

YANTON®

PROFESSIONAL FM TRANSCEIVER

IP67 WATERPROOF · DUSTPROOF
SHOCKPROOF

PROFESSIONAL FM TRANSCEIVER

T-850-ME



FEATURES

Wide/Narrow Bandwidth 12.5KHz/25KHz
CTCSS&DCS non-standard code
DTMF/PTT ID
2 Tone/5 Tone
Remote Kill, Stun, Activate&Revive

1W/5W High/Low Power



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SPECIFICATION

GENERAL

Frequency Range	VHF: 136-174MHz
Weight	232g (Include Antenna & Battery)
Operating Temperature	-25°C~+55°C
Frequency Spacing	25/12.5KHz
Frequency Stability	±2.5ppm
Channel Capacity	16 Group
Working voltage	7.4V
Battery capacity	2800mAh Li-ion battery
Antenna Impedance	50Ω
Dimension	150mm×70mm×40mm

TRANSMITTER (ETSI EN 300 086 standard testing)

Output power	1W/5W
Modulation Mode	16KΦF3E / 8KΦF3E
Modulation Limited	±5KHz/±2.5KHz
Audio Distortion	≤5%
Residual frequency modulation	-45dB/-40dB
Adjacent Channel Power	-70dB/-60dB
Spurious and Harmonic Wave	-36dBm<1GHz -30dBm>1GHz

RECEIVER (ETSI EN 300 086 standard testing)

Receiving Sensitivity	≤0.18uV / 0.22uV
Adjacent Channels Selectivity	≥70dB/60dB
Intermediation	≥60dB
Spurious Response	≥70dB
SNR	≥50/45dB
Audio Output Power	1W
Audio Distortion	≤5%

Notice: Saving your presence, no additional notice will be sent if specification changes because of technology-improving.

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