

ALINCO

Alinco DR-610T VHF/UHF FM Dual Band Mobile/Base Transceiver



Alinco presents the 2 meter + 440 dual band transceiver that can do it all! With 120 standard memory channels, each capable of non-standard repeater splits; Alinco's unique Channel Scope™ band activity display, remote-mount faceplate and many operator selected features, the DR-610T is a transceiver you will be proud to own and operate.

Long-time operators will appreciate the many "extras" such as the RF Attenuator, multiple power output settings and the extended receive capabilities. Newly licensed amateurs will like the easy start-up and programming of the DR-610T. It's a transceiver you'll enjoy now and in the future!

- Channel Scope™ Band Activity Display
- 120 memory channels, expandable to 240
- Cross-band repeat and full duplex capabilities
- Operate V/U, V/V, U/U, U/V
- Remote mount faceplate
- 9600 bps packet terminal
- Two VFOs
- AM Air Band receive
- H/M/L power output settings
- Internal Duplexer
- Multiple Scan Functions
- 20 dB RF attenuator
- MARS/CAP capability (permits required)
- Remote control through DTMF mode



Simple ■ Clean ■ Dependable

ALINCO

AMATEUR RADIO'S VALUE LEADERSM

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Specifications subject to change without notice or obligation. Performance specifications apply only to the Amateur Radio bands. Permits required for MARS/CAP use. Product intended for use by properly licensed operators.

The Alinco DR-610T

Quality and Value in a 2m/440 FM Mobile/base Transceiver



ADVANCED FEATURES

Channel Scope™ Display

Alinco's Channel Scope can show you where the "action" is in VFO or Memory operating modes. Monitor up to 11 different frequencies on a single band or 5 frequencies on two different bands.

120 Memories Standard

Expandable to 240 memories with the EJ-23U Memory Unit. Each memory is capable of recording standard or non-standard repeater offset, CTCSS tone, cross-band mode or extended receive frequency. In addition to the standard memory channels, there is a "call" channel for each band.

Cross-Band Operations

Transmit on one band and receive on the other. Operate cross-band in full duplex or use as a temporary cross-band repeater for special event or emergency use. (Check FCC rules prior to engaging in cross-band operations.)

Remote Mount Flexibility

Use the standard mounting bracket or remote mounting options that allow the separation of the DR-610 front control panel from the main body of the radio. You can mount the main body under a seat, under the dash or in the trunk.

9600 or 1200 bps Packet Operation

The DR-610T is 9600 packet ready with a dedicated port. Work your favorite packet mode on either or both bands!

Internal Antenna Duplexer

Connect the DR-610T directly to a dual-band antenna. You save the expense and space taken by an external duplexer.

VHF/VHF, UHF/UHF Operating Modes

Catch more of the action with V/U, V/V, U/U, U/V operating modes. Saves switching between main and sub bands when every second counts.

MORE Features!

- Attenuator for high intermod environments
- Multiple scanning functions
- S-meter squelch mode
- APO - Automatic Power Off setting
- TOT - Time Out Timer setting
- Sub-band mute function
- LITZ - Long Tone Zero alert feature
- CTCSS encode (decode standard on DR-610TQ model)

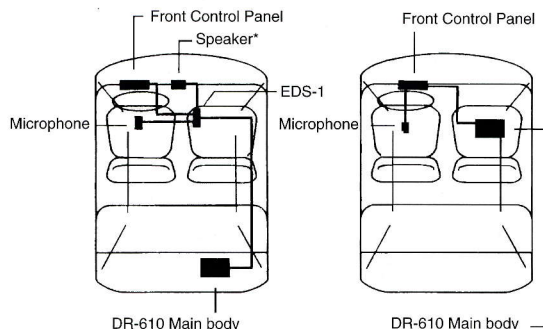
SPECIFICATIONS

Alinco DR-610T VHF + UHF FM Mobile/Base Transceiver

General	
TX Frequency Range	VHF: 144.000 ~ 147.995 MHz UHF: 438.000 ~ 449.995 MHz
RX Frequency Range	VHF: 108.000 ~ 173.995 MHz UHF: 420.000 ~ 470.000 MHz
Modulation	F2E, F3E (NFM); Receive Only: A3E (AM)
Antenna Impedance	50 Ω
Supply Voltage	13.8 VDC
Ground	Negative
TX/RX Current Requirements	TX - VHF: 11.5 A @ 50 watts; UHF: 10.0 A @ 35 watts RX - 1.2 A maximum
Frequency Stability	± 10 ppm max.
Dimensions (HWD)	1.58" X 5.51" X 6.38" or 40mm X 140mm X 162mm
Weight	2.43 lbs. or 1.1 kg
TRANSMITTER	
Output (hi/med/low)	VHF: 50/10/5 watts UHF: 35/10/5 watts (approx.)
Modulator	Reactance
Spurious	-60dB max.
Maximum Deviation	± 5 kHz
Mod. Distortion	3% max. (300 ~ 3000 Hz) @ 60% modulation
Mic. impedance	2k Ω
RECEIVER	
RX System	Double conversion superheterodyne
IF stages	VHF: 45.1 MHz/455 KHz UHF: 58.3 MHz/455 KHz
Sensitivity/Band @ 12dB SINAD	Main Band: -16dBμ (0.16μV) or less Sub Band: -13dBμ (0.22 μV) or less
Selectivity	-6dB: 12 KHz min.; -60dB: 28 KHz max.
Squelch Sensitivity	-20dBμ (0.1mV or less)
AF Output	2 watts or more (8 Ω load) @ 5% distortion
AF output impedance	8 Ω

OPTIONS

- EDS-1 Remote Mounting Junction Box
- EDS-2 Remote Mounting Cable (Two required if used with EDS-1)
- EDS-3 Remote Mounting Cable (15 ft.)
- EBC-8 Remote Front Panel Mounting Bracket
- EJ-23U Additional Memory Unit
- EJ-24U CTCSS Tone Decoder Unit (included in DR-610TQ)



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AUTHORIZED DEALER:



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