice or obligation. Cellular frequencies blocked.

Authorized Dealer:

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* Projections are not included in the declared dimension values.
* FCC and CE logos in this brochure mean that these products have been approved under the business-radio category of relative conformity unless otherwise specified.

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