

**ALINCO**

# DJ-580T DJ-580E

(U.S. Version)

(European Version)

**VHF/UHF FM TWINBAND  
HANDHELD TRANSCEIVER**



# SPECIFICATIONS

# DJ-580T/ E

## General

Frequency Coverage

|     | (TX)                                         | (RX)                                                                           |
|-----|----------------------------------------------|--------------------------------------------------------------------------------|
| VHF | 144.000 — 147.995MHz<br>144.000 — 145.995MHz | 130.000 — 173.995MHz (U.S. Version)<br>144.000 — 145.995MHz (European Version) |
| UHF | 440.000 — 449.995MHz<br>430.000 — 439.995MHz | 420.000 — 479.995MHz (U.S. Version)<br>430.000 — 439.995MHz (European Version) |

Frequency Resolution

5, 10, 12.5, 20 and 25kHz steps

Memory Channels

42 channels (total 40ch for VHF/UHF. 2 ch Call for VHF/UHF)

Signal Type

F3E (FM)

Microphone Input Impedance

2K ohm nominal

Speaker Impedance

8 ohm

Antenna Impedance

50 ohm

Dimension

140(H) x 58(W) x 33(D)mm

(with 6pcs) x 3A Dry Cell Battery Case or Standard Ni-Cd Battery Pack EBP-20N

410g

Weight

## Transmitter

Output Power

with EBP-20N (standard for T and E)

| High                                 | Middle | Low  |
|--------------------------------------|--------|------|
| approx. 2.0W/VHF<br>approx. 1.5W/UHF | 1.0W   | 0.3W |

with EBP-22N (Optional Ni-Cd Battery Pack)

| High                   | Middle | Low  |
|------------------------|--------|------|
| approx. 5.0W/VHF & UHF | 1.0W   | 0.3W |

Note: The battery charger for both EBP-20N and EBP-22N is EDC-24 (AC: 220/240V) and EDC-25 (AC: 120V). T and E Version includes the battery charger.

Variable reactance frequency Modulation

+ 5kHz

Better than - 60dB below carrier level

Modulation System

Max. Freq Deviation

Spurious Emission

## RECEIVER

Receiving System

Double-Conversion Superheterodyne

Sensitivity

12dB SINAD less than -15dBμ

Intermediate Freq.

VHF: 1st. IF 55.05MHz 2nd. IF 455kHz

UHF: 1st. IF 23.05MHz 2nd. IF 455kHz

• Specifications are subject to change without notice due to developments in technology.

## OPTIONAL ACCESSORIES



**EDC-24** (117V)  
**EDC-25** (220/240V)  
Ni-Cd AC Battery charger



**EDC-34** (117V)  
**EDC-35** (220/240V)  
AC/DC Quick Ni-Cd  
Battery charger



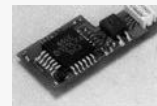
**EDC-36**  
Mobile DC Power Cable  
with Active Noise Filter



**EDC-41**  
Mobile DC Power Cable



**EDC-37**  
Cable Tied Power Supply  
at 13.8"



**EJ-12U**  
Tone Squelch Unit



**EMS-8**  
Remote Control Speaker  
Microphone



**EMS-22**  
Speaker Microphone



**EME-11**  
Earphone Microphone  
with PTT/VOX



**EME-10K**  
Headset including Orange  
Pad with VOX/PTT



**EME-6**  
Earphone



**EME-4**  
Earphone Microphone



**EBP-20N**  
Ni-Cd Battery Pack  
7.2V 700mAh



**EBP-22N**  
Ni-Cd Battery Pack  
12V 700mAh



**ESC-17**  
Leatherette Case



**ALINCO ELECTRONICS INC.**

Head Office: "TWIN 21" MID Tower Building 23F | I-61, 2-Chome | Shiromi. Chuo-ku.

Osaka No.540 | Japan

Factory: Mishimae | Takatsuki. Osaka No.569. Japan

**ALINCO ELECTRONICS INC.**

438 Amapola Avenue, Unit 130, Torrance, CA 90501, USA