



Features of DR135T/EMkIII

- Revised NEW circuit to be compliant to RoHS/Lead-free order in EU.
- Voice-only FXE-version available (European model only, EJ-41U/47U not usable).
- EJ-41U internal TNC board is available as an option for 1200/9600bps packet
- 50 watts, H/M/L power settings
- 100 memory channels.
- Front panel data port
- Rear panel DSUB9 computer connection
- No need to remove mic for packet operation
- Ignition key on/off feature
- CTCSS, DCS encode+decode, DTMF encode and Tone-burst are all standards
- Clean, clear Alinco audio
- Super-wide 7 character alphanumeric display
- Wide and narrow FM modes (16K0 & 8K50F3E)
- Theft alarm feature
- A large, palm-fitting commercial-grade backlit microphone with a metal connector (not a modular plug) as well as direct frequency input and direct multi-function access such as monitor, call channel, power setting, memory to VFO plus more!
- Stays in mode you select (voice/packet) through power off cycles
- Ten autodial memories
- and more....at Low Alinco price!

Specifications

General

Frequency range:	TX(T): 144-147.995MHz (FM) RX(T): 118-135.995 MHz (AM) 136-173.995MHz (FM) TX&RX(E): 144-145.995MHz
Operating mode:	16K0F3E (FM)/8K50F3E (Narrow-FM) F1(9600bps)/F2(1200bps)/10F3 * 1 /A3E (RX only DR135TMkII)
Channel steps:	5, 8.33, 10, 12.5, 15, 20, 25, 30, 50 KHz
Memory channel:	100 channels + 1 quick recall (CALL)
Antenna impedance:	50ohm unbalanced
Frequency stability:	+/- 2.5ppm TCXO

Power supply requirement:	13.8V DC +/- 15% negative ground
Current drain:	Approx. 11.0A TX High Approx. 0.4A squelched
Usable temperature range:	-10digC to +60digC (+14digF to 140digF)
Dimensions (w/o projection):	142(W) x 40(H) x 174(D) mm 5.59"(W) x 1.57"(H) x 6.85"(D)
Weight:	Approx. 1.0Kg (35.3oz)
Transmitter	
Power Output:	Approx. 50W(HI) Approx. 20W(MID) Approx. 5W(LOW)
Modulation system:	Variable reactance frequency modulation
Spurious emission:	Less than -60dB
Maximum frequency deviation:	+/- 5 KHz (FM) / +/- 2.5 KHz (NFM)
Receiver	
Receive system:	Double-conversion superheterodyne
Sensitivity (-12dB SINAD): *2	Less than -16.0dBu
Intermediate frequency:	1st IF 21.7MHz, 2nd IF 450 KHz
Selectivity: *2	-6dB: 12KHz or more -60dB: 28KHz or less (FM) -6dB: 6KHz or more -60dB: 16KHz or less (NFM)
Audio output power:	More than 2.0W(8ohm 10%THD)
Note:	* 1 Optional units required * 2 Typical within the amateur radio band(s).
Optional Accessories	
Microphones	EMS-53 Plain microphone EMS-57 DTMF/Remote microphone
Separation Cable	
Digital voice unit	EJ-47U
TNC unit	EJ-41U
DC Power supply	DM330MVT (120VAC) 30A switching DM330MVE (240VAC) 25A switching

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