

ALINCO

Quality. Style. Performance!

VHF/UHF FM HANDHELD TRANSCEIVERS

DJ-A11 136~174MHz

DJ-A41 400~470MHz



Simple Operation, Advanced Technology.

Just when you thought great audio and tough as nails construction were luxury features available only on the most expensive models, and just when you thought simple, intuitive operation was a thing of the past, along comes the Alinco DJ-A11/A41.

Measuring a tiny 59.0 x 98.0 x 35.0 mm (with battery pack), the DJ-A11/DJ-A41 is designed with practical and versatile operation in mind. The DJ-A11/DJ-A41 is fully PC programmable and PC cloneable up to 128 channels in 8 groups with 16 channels in each group. Features like MIL-spec body, CTCSS/DCS /DTMF signaling, alert tones, voice-computer, channel knob lock, narrow bandwidth, BCLO, TOT, VOX, scans, priority monitoring and more are all standard.

When you need a simple and reliable communications for business, the DJ-A11/DJ-A41 is a cost effective alternative to a mobile/cell phone.

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

***IP54 Dust & Splash-proof compatible**



VHF DJ-A11
UHF DJ-A41

CE 0700

RoHS



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



ALINCO
INCORPORATED

A great Performer in a Small Package

Features

- 128 channels to program operating parameters via PC utility dealer software
- 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
- 2 types of Scan functions (Channels/Priority), 50 CTCSS and 116 DCS
- External microphone and speaker ports
- 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/m²



Specifications

General

- Frequency coverage : [DJ-A11] 136-174MHz [DJ-A41] 400-470MHz
- Mode : F3E(16K0F3E / 11K0F3E)
- Programmable channels : 128 channels
- Frequency stability : ± 2.5 ppm
- Power supply requirement : 7.4V DC $\pm 20\%$ (negative ground)
- Current drain (Approx.) : 1400mA TX / 300mA receive at Max audio output / 70 mA squelched
- Usable temperature range : $-20 \sim +55^{\circ}\text{C}$ ($-4 \sim 131^{\circ}\text{F}$)
- Dimensions (Projections not included/approx.) : 59.0W \times 98.0H \times 35.0D mm or 2.32W \times 3.86H \times 1.38D inches
- Antenna length : [A11] 170mm [A41] 145mm
- Weight : approx.227g or 8.01oz inclusive of battery pack and antenna

Transmitter

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

Receiver

- Receive system : Double conversion superheterodyne
- Intermediate frequencies : [A11] 38.85MHz / [A41] 26.45MHz
- Sensitivity(12dB SINAD Wide/Narrow) : -12 dB μ or better (0.25 μ V/0.35 μ V) or better
- Selectivity : -6 dB : Wide 12kHz / Narrow 10kHz or more -60 dB : Wide 30kHz / Narrow 24kHz or less
- Audio output power : 1000mW(10% distortion)

Standard Accessories (A strap is included)

Whip antenna	Battery Pack	Rapid ChargerStand
A11 : EA-211 A41 : EA-212	EBP-87 Li-Ion 7.4V 1500mAh	EDC-189

AC Adapter	Belt Clip
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.

Options



- Mobile DC cable (EDH-40)
- Mobile DC charging cable (EDC-198)



- Earphone Microphone (EME-56A)



- Microphone (EMS-76)

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

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

Authorized Dealer:

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

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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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