

HANDHELD RADIO TX2000U

IP67 DUST
& WATER-PROOF RADIO

SPECIFICATIONS

General Specifications

Frequency Range	400~470MHz
Number of Channels	512CH / 16 Group
Channel Spacing	12.5KHz / 25KHz
Antenna Impedance	50Ω
Power Supply	7.4V (Li-ion Battery)
Current Drain	TX: High 1.6A, Low 0.7A RX: 360mA, Standby 57mA
Operating Temp. Range	-20°C ~ +60°C
Dimension	57(W)x116(H)x39(D)mm
Weight	224.5g
Average Battery Life	15Hours
PLL Step	6.25KHz
Battery Capacity	2200mAh
IP Level	IP67
Environmental Sealing	MIL-STD-810-C,D,E&F and IP67
Shock and Vibration	Impact resistant housing exceeding MIL-STD-810-C,D,E&F and TIA/EIA603
Dust and Humidity	Environment resistant housing exceeding MIL-STD-810-C,D,E&F and TIA/EIA603



TRANSMITTER SPECIFICATIONS(NARROW BAND)

Power	HI : 5W, LOW : 1W
Frequency Stability	less than ±3ppm
Max Frequency Deviation	±2.5 KHz
TX distortion	less than 5%
Spurious Emission	less than -36dBm
FM Hum and Noise	more than 45dB
Adjacent Channel Power	less than 20μV
Audio Response	6dB/OCT (+1dB, -3dB) Pre-emphasis (300 ~ 3000Hz)

RECEIVER SPECIFICATIONS(NARROW BAND)

Sensitivity	0.2μV
Receiver IF Frequency	1st IF : 46.35MHz, 2nd IF:450KHz
Inter Modulation Distortion	more than 65dB
Spurious Response	more than 70dB
Adjacent Channel Selectivity	more than 60dB
RX distortion	less than 5%
FM Hum and Noise	more than 45dB (70dB With Componder)
Audio Output Power	1200mW (16Ω load)

SUPPLIED ACCESSORIES

Antenna
(TAN-1100)



Battery
(TBP-2207L)



Charging Cradle
(TCG-1010FD)



Power Adaptor
(TCGA-1007DC)



OPTIONAL ACCESSORIES

Car Adaptor
(ACG-3311D)



Earset
(AES-4212TTRS)



Speaker Microphone
(AMC-3010R)



Program Cable
(TPC-5000U)



Cloning Cable
(TCC-1000)



Bluetooth Headset
(AHS-1000)



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IP67 DUST & WATER-PROOF RADIO

IP 67 Submersible Unit

TX-2000U is IP67 level certified water-proof and submersible radio in connection with the TTI's proven rugged mechanical technology to follow the military standard.

Optional Bluetooth Compatible Operation

Perfectly compatible with any of standard market purchasible bluetooth headsets, this radio offers the up-to-dated hands free solution.

Heavy Duty Battery Pack (2200mAh)

Five(5) Tone and Two(2) Tone System

5 tone and 2 tone modes offer selective calling and many convenient operations. The 5 tone also makes it possible to remotely control the stun and kill fuction or revive the stunned radio.

Scrambler

The imbedded scrambler protects your converstaion from any other party.

Compander

The compander supports you with noise-free comfortable listening. This is useful especially when a headset is exploited.

Dual Pocket Charging System

Two battey packs can be charged in one desk top charger with two pockets arranged.

Your convenience is maximized upon abnormally high battery consumption being required.

Features

- > UHF Band (400-470MHz)
- > PC Programmable
- > 512 Channels
- > 52CTCSS & 208 DCS with 10 Additional User Codable Tones
- > 1W/5W Output Power Radio
- > 5 tone and 2 tone
- > 12.5KHz /25KHz Step
- > Alpha-numeric Channel Display
- > Break-in function
- > Preamble DTMF Tone
- > Dual Pocket Quick Charger
- > Clone Function
- > Quiet Talk Function
- > IP67 Water Proof Level
- > Optional Heavy Duty Battery Pack (2200mAh)

