



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

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**TYT-300**



## **Main Functions:**

Frequency range: 136-174MHz, 400-420MHz, 430-450MHz, 450-470MHz (optional)

Channel:16

Output Power: 5W

Channel spacing: 5 KHz/ 10KHz / 12.5 KHz/ 25KHZ

CTCSS/DCS function

Chinese and English voice instructions are available for your option

Transmit time limit

Can be used 70 hours in await

Power-saving function of battery

Battery capacity prompt function

Voice prompt function

Alarm and rescue function

Setting of squelch level

Setting of MONI key

Channel scanning

Cloning

Functions of manual voice menu

busy channel lockout function

## Technical parameters

Item Number	TYT-300
<b>General</b>	
Frequency Range	136-174/400-420/430-450/450-470KHz (optional)
Channel Capacity	199 channels
Channel Spacing	5/6.25/10/12.5kHz/25.0kHz/30kHz/50kHz
Frequency Stability	±2.5ppm
Operating Temperature	-25~+60℃
Antenna Impedance	50Ω
Operating Voltage	7.2V
Dimensions (W×H×D)	115x 54x 35mm
Weight	200g(Include battery & antenna)
Battery	1100/1300mAh (Li-ion Battery)
<b>Transmitter</b>	
RF output power	2W/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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