

chierda®

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TC338D

Function Characteristics

- Digital DMR mode
- Remote monitoring
- Low battery reminder
- VCH/EN Voice
- Digital-analog automatic information
- Voice encryption
- Push to talk SMS
- Timing reminder
- Super long recording function
- Remote Kill and Remote active
- Voice companding
- Battery power broadcast
- Waterproof optional
- Emergency mode
- Scanning
- Type-C charging
- Talk around/repeater function
- VOX

General Indicator

| GENERAL | | TRANSMITTER | | RECEIVER | |
|--|-----------------|----------------------------|---|--|--|
| Frequency Range | 400-480MHz | Frequency stability | ± 1.0ppm | Analog intercom reception sensitivity | 0.35uV/-116dBm (20dB SINAD) 0.22uV/-120dBm (Type) |
| Channel | 512 (32zone) | Transmitter power | 5W | Digital intercom reception sensitivity | 0.3uV/-117.4dBm(BER 5%) 0.7uV/-110dBm(BER 1%) |
| Channel spacing | 12.5kHz/25kHz | FM noise | -40dB@ 12.5kHz | Block | 84dB |
| Operating Voltage | 7.4V DC | Spurious emissions | <-36dBm@ 1GHz >-30dBm@ 1GHz | Adjacent selectivity | TIA603C:-65dB ETSI:-60dB |
| Operating temperature | -20 ~ +60° C | Adjacent channel selection | -60dBm@ 12.5kHz | Audio power | ≥ 500mW |
| Storage temperature | -40 ~ +85° C | Modulation | FM | Audio response | +1dB ~ -3dB |
| Antenna impedance | 50 Ω | Vocoder type | AMBE+2TM | Receive spurious emissions | ≤ -57dBm@ 30MHz ~ 1GHz ≤ -47dBm@ 1GHz ~ 12.75GHz |
| Battery capacity | 2800mAh | 4FSK digital modulation | 12.5kHz (data only) 12.5kHz (data+voice) | Rated audio distortion | ≤ 3% (Type) |
| Dimensions (excluding knobs and antenna) | 126.5*57*37.9mm | Modulation limits | 2.5kHz@ 12.5kHz 5kHz@ 25kHz | False reaction | TIA603C:-65dB ETSI:-65dB |
| | | Audio response | +1dB ~ -3dB | | |
| | | Rated audio distortion | ≤ 5 % | | |
| | | Digital agreement | ETSI TS 102361-1,-2,-3 | | |

Standard Accessory



Quanzhou Chierda Electronic Telecom Co.,Ltd.



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DMR Two-Way Radio



IP67 Waterproof Recording function (Optional) VCH/EN Voice ARC4 & AES256

