

VHF/UHF FM Dual Band Handheld Transceivers **ALINCO**

DJ-500T & DJ-500E

U.S. Version

European Version

Up to an Output of:

VHF **6w** / UHF **5w**

With Ni-CD EBP-8NAZ



DJ-500E ▶

DJ-500T ▶

ALINCO VHF/UHF FM Dual Band Handheld Transceivers

SPECIFICATIONS

● General

Frequency Coverage

Frequency Resolution

Antenna Impedance

Power Supply Requirement

Current Drain at 9.0V

144-147.995MHz & 440-450MHz
(U.S. Version)

144-145.9875MHz & 430-440MHz
(Europe Version)

5, 10, 12.5, 20 and 25KHz. step
50 ohms unbalanced
D. C. 5.5Volts to 12.0Volts
Receiving
Squelched τ does not exceed 45mA
Transmitting
High : 2.5W(VHF)/2.0W(UHF)
Approx. 0.4A/0.5A
Low : 0.4W(VHF)/0.5W(UHF)
Approx. 0.4A/0.5A
58mm(W) \times 176mm(H) \times 30mm(W)
(2-5/16") \times (6-15/16") \times (1-1/4")
0.435Kgs | (0.958Lbs.)

Dimension

Weight

@ Transmitter

Output Power

Emission Mode

Modulation System

Max. Frequency Deviation

Spurious Emission

Microphone

Operating Mode

High : 6Watts(VHF)/5Watts(UHF) at 12.0V
16F3
Variable Reactance F.M.
 ± 5 Hz
More than 60dB below carrier
Electret Condenser Microphone
Simplex
Duplex ± 600 KHz | from receiver
frequency at
144-147.995MHz | or 144-145.9875MHz |
Duplex: ± 1.6 | 5 and 7.6MHz | from receive
frequency at
440-450.00MHz | or 430-440MHz |
Built in

DTMF Encoder

● Receiver

Receiving System

Modulation Acceptance

Intermediate Frequency

Sensitivity

Selectivity

Superhetrodyne, dual conversion
16F3
1st 55.05MHz | 2nd 455KHz |
12dB SINAD less than 0.25 μ V
More than ± 7.5 KHz. at -8dB
Less than ± 15 KHz | at -60dB
80hms
More than 0.5Watts(80hms-10%)
Distortion at 9V |

Speaker Impedance

Audio Power Output

Note : Specifications are subject to change without notice.
Specifications are guaranteed for amateur band only.

OPTIONAL ACCESSORIES

- | | |
|--|--|
| 1. Ni-Cd Battery Pack 9.6V 450mAh | EBP-6NAZ |
| 2. Ni-Cd Battery Pack 7.2V 700mAh | EBP-7NAZ |
| 3. Ni-Cd Battery Pack 7.2V 500mAh | EBP-9NAZ |
| 4. Ni-Cd Battery Pack 12V 700mAh | EBP-8NAZ |
| 5. Earphone Microphone with PTT | EME-2 |
| 6. Standard Earphone (Impedance 18 ohms) | EME-3Z |
| 7. Speaker Microphone | EMS-1Z |
| 8. Mobile Charging Cable with cigarette lighter | EDC-2 |
| 9. Mobile DC Power Cable (Noise Filter Built-in) | EDC-8 |
| 10. Leather Case | ESC-8 |
| 11. A.C. Wall Charger for 12V (EBP-8NAZ) | EDC-11 (AC 120V)
or EDC-12 (220/240V) |
| 12. Charging Stand for EBP-6NAZ | EDC-7 |



◀ DJ-500T

◀ DJ-500E

ACCESSORIES INCLUDED

- Rubber flex Antenna
- Ni-Cd Battery (EBP-7NAZ)
- A.C. Wall Charger (For 7.2 and 9.6V Ni-Cd)
- Hand Strap
- * Belt Clip



Authorized Dealer:



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