

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

Dimensions

Weight

@ Transmitter

Output Power

Emission Mode

Modulation System

Max. Frequency Deviation

Spurious Emission

Microphone

Operating Mode

DTMF Encoder

Receiver

Receiving System

Modulation Acceptance

Intermediate Frequency

Sensitivity

Selectivity

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
2. Ni-Cd Battery Pack 7.2V 700mAh
3. Ni-Cd Battery Pack 7.2V 500mAh
4. Ni-Cd Battery Pack 12V 700mAh
5. Earphone Microphone with PTT
6. Standard Earphone (Impedance 18 ohms)
7. Speaker Microphone
8. Mobile Charging Cable with cigarette lighter
9. Mobile DC Power Cable (Noise Filter Built-in)
10. Leather Case
11. A.C. Wall Charger for 12V (EBP-8NAZ)
12. Charging Stand for EBP-6NAZI

EBP-6NAZI

EBP-7NAZ

EBP-9NAZI

EBP-8NAZ

EME-2

EME-3ZI

EMS-1ZI

EDC-2

EDC-8

ESC-8

EDC-11 (AC 120V)

or EDC-12 (220/240V)

EDC-7

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: 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) x 176mm(H) x 30mm(W)

(2-5/16") x (6-15/16") x (1-1/4")

0.435Kgs (0.958Lbs.)

High: 6Watts(VHF)/5Watts(UHF) at 12.0V

16F3

Variable Reactance F.M.

±5Hz

More than 60dB below carrier

Electret Condenser Microphone

Simplex

Duplex: ±600KHz 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

Superhetrodyne, dual conversion

16F3

1st 55.05MHz 2nd 455KHz

12dB SINAD less than 0.25μV

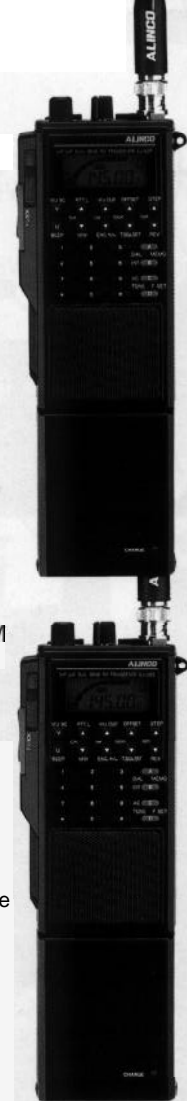
More than ±7.5KHz. at -8dB

Less than ±15KHz. at -60dB

80hms

More than 0.5Watts(80hms-10%)

Distortion at 9V



◀ 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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