

# ALINCO

Quality. Style. Performance!

VHF/UHF FM HANDHELD TRANSCEIVERS

DJ-A10 136~174MHz

DJ-A40 400~470MHz

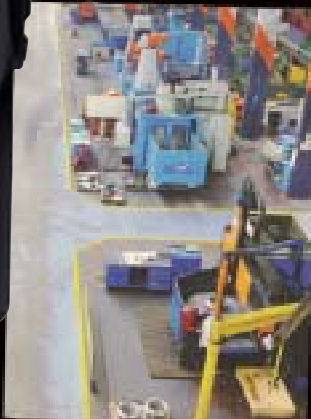


## Rugged, Reliable Radio That Withstands Your Demands... at an affordable price!

These VHF/UHF handheld transceivers pack a lot of performance into a MIL-spec\* rugged polycarbonate bodies. Designed to resist splash and dust\*, the DJ-A10/A40 features professional grade specs such as 1W audio output, 2.5ppm frequency stability, capable of operating 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-A10/A40 is a cost effective alternative to a mobile/cell phone!

\*MIL-STD-810G shock/vibration compliant

\*IP54 Dust & Splash-proof compatible



VHF DJ-A10  
UHF DJ-A40



MIL-STD-810G Compliant  
-Shock: Method 514.6/1,IV  
-Vibration: Method 516.6/1



# 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/Revive, 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/m<sup>2</sup>



shown with EBP-87

## Specifications

### General

- Frequency coverage : [DJ-A10] 136-174MHz [DJ-A40] 400-470MHz
- 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. [A10] 5 / 2 / 0.5W [A40] 4 / 2 / 0.5W
- Modulation system : Variable reactance FM
- Spurious emissions : Less than -36dBm
- Max. frequency deviation : ±5kHz / ±2.5kHz

### Receiver (ETSI EN300 086 compliant)

- Receive system : Double conversion superheterodyne
- Intermediate frequencies : [A10] 38.85MHz / [A40] 26.45MHz
- Sensitivity(12dB SINAD Wide/Narrow) : -12dBμ or better (0.25μV/0.35μV) or better
- Selectivity : -6dB : Wide 12kHz /Narrow 10kHz or more -60dB : Wide 30kHz / Narrow 24kHz or less
- Audio output power : 1000mW(10% distortion)

## Standard Accessories

(A strap is included)

Whip antenna	Battery Pack	
	A10/40 version	A10/40 T/E version
A10 : EA-211 A40 : EA-212	EBP-88 Li-ion 7.4V 1700mAh	EBP-87 Li-ion 7.4V 1500mAh

Rapid ChargerStand	AC Adapter	Belt Clip
EDC-189	A10/40: EDC-190E A10/40T: EDC-191T A10/40E: 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.

The AC adapter shown here is EDC-190E.



Shown with standard accessories

## Options



- Earphone Microphone (EME-56A)
- Mobile DC charging cable (EDC-198)

※ Voids IP54 ingress protection when EME-56A and/or EDH-40 are in use.



- Mobile DC cable (EDH-40)



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

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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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Please be sure to read the instruction manual before using the product for your safety.