

ALINCO

50MHz FM 50W TRANSCEIVER

DR-06TA

29MHz FM 10W TRANSCEIVER

DR-03T



Find the excitement of FM-DX!

Weary of regular 2m QSO via repeaters? With Alinco's new DR-03T/DR-06TA, you will find exciting FM communications on High HF and Low VHF bands! Working DX is possible over a thousand kilometers taking advantage of forms of propagation such as Sporadic-E, F2 reflection and scatters just to name a few. Of course even without favorable propagation conditions, repeaters will keep you communicating with friends just like on the higher bands anyway. By installing the optional EJ-41U TNC board, the DR-06TA can be instantly switched from voice to 1200/9600bps packet operations without the need of a complicated TNC or swapping connections between microphones and data unit.

The easy and smooth operation of DR-03T/06TA is inherited from the popular DR135/235/435 series such as a large display, remote control from the multifunctional back-lit microphone, excellent transmit/receive audio and clean key layout of the control panel. Features like 100 alpha-numeric memories, 39 CTCSS and DCS encode/decode, 3 output level setting, theft alarm, cable-clone and much more are all standard in DR-03T/06TA. Compact, affordable, easy-to-use monoband rigs will make your QSO more enjoyable at home or on the road, so take a closer look at 10m/6m FM, take a closer look at Alinco !

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Catch the Amazing World of Magic-Bands !

Convenient Scan Features

DR-06TA/03T offers the VFO/Memory/Program scans with Busy/Timed setting and Tone scan to search for unknown CTCSS tones.

Variety of Selective Calling Tones

The 39-tone Tone Squelch (Enc/Dec tones separately selectable), DCS, DTMF tones featuring 10 programmable memories (Auto-Dialer) and 4 tone-burst tones, all at No extra cost.

Advanced Features

You name it, they've got it. The direct frequency input and controls of major functions through the back-lit EMS57 key-pad, 3 selectable output levels, Time-Out-Timer, Auto-Power-Off and Busy-Channel-Lockout are all standard features for convenient operation, at home or on the road.

Theft Alarm

Adds an extra level of security to your mobile installation.

Ignition key on/off feature DR-06TA only

Save your battery or be sure your APRS beacons have stopped. A simple connection (with optional connecting cable) is all that's needed.

Options

EMS-53 : Plain microphone
ADUA38 : Spare DC Power Cable
ADFM78 : Spare Bracket

DR-06TA only

EJ-41U : TNC unit
EDC-37 : Key ON/OFF cable

SPECIFICATIONS

General

Frequency range	DR-06TA	50.000 ~ 53.995MHz (RX, TX)	
	DR-03T	28.000 ~ 29.695MHz (RX, TX)	
Operating mode	16K0F3E		
Frequency resolution	5,8,33,10,12.5,15,20,25,30,50		
Memory channel	100channels		
Ant. impedance	50Ω unbalanced		
Frequency stability	±7ppm		
Microphone impedance	2kΩ		
Rated voltage	13.8V DC ±15% (11.7 to 15.8V)		
Current (Approx.)	Transmit	DR-06TA	11A Max DR-03T : 3A Max
	Receive	600mA(Max) 400mA(squelched)	
Operating temperature	-10 °C to 60 °C (14 - 140°F)		
Ground	Negative ground		
Dimensions	142 (W) × 40 (H) × 174 (D) mm (5.58" (W) × 1.57" (H) × 6.83" (D))		
Weight	Approx. 1.0kg (35.3oz)		

Transmitter

Power output	DR-06TA	50W(HI) 20W(MID) approx.5W(LOW)
	DR-03T	10W(HI) 5W(MID) approx.1~4W(LOW)
Modulation	Variable reactance	
Spurious emission	-60dB(DR-06TA) / -50dB(DR-03T) or less	
Max. frequency deviation	DR-06TA	±5kHz(Narrow mode ±2.5kHz)
	DR-03T	±5kHz
Adjacent channel power	-60dB	
Noise and hum ratio	-40dB (-34dB Narrow mode/DR-06TA only)	

Receiver

Circuitry	Double conversion superheterodyne	
Sensitivity	-12dBμ(0.25μV) or less for 12dB SINAD	
Intermediate frequency	1 st	10.7MHz 2 nd 450kHz
Squelch sensitivity	-16.0dBμ(0.1μV)	
Selectivity	-6dB	12KHz or more (6KHz or more Narrow mode)
	-60dB	28KHz or less (16KHz or less Narrow mode)
Audio output	2.0W (8Ω, 10%THD)	
Intermodulation rejection ratio	60dB	
Spurious and image rejection ratio	70dB	

Specifications subject to change without notice or obligation.
Performance specifications apply only to the amateur bands.
Permit required for MARS use.
APRS is a registered trademark of Bob Bruninga, WB4APR.
Check your local regulations prior to operating in F1E digital mode.



DR-06TA **FC IC**



DR-03T (FCC Part.15 approval not required.)

Authorized Dealer:

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