



DJ-C7T

New Generation Credit Card Sized
VHF/UHF DUAL-BAND Micro Transceiver

Features:

- 200 memory channels
- CTCSS tone encoder / decoder standard
- Volume/Squelch control
- Keylock
- Auto power OFF
- Mic/Earphone/DC jack
- TX lamp
- Free offset
- Multiple European tone bursts
- Battery save mode

Frequency Coverage: TX/RX:144-147.995MHz/420-449.995MHz
RX: 88.1-107.995/108-173.995/380-511.995MHz AM/FM/WFM
RX:WFM/FM/AM (where permitted)

Receiver System: Double Conversion Super-heterodyne (WFM: Single CSH)

Channel Step: Auto/5/6.25/8.33/10/12.5/15/20/25/30/50/100/125/200KHz

Memory Channels: 200ch with 5 PS pairs, 1 priority and 1 auto-repeater pair

Tone Encoder: 39 tone encoder standard

Tone Decoder: 39 tone decoder standard

Offset range: 0 ~ 99.995MHz

Deviation: +/- 5KHz

TX Output:: 300mW with EBP58N / 500mW with 6Vdc power-source

TX Spurious emissions: Frequency less than -60dB

Stability: -7 to +3ppm (-10 ~ + 50 degrees C.)

Sensitivity: (12dB SINAD): Selectivity: Ham-bands VHF: -14dBu UHF: -12dBu / WFM -3dBu average
I.F.: +/-12KHz or more(-6dB) +/-35KHz or less (-60dB)

AF output: 1st: 50.85MHz(WFM 10.7MHz) 2nd: 450KHz

Supply Requirements: 100mW or more (MAX), 90mW or more (10% dist. 8 ohm) at 6.0Vdc Power

Current Drain (approx) : 3.7Vdc EBP58N / 3.7 - 6.0Vdc external power source

Operating Temperature: TX: 320mA / RX (squelched): 70mA / RX (BS-on): 19mA

Dimensions: -10 ~ +60 degrees C, 14 ~ 140 degrees F

Weight:: 56(W) x 96(H) x 14.5(D)mm (without projections) or 2.28 x 3.78 x 0.57 inches approx. 102g or 3.59oz antenna/EBP58N inclusive