



## DJ-596T MKII

### Dual Band Handi-Transceiver



#### SPECIFICATIONS:

**Frequency range:** TX: 144-147.995MHz / 420-449.995MHz RX: 136-173.995MHz / 400-511.995MHz

**Operating mode:** F2(1200bps)/8K50F3E/16k0F3E/F1E(Op: digital)

**Channel steps:** 5, 10, 12.5, 15, 20, 25, 30KHz Memory channel 100 channels + 2 quick recall (CALL)

**Antenna Connector:** BNC (50ohm unbalanced)

**Frequency stability:** +/- 2.5ppm TCXO

**Power supply requirement:** 6.0 - 15.0V DC negative ground

**Current drain:** Approx. 1.2A TX VHF at 13.8V DC

Approx. 1.4A TX UHF at 13.8V DC

Approx. 75mA squelched

Approx. 25mA battery save ON

**Usable temperature range:** -10 - +60c (14 - 140F)

**Dimensions (w/o projection:** EBP-50N battery included) 56mm(W) x 124mm(H) x 36.5mm(D)

2.2"(W) x 4.88"(H) x 1.44"(D)

**Weight:** Approx. 310g (11oz) with EBP-50N and EA98 whip antenna

**CTCSS tone encoder/decoder:** 39 tones

**Digital Coded Squelch encoder/decoder:** 104 codes

#### **Transmitter**

**Output power:** Approx. 5W at 13.8V DC V/UHF

Approx. 4.5W VHF with 9.6V packs

Approx. 4.0W UHF with 9.6V packs

Approx. 2.5W V/UHF with EBP-56N

Approx. 0.8W Low position V/UHF

**Modulation system:** Variable reactance frequency modulation Spurious emission Less than -60 dB

**Maximum frequency deviation:** +/- 5 KHz

#### **Receiver**

**Receive system:** Double-conversion superheterodyne

**Sensitivity:** (-12dB SINAD) Less than -15.0dBu

**Selectivity:** -6dB: 12KHz or more -60dB: 30KHz or less

**Audio output power:** More than 200mW(8ohm 10%THD)