

ALINCO

VHF FM Handheld Transceiver

DJ-120T & DJ-120E

DJ-100T & DJ-100E

U.S. Version

European Version

Up to an Output of:

6.5_W

(With Ni-Cd EBP-8NAZ)



▲ DJ-120T



▲ DJ-120E

ALINCO

VHF FM HANDHELD TRANSCEIVER

SPECIFICATIONS

General

Frequency Coverage	144.00-147.995MHz (U.S. Version) 144.00-145.995MHz (European Version)
Frequency Resolution	5, 10, 12.5 and 20 KHz steps
Memory Channels	10 channels
Signal Type	F3
Antenna Impedance	50 Ω unbalanced
Power Supply Requirement	DC 5.5V-13.8V (Rated 7.2V)
Current Drain at 7.2V	Receiving: With B. Save! "ON" 15mA Transmitting High (2.5W) Approx. 800mA Low (0.25W) Approx. 340mA
Dimension	DJ-100T/E: 168mm(H) x 60.5mm(W) x 30mm(D) (6-5/8 inch) (2-3/8 inch) (1-3/16 inch) DJ-120T/E: 165mm(H) x 60mm(W) x 30mm(D) (6-1/2 inch) (2-3/8 inch) (1-3/16 inch)
Weight	DJ-100T/E: Approx. 340g (0.76 lbs.) (With Standard Ni-Cd Battery EBP-9NAZ) DJ-120T/E: Approx. 370g (0.82 lbs.) (With Standard Ni-Cd Battery EBP-7NAZ)

Transmitter

Output Power	About 6.5W with optional Ni-Cd EBP-8NAZ About 2.5W with standard Ni-Cd EBP-7NAZ or 9NAZ About 1W with Dry Cell Battery Pack
Modulation System	Variable reactance frequency modulation
Max. Freq. Deviation	± 5 KHz
Spurious Emission	More than 60dB below carrier
Microphone	Built-in electret condenser microphone
Tone Frequency	67.0 to 250.3 Hz-38 subaudible encoding tones (DJ-120T & 100T)

Operating Mode

Simplex
Duplex: ± 600 KHz from receive frequency
DTMF encoder included as standard in Model DJ-120T & 100T

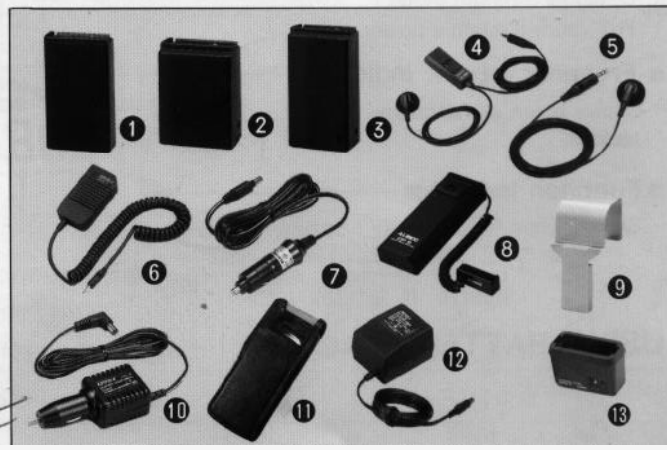
Receiver

Receiving System	Double-conversion superheterodyne
Intermediate frequencies	1st: 21.6MHz 2nd: 455KHz
Sensitivity	12dB SINAD less than -12dB μ
Squelch Sensitivity	Less than -12dB μ
Selectivity	More than ± 7.5 KHz Less than ± 15.0 KHz

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 12V 700mAh | EBP-8NAZ |
| 4. Earphone Microphone with PTT | EME-2 |
| 5. Standard Earphone
(Impedance 16 ohms) | EME-3Z |
| 6. Speaker Microphone | EMS-1Z |
| 7. Mobile Charging Cable with
cigarette lighter | EDC-2 |
| 8. Parade Pack (C-C) cell dry batteries) | EBP-18, |
| 9. Mobile Bracket | EBC-2Z |
| 10. Mobile DC Power Cable (Noise
Filter Built-in) | EDC-8 |
| 11. Leatherette Case | ESC-8 |
| 12. A.C. Wall Charger
for 12V (EBP-8NAZ) | EDC-11 (AC 120V)
or EDC-12 (220/240V) |
| 13. Charging Stand for EBP-6NAZ | EDC-7 |



DJ-100T



DJ-100T/E

ACCESSORIES INCLUDED

- Rubber Flex Antenna
- Ni-Cd Battery EBP-7NAZ (DJ-120T/E) or EBP-9NAZ (DJ-100T/E)
- A.C. Wall Charger (For 7.2 and 9.6V Ni-Cd)
- Hand Strap
- Belt Clip

Authorized Dealer :



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