

TH-V8200-EG

VHF Transceiver

- 5W Output Power
- CTCSS/DCS encoding and decoding
- DTMF encoding and decoding
- Remote kill/stun and activated
- 256 channels
- Wide/narrow band selectable
- IP67 waterproof function
- Non-standard CTCSS/DCS keypad input
- PTT ID
- 1750Hz tone
- Man down
- PC program
- Voice prompt
- 1.77Inch color display
- Emergency alarm



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VHF Transceiver

Main Functions

- CTCSS/DCS encoding and decoding
- DTMF encoding and decoding
- Remote kill/stun and activated
- 256 channels
- FM radio function
- Wide/narrow band selectable
- 1.77inch color display
- Non-standard CTCSS/DCS keypad input
- PTT ID
- 1750Hz tone
- Man down
- PC program
- Voice prompt
- Emergency alarm

| General | | Transmitter | | Receiver | |
|---------------------|----------------------|---------------------------------------|---|-------------------------------------|---------------------|
| Frequency Range | 136-174MHz | RF power | High: 5W Low:1W | Reference Sensitivity | -122dBm(12dB SINAD) |
| Frequency Stability | ±2.5PPm | Modulation Type (Wide/Narrow band) | 16KΦF3E/11 KΦF3E | Audio power | 1 W |
| Channel Capacity | 256 channels | Max. Fr. deviation (Wide/Narrow band) | ≤ 5KHZ/ ≤ 2.5KHZ | Audio Distortion | <5% |
| Operating Voltage | DC 7.2V | Adjacent Ch. power (Wide/Narrow band) | ≤-65dB/≤-60dB | Blocking | ≥85 |
| Antenna | High gain antenna | Spurious Power | ≤7μW | Inter-modulation (Wide/Narrow band) | ≥60dB ≥55dB |
| Antenna Impedance | 50Ω | pre-emphasis character | 6dB/Each frequency doubling the increment | Adjacent Ch.Selection | ≥65dB ≥60 dB |
| Mode of operation | Simplex | Modulated noise | <-40dB | | |
| Dimension(HxWxD) | 123.31×28.84×35.93mm | Current | ≤2.8A(10W) ≤1.8A(5W) | | |
| | | DCS/CTCSS frequency deviation | 0.6KHZ±0.15KHZ, 0.4KHZ±0.1KHZ | | |
| | | Intermediation sensitivity | 8~12mV | | |
| | | Modulation distortion | <5% | | |

Application scope:

Tourism, entertainment, restaurant, hotel, shopping hall Government, Police, public security

Standard Accessories



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