



# TYT Electronics Co., Ltd.

## Technical parameters

Item Number	TYT-500
<b>General</b>	
Frequency Range	400-470MHz
Channel Capacity	16
Channel Spacing	5 kHz /10 kHz / 12.5kHz/25.0kHz
Frequency Stability	±5PPM
Operating Temperature	-15~+60℃
Antenna Impedance	50Ω
Operating Voltage	7.2V
Dimensions (W×H×D)	114x57x33mm
Weight	190g(Include battery & antenna)
Battery	1100/1300mAh(Li-ion battery)
<b>Transmitter</b>	
RF output power	2W/5W
Modulation Type	16kΦF3E
Modulation Limiting	≤5kHz
Modulation Sensitivity	12mV
Spurious Emissions	0.75μW
Adjacent Ch. power	≥65dB
Max Fr. Deviation	≤5kHz
Remnant Modulation	≤-35dB
<b>Receiver</b>	
Receiving Sensitivity	0.25μV
Adjacent Ch. Selectivity	≥65dB
Inte-rmediation	≥60dB
Audio Response	+2dB -10dB
Audio Output	≥500mW
Audio Distortion	≤10%
S/N	45dB