

# ALINCO

Quality. Style. Performance!

VHF/UHF FM Dualband Handheld  
Land Mobile Radio

## DJ-500TB



## Great performance, compact size, and full featured!

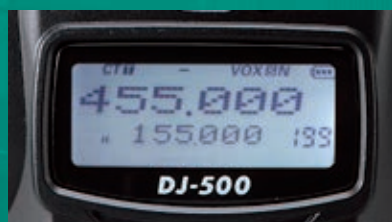
*Full of advanced features, the DJ-500 offers powerful 5W output. CTCSS, DTMF, DCS and 5-tones are standard, along with a variety of tone bursts for repeater access or selective calling.*

*A Li-Ion battery pack and a stand charger are standard, adding power and convenience. The DJ-500 looks simple, but remember, looks can be deceiving!*

- Large, dot-matrix, 3 color-selectable display and keypad
- Semi-Duplex dualband, V/V-U/U and FM broadcast receiver
- 200 channels, any mix of VHF/UHF
- Internal VOX
- Alphanumeric channel labels
- Variety of scanning modes
- IP54 dust/splash proof, MILSPEC vibration/shock compliant
- 12Vdc input using an optional cigar-socket adapter
- High power Li-Ion battery pack, stand charger and beltclip included
- Wire cloning capability



orange



white



sakura(cherry)

Due to the strict rules of FCC/IC, this product is blocked for operation at the moment of delivery to dealers. Dealers program it according to the consumers' demands before installations. If your product shows FAILURE at moment of turning on, please inquire to your dealer about programming. Manual programming is not possible in such condition.

# DJ-500TB FC IC

MIL-STD-810G Compliant  
-Shock: Method 514.6/1,IV  
-Vibration: Method 516.6/1

**RoHS**



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## Advanced Features

### ■ Signaling features

Including DTMF, CTCSS, DCS, 5-tone, Tone-burst tones with Talk-around, Reverse, BCLO, TOT and more!

### ■ Variety of scanning modes

including Programmed, CTCSS/DCS tone, FM broadcast and skip feature.

### ■ Flexible Power Options

Use the standard Li-Ion battery pack or an optional mobile DC cable EDH-40 for continuous 12Vdc operation. The battery pack is rechargeable using 12Vdc through an optional EDC-198 cable and a standard charger.



Standard Accessories



### Standard Accessories (A strap is included)

Whip antenna	Li-ion Battery Pack	Rapid Charger Stand	Belt Clip	AC Adapter
EA-228	EBP-87 7.4V 1500mAh	EDC-189	EBC-34	EDC-191T (120V)

Standard accessories declared herein are our factory default and may vary at moment of sales depending on the market and Dealers' sales policy.



## Specifications

### GENERAL

Frequency range	136.000-174.000MHz / 400.000-480.000MHz RX only 76-108MHz
Modulation	F3E(16K0F3E / 11K0F3E / RX only WFM)
Frequency stability	±2.5ppm
Power supply requirement	7.4V (Battery)
Current drain (Approx.)	1600mA TX / 320mA receive at Max audio output 100mA squelched
Usable temperature range	Operating : -20~+55°C(-4~131°F) / Charging : +5~+40°C (+41~104°F)
Channel step	2.5, 5, 6.25, 10, 12.5, 20, 25, 30 and 50 KHz
Dimensions	59.0W×98.0H×35.0D mm or 2.32W×3.86H×1.38D inches (Projections not included/approx.)
Weight	approx.227g or 8.01oz inclusive of battery pack and antenna

### TRANSMITTER

Output Power (Approx)	Approx.5 / 2.5 / 1W (USA), 5 / 2.5 / 0.2W (Canada)
Frequency Deviation	±5kHz / ±2.5kHz
Spurious emission	- 60dB or less

### RECEIVER

Receiver System	Direct conversion
Sensitivity (12dB SINAD Wide/Narrow)	Wide -12dBu / Narrow -9dBu
Selectivity	-6dB : Wide 12kHz / Narrow 10kHz or more -60dB : Wide 30kHz / Narrow 24kHz or less
Audio output power	1W (10% distortion)

Specifications subject to change without notice or obligation.  
Product intended for use by properly authorized operators.

### Options

<ul style="list-style-type: none"> <li>● Mobile DC cable (EDH-40)</li> <li>● Mobile DC charging cable (EDC-198)</li> </ul>	<ul style="list-style-type: none"> <li>● Earphone Microphone (EME-56A)</li> </ul>	<ul style="list-style-type: none"> <li>● Speaker Microphone (EMS-76)</li> </ul>	<ul style="list-style-type: none"> <li>● Li-ion Battery Pack DC 7.4V 1700mAh (EBP-88)</li> </ul>
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\* Voids IP54 ingress protection when EME-56A and/or EDH-40 are in use.  
Belt clip not included.

Authorized Dealer:

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