



5W High Power Professional FM Transceiver



Hands-Free VOX

- 2000mAh Li-ion Battery
- CTCSS/DCS User Defined
- 8 Groups Scrambler
- Voice Comander
- DCS Frequency Hopping

TD-666

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Professional FM Transceiver

Main Features

- 2000mAh Li-ion Battery
- CTCSS/DCS User Defined
- 8 Groups Scrambler
- Voice Comander
- DCS Frequency Hopping
- VOX Hands-Free
- Scan
- Busy Channel Lock
- Time out Timer

Accessories



Arusha (Head Office):

Kwa Ngulelo Area, Baraa.
Block 169G Nazareth Street.
P.O. Box 15360, Arusha, Tanzania.
Tel: +255 776 222 000 | +255 777 101 222
Email: info@radiowave.co.tz
GPS Co-ordinates: -3.3685, 36.7288

Dar es Salaam (Sales Center):

Ali Hassan Mwinyi,
Junction to Ruhinde Street,
Mbuyuni, Opposite Don Bosco.
Tel: +255 22 666 038 | +255 772 775 775
Email: salescentre@radiowave.co.tz
GPS Co-ordinates: -6.7804, 39.2729

For more info, visit us: www.radiowave.co.tz

General

Frequency Range	VHF: 136-174MHz UHF: 400-520MHz
Channel Capacity	16
Channel Spacing	12.5/25.0KHz
Operation Voltage	7.4V
Battery Capacity	2000mAh (Li-ion)
Battery Life (5-5-90 Duty Cycle)	About 20Hours
Frequency Stability	± 2.5ppm
Operating Temperature	-20 ~ +60°C
Antenna Impedance	50 Ω
Dimension (HxWxD) (Without Antenna)	113 x 51 x 32mm
Weight (With Antenna & Battery)	261g

Transmitter

RF Power Output	VHF:5W/1W,UHF: 5W/1W
Modulation Type	F3E
Spurious and Harmonics	-36dBm<1GHz; -30dBm>1GHz
FM Noise	45/40dB
Audio Distortion	≤5%
Modulation Limiting	± 2.5KHz@12.5KHz; ± 5.0KHz@25KHz
Audio Response	+1 to -3dB

Receiver

Sensitivity	≤0.30/0.20μV
Adjacent Channel Selectivity	60/70dB
Intermodulation	65dB
Spurious Response Rejection	70dB
S/N	45/40dB
Audio Power Output	600mW
Audio Distortion	≤5%

Above specifications are tested according to TIA/EIA-603.
Above specifications are subject to change without notice due to technology enhancement.