

STANDARD CONFIGURATION



Charger



Antenna



Adapter(12V/1A)



Belt clip



Li-polymer battery  
2400mAh



Strap

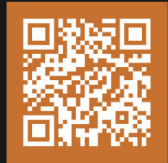
OPTIONAL SELECTION



Programming cable  
(USB port)



Website



DM

TST-601P DMR Radio	
General	
Frequency Range	400-470MHz/136-174MHz
Channel Capacity	256
Zone Capacity	16
Zone Channels	16
Channel Spacing	12.5kHz / 20kHz/25kHz
Operating Voltage	7.4V (rated)
Battery	1500 mAh Li-ion
Battery Life(5/5/90)	15h (GNSS OFF) 13h (GNSS ON)
Dimensions (H x W x D)	119 x 55 x 30.5mm (TBD)
Weight (with antenna & battery)	265g (TBD)
Receiver	
Rated Audio Power Output	0.5W
Rated Audio Distortion	≤3%
Sensitivity	Analog: 0.16μV(Typical)
	Digital: 0.18μV/BER5%
Adjacent Channel Selectivity	TIA-603: 60dB@12.5kHz / 70dB@20/25kHz
	ETSI: 60dB@12.5kHz / 70dB@20/25kHz
Intermodulation	TIA-603: 70dB
	ETSI: 65dB
Spurious Response Rejection	70dB
Transmitter	
Digital Vocoder Type	AMBE+2TM
Audio Distortion	≤3%
RF Power Output	UHF:1W/4W
FM Hum & Noise	11K0F3E@12.5kHz; 14K0F3E@20kHz; 16K0F3E@25kHz
Conducted/Radiated Emission	-36dBm<1GHz; -30dBm>1GHz
FM Hum & Noise	40dB @ 12.5kHz; 43dB @ 20kHz 45dB @ 25kHz
Adjacent Channel Power	60dB @ 12.5kHz; 70dB @ 20/25kHz
Environment	
Operating Temperature	*-30°C~+60°C
Storage Temperature	-40°C~+85°C
ESD	IEC 61000-4-2 (Level 4) ±8kV ( Contact) ±15kV (Air)
Dustproof & Waterproof	IEC60529 IP67
Shock and Vibration	Per MIL-STD-810H Standard
Location Services	
GNSS	GPS, GPS+GLONASS, GPS+BDS
Horizon Accuracy	<5 meters
*Radio only - Battery -20°C	

PROFESSIONAL DMR PORTABLE  
TWO-WAY RADIO EMPOWER YOUR OPERATION



TST-601P





# EMPOWER YOUR WORK

TST-601P is a new professional portable two-way radio, which can provide reliable voice communication for high-end office buildings, sports venues, industrial parks, schools, hospitals, etc.

With ease of use designed, two dedicated knobs for volume and channel control increase your efficiency. Universal Type-C ports make programming, upgrading, and charging easier.

Reliability stands the test. The TST-601P is durable enough to withstand dust, heat, shock and water and is IP67 and MIL-STD-810H certified. Excellent sensitivity ensures stable communication in challenging environments.



## Clear Audio

The TST-601P delivers clear sound in any environment. Excellent noise cancellation technology suppresses any annoying feedback whistles and filters out unwanted ambient noise.

## Excellent Communication Distance

When communicating over a long distance, you may experience a deterioration in communication quality due to weak radio signals. The TST-601P's high sensitivity provides excellent communication coverage. It ensures reliable communication even at the edge of coverage where the signal is weak.

## Multifunctional Port

Simply by sharing the same USB cable as your smartphone device, you can charge your radio, use a mobile power or car charger or burn and upgrade your radio.

## Easier to Use

The TST-601P features dedicated dual knobs for volume and channel control to increase your efficiency. The enlarged LED indicator allows you to see the radio status at a glance whether you are holding it in your hand, shoulder or waist. A U-shaped slot on the back of the battery makes it easier to install or remove belt clips.

## Durable and Reliable

The TST-601P is designed to withstand the harsh conditions of a wide range of work sites. This rugged radio is IP67 rated and complies with the strict MIL-STD-810H standard for dust and water resistance, vibration, 1.5 meter drops, extreme temperatures and more.

## Operating Modes

- Analog conventional
- Digital conventional

## Voice Service

- Private Call
- Group Call
- All Call
- Emergency Call
- Time-out Timer

## Security

- Emergency Alarm
- Lone Worker
- Authentication
- Basic Encryption
- Radio Disable/Enable

## Supplementary Services

- Roam
- Remote Monitor
- Voice Broadcast
- Scan
- RRS
- Voice Recording

## Special Services

- Priority Call
- Mixed Channel
- Voice Buffer

