

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	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) 5, 10, 12.5, 20, 25KHz	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) 5, 10, 12.5, 20, 25KHz
Frequency Resolution	21 Channels	21 Channels
Memory Channel	F3	F3
Signal Type	2kΩ	2kΩ
Mic Input Impedance	8Ω	8Ω
Speaker Impedance	D.C. 7.2"	D.C. 7.2V
Power Supply Requirement	142(H) X 57(W) X 32(D)mm (5.3/5 X 2.14 X 1.1/4inch)	142(H) X 57(W) X 32(D)mm (5.3/5 X 2.14 X 1.1/4inch)
Dimension	Approx. 350g (0.77lbs.) (With Ni-Cd Battery EBP-10N)	Approx. 350g (0.77lbs.) (With Ni-Cd Battery EBP-10N)
Weight		

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) Variable reactance frequency modulation ± 5KHz More than 60 dB below carrier 67.0 to 250.3Hz-38 Subaudible Encoding Tone (DJ-160T) 1,750Hz Tone Burst (DJ-160E) * CTCSS Decoder is optional Simplex Duplex : ± 600KHz from receive frequency * DTMF Encoder is included as standard	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) Variable reactance frequency modulation ± 5KHz More than 60 dB below carrier 87.0 to 250.3Hz-38 Subaudible Encoding Tone (DJ-460T) 1,750Hz Tone Burst (DJ-460E) * CTCSS Decoder is optional Simplex Duplex : ± 5 and 7.6MHz from receive frequency * DTMF Encoder is included as standard
Modulation System		
Max. Freq. Deviation		
Spurious Emission		
Tone Frequency		
Operation Mode		

RECEIVER

Receiving System	Double-conversion superheterodyne	Double-conversion superheterodyne
Sensitivity	12dB SIANAD less than -15dBμ	12dB SIANAD 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

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

