



## **TYT Electronics Co., Ltd.**

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**TYT-777**



## **Main Functions:**

128 groups of memory channels

2tone/5tone code

Scrambler (optional)

Reverse frequency function

Automatic numbering identification (ANI)

Priority scan

Voice prompt

PC Programmable

Emergency alarm

Low battery alarm

Hi-low power control

Transmit time limiter

TOT (Time-out-timer)

Channel name setting

Group calls/selective calls

BCL (Busy channel lock)

Wide/narrow band selection

Tri-color backlight adjustable

Selectable squelch grade setting

VOX function, Voice security device

Multi and priority channel scan function

## Technical parameters

Item number	TYT-777
<b>General</b>	
Frequency Range	136~174MHz/350-390MHz/400-470/465-520MHz(optional)
Channel Capacity	128
Channel Spacing	5 kHz/6.25kHz/10 kHz / 12.5kHz/25.0kHz
Frequency Stability	±2.5ppm
Operating Temperature	-25~+60℃
Antenna Impedance	50Ω
Operating Voltage	7.2V
Dimensions (W×H×D)	115x 56x 30mm
Weight	220g(Include battery & antenna)
Battery	1100/1300mAh (Li-ion Battery)
<b>Transmitter</b>	
RF output power	4W/5W
Modulation Type	16kΦF3E
Modulation Limiting	≤5kHz
Modulation Character	+3dB / -3dB
Spurious Radiation	0.75μW
Adjacent Ch. power	≥65dB
Max Fr. Deviation	≤5kHz
Occupied Bandwidth	≤16KHz
<b>Receiver</b>	
Receiving Sensitivity	0.25μV
Adjacent Ch. Selectivity	60dB
Inter-modulation	60dB
Co-channel suppression	-8dB
Audio Response	+2dB -10dB
Audio Output	500mW
Audio Distortion	≤3%

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