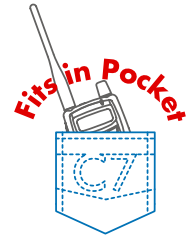


# ALINCO

144/430MHz FM Dual Band  
Handi-Transceiver

# DJ-C7



## Pocket some radio power!

**This Pocket-Size Dual Band HT Really Performs!**

**Introducing the next generation – C7**

Alinco proudly led the way in breakthrough miniature electronics technology with its revolutionary “credit card” size transceivers. The DJ-C7 is the next step in the evolution of the “pocket HT.”

**The “new generation” DJ-C7  
is loaded with features, including:**

- Internal speaker with great audio!
- 200 Memories
- VFO, Memory and Scan modes
- 39 CTCSS tone squelch (encode+decode) settings
- Tone burst function (1,000, 1450, 1750 and 2100Hz)
- Split function
- Cloning feature
- Lithium-ion battery
- Wide-band receive;  
includes FM broadcast and AM aircraft bands\*
- SMA antenna port
- Programmable auto repeater setting

\*USA/T-model only



Actual size

# DJ-C7



## Alinco DJ-C7 Credit Card Size 2 meter + 70 cm "pocket" transceiver

Alinco makes it possible to take a transceiver almost anywhere with the DJ-C7 HT.

So small, it can fit in a pocket, yet it's a versatile dual-band HT with an enhanced receiver.



### ● 200 Memories

Plenty of memories for your favorite frequencies. Save your choices in any combination of VHF, UHF or extended reception selections. Each memory channel can retain frequency, frequency shift and offset, mode, tone encoder and decoder settings.

### ● Long-Lasting, quickly rechargeable Battery

Powerful Lithium-ion battery provides 600 mAh for long service between charges, yet it takes only about 2 hours to recharge it. Transmits with up to 500mW (6Vdc) of power. You'll be amazed at the range you can cover!

### ● Two-way Antenna Systems

It is possible to use the optional earphone cable for FM broadcast reception and the SMA antenna connector allows use of the provided helical antenna or an optional antenna choice.

### ● Programmable auto repeater setting

Just set the frequency range, shift and tone the local system requires once, then let the C7 work for you to access the repeaters stress-free, at home or whatever you travel !

### ● VFO, MEMORY AND SCAN Operating Modes

The DJ-C7 is small but powerful in its abilities. Choose the operating profile that suits your needs and quickly change from one mode to another.

### ● Wide Range Receiver

VHF and UHF transceiver with extended receive capabilities, including wide-band broadcast FM and AM aircraft reception\* (\* USA/T-model only).

### ● Wire Cloning Capability

Share programming with multiple DJ-C7 transceivers from a master unit (requires optional cable).

## SPECIFICATIONS

**Frequency TX:** USA/T 144.00-147.995MHz, 420.00-449.995MHz  
EU/E 144.00-145.995MHz, 430.00-439.995MHz

**Frequency RX:** USA/T 88.100-107.995MHz, 108.00-173.995MHz, 380.00-511.995MHz  
EU/E 87.500-107.995MHz, 144.00-145.995MHz, 430.00-439.995MHz

**Output Power:** 500mW/6Vdc external, 300mW/standard battery EBP-58N

**Modulation:** 16k0F3E (FM) **Receiver Mode:** FM/WFM/AM (where permitted)

**Receiving mode:** FM, Wide FM, AM where permitted

**Rated voltage:** 3.7Vdc/EBP-58N, 3.7-6.0Vdc external source

**Current:** TX 320mA max / RX approx. 70mA (19mA in battery-save mode)

**Freq.stability:** - 7- +3ppm **Max Deviation:** +/- 5KHz **Spurious:** Less than -60dB

**Receiver:** Double Conv.Superheterodyne (WFM Single Conv.Superheterodyne)

**IF:** 1st 50.85MHz(WFM 10.7MHz), 2nd 450KHz

**Sensitivity (12dB SINAD):** WFM -3dBu average, VHF/UHF hambands -15dBu or less

**Selectivity (FM):** +/- 12KHz or more (-6dB), +/- 35KHz or less (-60dB)

**Audio output:** 90mW or more (8ohm 10%THD)

**Size (WxHxD w/o projection):** 58 x 96 x 14.5mm or 2.28 x 3.78 x 0.57 inches

**Weight (antenna & battery inclusive):** 102g or 3.59oz

## STANDARD ACCESSORIES

- Lithium ion battery pack EBP-58N (3.7V 600mAh)
- AC battery quick-charger (the adapter shown in this image is for USA model)
- Helical Antenna
- Antenna Cap



## OPTIONAL ACCESSORIES

- EMS-60** Speaker microphone
- EME-24** Earphone microphone
- EME-18** Earphone
- EBP-58N** Lithium ion battery pack (DC3.7V 600mAh)
- EDC-126(T)/128(E)** AC adaptor for charging the battery pack
- EDH-32** Cigarette lighter cable
- ESC-38** Soft case