

T-WIN BAND

ALINCO

VHF/UHF FM

Mobile Transceivers

DR-570T

(U. S. Version)



Cross Band-Full Duplex



DR-570E

(Europe Version)

ALINCO**VHF & UHF FM MOBILE TRANSCEIVER****SPECIFICATIONS****TWIN BAND**● **General**

Frequency Coverage	144.00-147.995MHz (TX), 130-169.995MHz (RX) 440.00-449.995MHz (TX) (RX) (U. S. I Version) 144.00-145.9875MHz (TX), 130-169.9875MHz (RX) 430-440MHz (Europe Version)
Frequency Resolution	5, 10, 12.5, 20 and 25KHz steps
Antenna Impedance	50 Ohms unbalance
Power Supply Requirement	13.8 Volts D. C.
Current Drain at 13.8V	Receiving Squelched: does not exceed 600mA Transmitting High: 45W approx. 10.0A at VHF Low: 5W approx. 4.0A at VHF High: 35W approx. 11.0A at UHF Low: 5W approx. 4.0A at UHF
Dimension	150mm(W) x 50mm(H) x 173mm(D) (5-7/8") x (2") x (6-7/8")
Weight	Approx. 1.6Kgs. (3.74 Lbs.)

● **Transmitter**

Output Power	High: Approx. 45 Watts at VHF, Approx. 35 Watts at UHF Low: Approx. 5 Watts at both bands F3 (FM) Variable Reactance F. M. ±5KHz More than 60dB below carrier Electret Condenser Microphone Simplex Duplex: ±600KHz from receive frequency at 144-147.995MHz ±5MHz from receive frequency at 440-449.995MHz Built in (DR-570T)
Emission Mode	
Modulation System	
Max. Frequency Deviation	
Spurious Emission	
Microphone	
Operating Mode	
DTMF Encoder	

● **Receiver**

Receiving System	Superheterodyne, dual Conversion
Modulation acceptance	F3 (FM)
Intermediate Frequency	1st 10.7MHz 2nd 455KHz at VHF 1st 30.825MHz 2nd 455KHz at UHF
Sensitivity	12dB SINAD - 16dBμ
Selectivity	More than ±6KHz at -6dB Less than ±12KHz at -60dB More than 2.0±0.5W
Audio Power Output	8 Ohms
Speaker Impedance	

■ **Accessories supplied as standard:**

- Hand Microphone (Condenser type)
 - a. 16 button DTMF Microphone (DR-570T)
 - b. Hand Microphone (DR-570E)
- Mobile Mounting Bracket
- Mounting Hardware
- D.C. Power Cable

**DR-570T****DR-570E**

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

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