Model：TH-2R (Ronson RT-88)

Band : VHF

Description: The TYT TH-2R/RT-88 is so small that you can slip it in your pocket and forget it's there. It has 108 memory channels, FM radio, scrambler, & direct frequency input. Included repeater offset, shift direction, and CTCSS/DCS make setting up the radio for ham use quick and easy. Advanced functions, high performance / price ratio, and its USB charging makes for a small but attractive radio.

▪ **FM radio and 25 stations storage**	▪ **5/6.25/12.5/25/50/100K Steps**
▪ **Voice compression**	▪ **End of tone**
▪ **Repeater offset**	▪ **Priority channel scan**
▪ **Channel name edit**	▪ **VFO & Memory mode monitor**
▪ **Multi scan mode**	▪ **Transmitter time-out timer(TOT)**
▪ **RX battery saver**	▪ **Automatic power off(APO)**
▪ **Repeater access 1750Hz burst tone**	▪ **Wire clone & PC programmable**
▪ **Wide/Narrow Band(25kHz/12.5kHz)**	▪ **Emergency Alarm**
▪ **0~9 grade VOX selectable**	▪ **CTCSS/DCS and tone search**
▪ **Battery capacity management**	▪ **Multi-function side key**
▪ **USB charging**	▪ **Full frequency design**

Frequency Range	70-108MHz(FM Receive only) 136-174MHz RX/TX
Channel No.	108
Frequency Stability	±2.5ppm
Antenna	High gain antenna
Antenna Impedance	50Ω
Operating Voltage	DC 3.6V
Mode of operation	Simple or semi-duplex
Dimension（W x H x D）	84 x 48 x 26 mm
Weight	190g（including battery, antenna）
Transmitter	
Output power	≥2W(H) ≥0.5W(L)
Modulation Mode	16kΦF3E / 11kΦF3E
Maximum deviation	＜5kHz(Wide) / ＜2.5kHz(Narrow)
Spurious Radiation	＜7μW
Adjacent Ch. power	≤-65dB(Wide) / ≤-60dB(Narrow)
Pre-emphasis characteristics	6dB
Current	≤1.6A(5W)
CTCSS/DCS deviation	0.5±0.1kHz(Wide) / 0.3±0.1kHz(Narrow)
Intermediation sensitivity	8-12mv
Intermediation distortion	＜10%
Receiver	
RF Sensitivity	-122dbm(12db SINAD)
Audio power	≥0.5W
Audio Distortion	≤10%
Intermediation	≤-65dB(Wide) / ≤-60dB(Narrow)
Selectivity	≤-65dB(Wide) / ≤-60dB(Narrow)
Spurious Rejection	≤-65dB
Blocking	≥85dBuv/m