

ALINCO DJ-496

Handy UHF 5 watts

Alphanumeric Display Label channels in an easy-reading format. Display frequency, alpha label or channel number only. 40 Memory Channels + Call Channel Plenty of room to store your favorite simplex or repeater frequencies along with alphanumeric label, offset, CTCSS encode/decode or DCS setting. 4 watts output The standard battery allows the DJ-496T to produce up to 4 watts. A power input port

Accepts 13.8 VDC and charges the battery, but won't allow destructive overcharge. CTCSS, DCS, Tone Bursts and DTMF Be prepared for virtually any selective calling situation or gaining access to repeaters with protected inputs. European Tone Bursts include 1000, 1450, 1750 and 2100 Hz. Direct Frequency Input Frequency entry is easy using the well-spaced keypad. S-Meter Displays relative signal strength. Cable Cloning Share identical settings among multiple DJ-496T transceivers. Saves time and ensures uniform operation. Theft Alarm The DJ-496T can be set to emit a tone when disconnected from an external power source until proper action is taken to silence the alarm. Experimental Insect Repel Feature Can the DJ-496T actually repel mosquitoes? Activate the special tone and decide for yourself! You may find the DJ-496T can "de-bug" your outdoor operating site!

SPECIFICATIONS

General DJ-496T Freq. RX original status 420 to 480.995 MHz Freq. Stability +/-5 ppm Antenna Imp. 50 ohm unbalanced Supply Voltage DC 13.8V rated

DC 7.0min to 16V max Ground Negative GND Current consumption TX 5W 1.4A approx. at 13.8V external source RX 200mA approx/280mW

RX squelched 50mA approx.

RX Batt. Save on 20mA approx. Operating Temp. range -10 to +60 degrees C. Dimension w/o projection 56(W) x 124(H) x 40 (D) Weight with EBP-48N Approx. 375g (13.2oz) Transmitter Output power 5W 13.8V or 4W EBP-48N

Low=0.8W Modulation Variable reactance FM Max. Deviation +/- 5kHz Spurious emission less than -60db Microphone Imp. 2k ohms approx.

Receiver Circuit Double superheterodyne 1st IF freq. 45.1Mhz 2nd IF freq. 455khz

Sensitivity 12db SINAD better than -12dBu

(0.25uV or less)

Selectivity more than -6dB/12kHz

less than -60dB/26kHz Audio output power 280mW Audio impedance 8 ohms