

ALINCO

DR-600T

VHF/UHF FM

TWIN BAND MOBILE TRANSCEIVER



SPECIFICATION

• General

Frequency coverage:

DR-600TI (U.S. Version)

144.000-147.995MHz (TX),

137.000-173.995MHz (RX),

440.000-449.995MHz (TX),

410.000-469.995MHz (RX)

Frequency Resolution:

5, 10, 12.5, 15, 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 800mA

Transmitting

VHF High: 45W approx. 9.5A

Middle: 10W approx. 4.5A

Low: 5W approx. 3.5A

UHF High: 35W approx. 10A

Middle: 8W approx. 5A

Low: 4W approx. 4A

Dimension:

5-9/10" (W) x 2" (H) x 7" (D)

(150mm x 50mm x 178mm)

Weight:

Approx. 3.3lbs (1.5kgs)

• Transmitter

Output Power:

VHF High: 45W

Middle: 10W

Low: 5W

UHF High: 35W

Middle: 8W

Low: 4W

Emission Mode:

F3E (FM)

Modulation System:

Variable Reactance F.M.

Max. Frequency Deviation:

±5kHz

Spurious Emission:

-60dB or under below carrier

Microphone:

Electret Condenser Microphone

Operating Mode:

Simplex

Duplex:

5kHz and 12.5kHz steps between 0 and

10.995MHz

from receive

frequency at 144-147.995MHz and 440-

449.995MHz

DTMF Encoder/Decoder:

Built-in (DR-600TI only)

• Receiver

Receiving System:

Superheterodyne, Dual Conversion

Modulation Acceptance:

F3E (FM)

Intermediate Frequency:

1st 21.6MHz and 455kHz at VHF

1st 30.825MHz and 455kHz at UHF

Sensitivity:

12dB SINAD - 16dBu

Selectivity:

±6kHz or under at -6dB

±12kHz or under at -60dB

Audio Power Output:

Approx. 2.5W

Speaker Impedance:

8 Ohms

• Accessories supplied as standard

-Hand Microphone (Condenser type)

a. 16 button DTMF Microphone (DR-600TI)

b. Hand Microphone (DR-600E)

-Mobile Mounting Bracket

-Mounting Hardware

-D.C. Power Cable

MODEL CHART

TONE BURST Not Available

Subaudible Tone Encode Included, Decode Optional

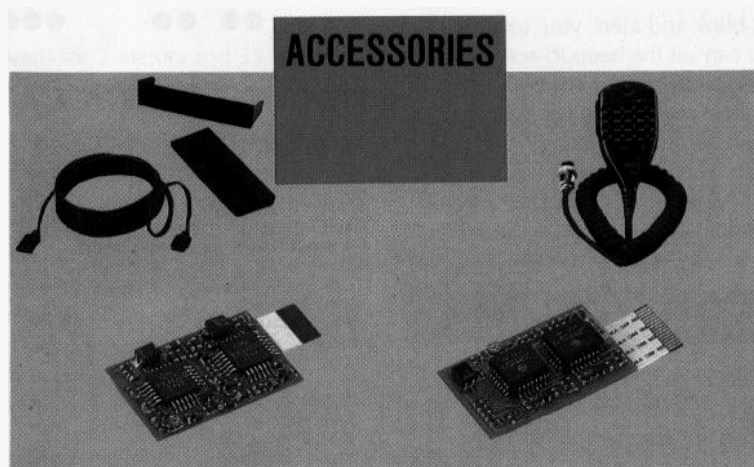
DTMF Encoder Included (16 Buttons)

DTMF Decoder Included

- EDC-19
Separate Mounting Kit
with 3m (9ft. 10in.) Cable

- EDC-20
Separate Mounting Kit
with 5m (16ft. 5in.) Cable

- EJ-7U
Tone Squelch Unit
(for 2 bands)



- EMS-3
Remote Control Microphone
with DTMF keypad
(Standard for DR-600-T)

- EJ-8U
DTMF Unit
(for 2 bands)
Standard in
DR-600TI

Specifications subject to change without notice.

ALINCO ELECTRONICS INC.

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