



TC338D

DMR Two-Way Radio



IP67 Waterproof



Recording function
(Optional)



VCH/EN Voice



ARC4 & AES256



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	10W	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



Antenna



Battery
Type-C charging



Charging
cable



Adapter



Charger



Belt clip



Lanyard

Quanzhou Chierda Electronic Telecom Co.,Ltd.