

Ready for Action

- Output : 5W(VHF) / 4W(UHF) with standard battery*
- Direct frequency input
- 40 Memory channels (160ch on DJ-296/396) + CALL
- Speaker mic / clone and external power jacks
- Scans VFO or memory channels
- Illuminated display and front-panel keys**
- CTCSS (encode + decode / 39 tones)
- DCS (encode + decode / 104 codes)
- DTMF tones with 10ch autodialer
- Tone Bursts (1000.1450.1750 and 2100 Hz)
- S Meter
- Theft Alarm
- Experimental Mosquito repeller
- 6 digit alphanumeric display

* See specifications for details.

** Front-panel illumination not available on 195 T/E versions.



144MHz FM HANDHELD TRANSCEIVER *1

DJ-195
DJ-196
DJ-195R

222MHz FM HANDHELD TRANSCEIVER *2

DJ-296T

380MHz FM HANDHELD TRANSCEIVER

DJ-396

430MHz FM HANDHELD TRANSCEIVER *1

DJ-496



*1 CE FC *2 FC

Specifications

DJ-296 DJ-396

General

- **Frequency coverage:**(DJ-296T)[TX] 222~224.995MHz [RX] 216~249.995MHz (DJ-396TA)[TX/RX] 333.000~399.995MHz
- **Mode:**F3E(FM)
- **Channel steps:**5,10,12.5,15, 20,25,30kHz
- **Memory channels:**160 ch+1channel
- **Antenna connector:**BNC(50Ω unbalanced)
- **Frequency stability:** ±5ppm
- **Power supply requirement:**6.0~16.0V DC(negative ground)
- **Current drain:**Approx. 1.3A TX High(at 13.8V DC)/Approx. 50mA standby/Approx. 20mA Battery save on
- **Usable temperature range:**-10~ +60°C(14~140°F)
- **Dimensions(Projections not included)**:56(W)×124(H)×36.5(D)mm [2.2"(W)×4.88"(H)×1.44"(D)]inches(with EBP-50N)
- **Weight:**Approx. 310g(11oz)(with EBP-50N)
- **Sub audible Tone(CTCSS):**encoder/decoder installed(39tones)

Transmitter

- **Output power:**Approx. 4W with EBP-50N/Approx. 5W at13.8V DC/Approx. 0.8W(Low)
- **Modulation system:**Variable reactance frequency modulation
- **Spurious emissions:**Less than -60dB
- **Max.frequency deviation:**±5kHz

Receiver

- **Receive system:**Double conversion superheterodyne
- **Intermediate frequencies:**1st : 30.85MHz /2nd : 455kHz
- **Sensitivity(12dB SINAD):**Less than -12.0dBμ(0.25μV)
- **Selectivity:**-6dB : 12kHz or more /-60dB : 26kHz or less
- **Audio output power:**(DJ-296) More than 200mW/(DJ-396) More than 450mW(8Ω 10% THD)

Specifications

DJ-493 DJ-496

General

- **Frequency coverage:**[T:TX] 430~449.995MHz [T:RX] 420~460MHz [E:TX/RX] 430~439.995MHz
- **Mode:**F3E(FM)
- **Channel steps:**5,10,12.5,15,20,25, 30kHz
- **Memory channels:**40 ch+1channel
- **Antenna connector:**BNC(50Ω unbalanced)
- **Frequency stability:** ±5ppm
- **Power supply requirement:**7.0~16.0V DC(negative ground)
- **Current drain:**Approx. 1.4A TX High(at 13.8V DC)/Approx. 50mA standby/Approx. 20mA Battery save on
- **Usable temperature range:**-10~ +60°C(14~140°F)
- **Dimensions(Projections not included)**:56(W)×124(H)×36.5(D)mm [2.2"(W)×4.88"(H)×1.44"(D)]inches(with EBP-50N)
- **Weight:**Approx. 310g(11oz)(with EBP-50N)
- **Sub audible Tone(CTCSS):**encoder/decoder installed(39tones)

Transmitter

- **Output power:**Approx. 4W with EBP-50N/Approx. 5W at13.8V DC/Approx. 0.8W(Low)
- **Modulation system:**Variable reactance frequency modulation
- **Spurious emissions:**Less than -60dB
- **Max.frequency deviation:**±5kHz

Receiver

- **Receive system:**Double conversion superheterodyne
- **Intermediate frequencies:**1st : 45.1MHz /2nd : 455kHz
- **Sensitivity(12dB SINAD):**Less than -12.0dBμ(0.25μV)
- **Selectivity:**-6dB : 12kHz or more /-60dB : 26kHz or less
- **Audio output power:**More than 200mW(8Ω 10% THD)