



## TH510 DMR Two-way Radio

- Full Compatibility with DMR Tier II
- Hidden Segment LED Display
- Up to 8 Watt Transmit Power
- VOX Transmit Technology
- IP67 Protection Level
- AES128/256 Security Protection
- Loud Voice Speaker

## SPECIFICATIONS

General	
<b>Frequency Range</b>	UHF 400 ~ 480MHz
<b>Channel Capacity</b>	198
<b>Channel Space</b>	12.5KHz / 25KHz
<b>Frequency Stability</b>	±1ppm
<b>Display</b>	Hidden Segment LED
<b>Battery Capacity</b>	2000mAh
<b>Work Voltage</b>	7.4V
<b>Dock Charger</b>	Support
<b>Security</b>	AES128/256 Encryption
<b>Vocoder</b>	AMBE++
<b>Dimension</b>	142 × 65 × 38.5mm
<b>Weight</b>	320g (with Battery and Antenna)

Reliability	
<b>Operation Temperature</b>	-20°C ~ +60°C
<b>Storage Temperature</b>	-30°C ~ +70°C
<b>IP Rating</b>	IP67

Transmitter	
<b>RF Power</b>	8W (High) / 4W (Low)
<b>4FSK Modulation</b>	7K60FXD (Data Only) 7K60FXW (Data and Voice)
<b>FM Modulation</b>	11KΦF3E@12.5KHz 16KΦF3E@25KHz
<b>Adjacent Channel Power</b>	≥ 60dB@12.5KHz ≥ 70dB@25KHz

Receiver	
<b>Sensitivity</b>	-121dBm @12dB SIND (Analogue) -117dBm @ BER 1% (Digital)
<b>Intermodulation</b>	≥ 65dB
<b>Spurious Rejection</b>	≥ 70dB
<b>Rated Audio</b>	1W
<b>Audio Distortion</b>	< 5%
<b>Hum and Noise</b>	≥ 40dB@12.5KHz ≥ 45dB@25KHz

## ACCESSORIES

					
Battery	Power Adapter	Antenna	Back Clip	Dock Charger	User Manual

### SHENZHEN SUNTOR TECHNOLOGY CO., LTD.

**OFFICE:** 3/F, Lifeng Building, 42# of Liuxian 1st Road, Bao'an 71st District, Shenzhen, P.C. 518101, China

**FACTORY:** 4F/A5 Guanlan Silicon Valley Power, Guiyue Road, Longhua District, Shenzhen, P.C. 518110, China

**EMAIL:** sales@suntor-intl.com / gabriel@suntor-intl.com

**MOBILE:** +86 135 9021 5519 / +86 189 3894 5567