

# ALINCO

Quality. Style. Performance!

UHF License-Free Handheld Transceiver

# DJ-A446



# Ready for Action!

No license required! Here's a great radio for work and play, the Alinco DJ-A446, this exciting HT is small enough to fit in a pocket, attractive, rugged, easy to use and it comes with many thoughtful "extras" that make operating more enjoyable.

Working, skiing, camping and travel adventures, no matter how you plan to use it, the DJ-A446 is ready for action, today!

### Features

- Rugged, polycarbonate design resists rain and dust (IP54 compatible)
- MIL-STD-810G shock/vibration compliant
- 128 memories to program operating parameters and tone-squelch tones
- High-performance whip antenna
- Works with rechargeable Li-ion battery pack
- Ergonomically designed body, weighs only 240g inclusive of EBP-87 and antenna
- Dealer-programmable features including Scans and Tone-signaling
- Simple, easy-to-use interface and Backlit, large LCD screen with alphanumeric display mode
- Microphone and earphone ports
- Includes FM radio receiver

### Standard Accessories (A strap is included)

Whip antenna EA-212(fixed)	Rapid ChargerStand EDC-189	Battery Pack EBP-87 Li-ion 7.4V 1500mAh
AC Adapter EDC-191E	Belt Clip 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.



### Optional Accessories

- Earphone Microphone (EME-56A)
- Mobile DC charging cable (EDC-198)
- Mobile DC cable (EDH-40)
- Speaker Microphone (EMS-76)

\* Voids IP54 ingress protection when optional accessories are in use.

### Specifications

#### General

- Frequency coverage : [TX/RX] 8ch PMR446 frequencies in UHF
- Mode : 8K50F3E (FM)
- Memory channels : 128 channels
- Frequency stability :  $\pm 2.5$ ppm
- Operating voltage : 7.4V DC  $\pm 20\%$
- Usable temperature range :  $-10 \sim +45^{\circ}\text{C}$  ( $+14 \sim 113^{\circ}\text{F}$ )
- Charging temperature range :  $+5 \sim +40^{\circ}\text{C}$  ( $+41 \sim 104^{\circ}\text{F}$ )
- Dimensions (Projections not included) : 240x56x30mm (with battery pack, antenna)
- Weight 240 g (with battery pack, antenna)
- Sub audible Tone (CTCSS) : encoder/decoder 50tones

#### Transmitter

- Output power : Approx. 500mW
- Modulation system : Variable reactance FM
- Spurious emissions : Less than  $-36\text{dBm}$
- Max. frequency deviation :  $\pm 2.5\text{kHz}$

#### Receiver

- Receive system : Double conversion superheterodyne
- Sensitivity (12dB SINAD) :  $0.35\mu\text{V}$  or less
- Adjacent Channel Selectivity :  $\geq 60\text{dB}$
- Intermodulation :  $\geq 60\text{dB}$
- Spurious Rejection :  $\geq 70\text{dB}$
- Audio output power : Audio Power Output 1000mW/10%

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Authorized Dealer: