

ALINCO

VHF & UHF FM
Handheld
Transceivers

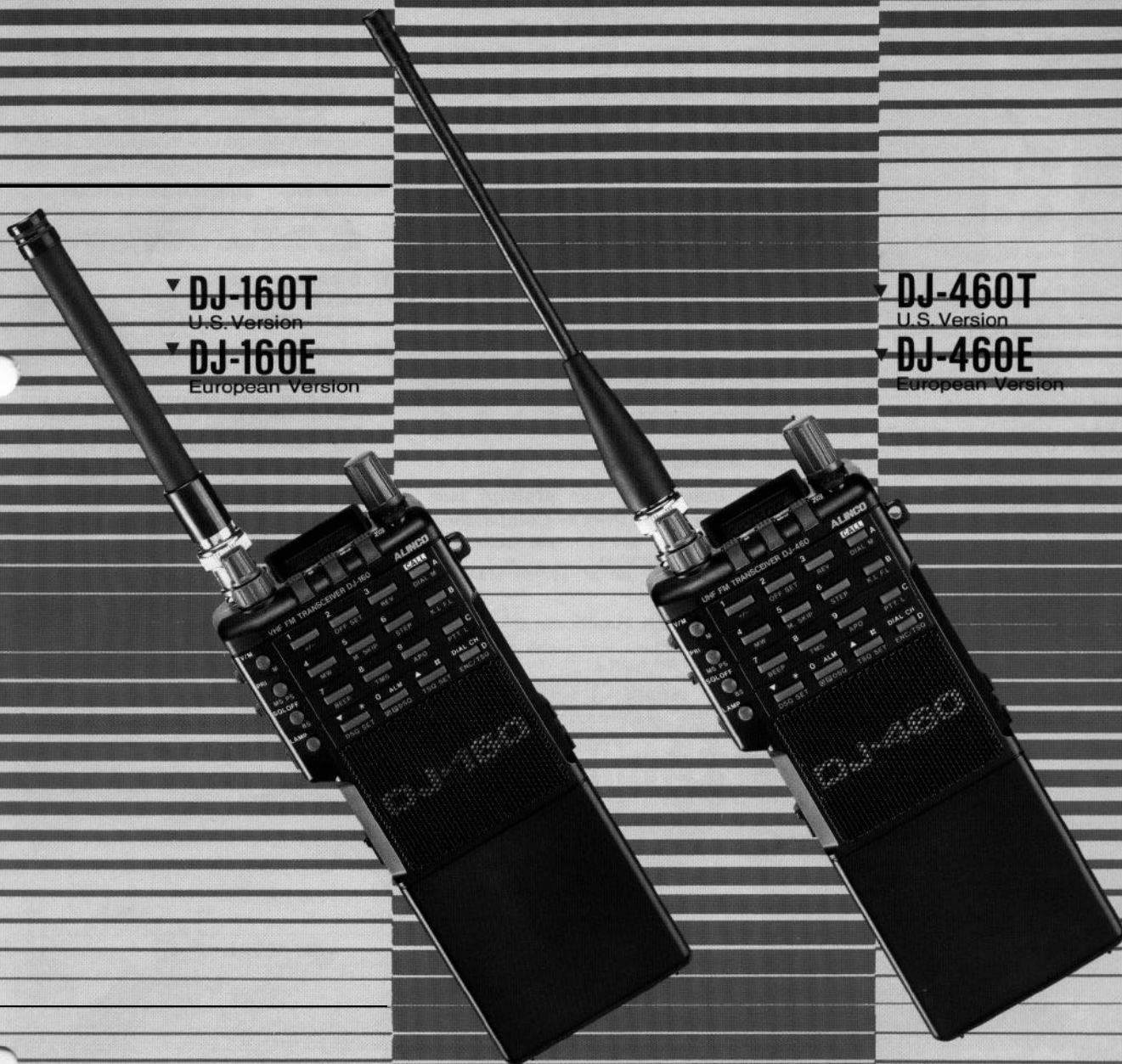
DJ-160T/E

DJ-460T/E

U.S. Version · European Version

▼ DJ-160T
U.S. Version
▼ DJ-160E
European Version

▼ DJ-460T
U.S. Version
▼ DJ-460E
European Version



SPECIFICATIONS

DJ-160T/E

DJ-460T/E

● General

Frequency Coverage	144.00—148.00(TX) 137.00—174.00(RX) (U.S. Version) 144.00—146.00(TX) 144.00—146.00(RX) (Europe Version)	440.00—450.00(TX) 410.00—470.00(RX) (U.S. Version) 430.00—440.00(TX) 430.00—440.00(RX) (Europe Version)
Frequency Resolution	5, 10, 12.5, 20, 25KHz	5, 10, 12.5, 20, 25KHz
Memory Channel	21 Channels	21 Channels
Signal Type	F3	F3
Mic Input Impedance	2kΩ	2kΩ
Speaker Impedance	8Ω	8Ω
Power Supply Requirement	D.C. 7.2"	D.C. 7.2V
Dimension	142(H) × 57(W) × 32(D)mm (5.3/5 × 2.14 × 1.1/4inch)	142(H) × 57(W) × 32(D)mm (5.3/5 × 2.14 × 1.1/4inch)
Weight	Approx. 350g (0.77lbs.) (With Ni-Cd Battery EBP-10N)	Approx. 350g (0.77lbs.) (With Ni-Cd Battery EBP-10N)

● TRANSMITTER

Output Power	About 5W with optional Ni-Cd EBP-12N(12V) About 2W with optional Ni-Cd EBP-10N(7.2V) About 3W with Dry Cell Battery (Rated 9V)	About 5W with optional Ni-Cd EBP-12N(12V) About 2W with optional Ni-Cd EBP-10N(7.2V) About 3W with Dry Cell Battery (Rated 9V)
Modulation System	Variable reactance frequency modulation	Variable reactance frequency modulation
Max. Freq. Deviation	± 5KHz	± 5KHz
Spurious Emission	More than 60 dB below carrier	More than 60 dB below carrier
Tone Frequency	67.0 to 250.3Hz-38 Subaudible Encoding Tone (DJ-160T) 1,750Hz Tone Burst (DJ-160E) * CTCSS Decoder is optional	87.0 to 250.3Hz-38 Subaudible Encoding Tone (DJ-460T) 1,750Hz Tone Burst (DJ-460E) * CTCSS Decoder is optional
Operation Mode	Simplex Duplex : ± 600KHz from receive frequency * DTMF Encoder is included as standard	Simplex Duplex : ± 5 and 7.6MHz from receive frequency * DTMF Encoder is included as standard

● RECEIVER

Receiving System	Double-conversion superheterodyne	Double-conversion superheterodyne
Sensitivity	12dB SIANAD less than -15dBμ	12dB SIANDI less than -15dBμ
Intermediate Frequencies	1st : IF 55.05MHz 2nd : IF 455KHz	1st : IF 55.05MHz 2nd : IF 455KHz

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

BATTERY PACK INFORMATION

Battery Pack	Voltage & Current	Output(Hi)(TX)		Operating Time		Selected A.C.Charger
		DJ-160T/E	DJ-460T/E	DJ-160T/E	DJ-460T/E	
EBP-10N	7.2V 700mAh	2w	2w	About 4H	About 3H	EDC-17 (AC 220/240V) EDC-21 (AC 120V)
EBP-12N	12V 700mAh	5W	5W	About 3H	About 3H	EDC-18 (AC 220/240V) EDC-22 (AC 120V)

OPTIONAL ACCESSORIES

- | | |
|--|--|
| 1. Ni-Cd Battery Pack 7.2V 700mAh..... EBP-10N | 9. Leatherette case for EBP-10N..... ESC-10 |
| 2. Ni-Cd Battery Pack 12V 700mAh..... EBP-12N | 10. Tone Squelch Unit..... EJ-6U |
| 3. Earphone Microphone with PTT..... EME-4 | 11. A.C. Wall Charger for 7.2V (EBP-10N)..... EDC-17 |
| 4. Standard Earphone..... EME-6 | (AC 220/240V) |
| 5. Speaker Microphone..... EMS-2 | or |
| 6. Mobile Charger Cable with Cigarette Lighter..... ED C-1 3 | EDC-21 |
| 7. Mobile DC Power Cable (Noise Filter Built-in)..... EDC-16 | (AC 120V) |
| 8. Headset with VOX/PTT Selection Switch..... EME-10 | 12. A.C. Wall Charger for 12V (EBP-12N)..... EDC-18 |
| | (AC 220/240V) |
| | or |
| | EDC-22 |
| | (AC 120V) |

ACCESSORIES INCLUDED

- Rubber Flex Antenna
- Ni-Cd Battery (EBP-10N)
- A. C. Wall Charger for 7.2V
- Hand Strap
- Belt Clip

