

TSP2100/2400 COMPACT PORTABLE RADIOS



Introducing the TSP2100 and TSP2400 compact portables from Team Simoco, with high functionality, 3 year warranty and an attractive market price.

The TSP radios are a compact fully featured range of PMR handsets suited for the general commercial market, including security, shopping centres, leisure, corporate and public sectors.

The range is comprised of four models, the TSP2100A and TSP2100B are VHF and the 2400A and 2400B are UHF.

Weighing in at 285grams and measuring just 111mm high these conventional PMR handsets are among the smallest available on the market and come with a high specification. This includes 128 channels and 16 groups with a large graphic LCD capable of displaying 32 characters for channel and group select and automatic number identification (ANI).

Features

- Wide Band Coverage
- Key-Lock Function for security
- DTMF & 5-Tone Caller ID Display
- Password Function
- Simple PC Programming and Cloning Capability
- CTCSS/DCS Encode and Decode
- Li-ion Dual Desktop Charger
- Li-ion 6-way Desktop Charger
- VOX Hands-Free (External)
- Temperature Compensation Function
- Dual SCAN
- Range of Accessories



TSP2100/2400



SPECIFICATIONS

TSP2100A/B AND TSP2400A/B

Team Simoco

TSP-2100A/2100B (VHF)

TSP-2400A/2400B (UHF)

1. General

Frequency Range	TSP-2100A (136 ~ 162 MHz) TSP-2100B (146 ~ 174 MHz)	TSP-2400A (400 ~ 440 MHz) TSP-2400B (430 ~ 470 MHz)
Number of Channels	128CH & 16 Groups	
Channel Spacing	12.5KHz / 25KHz, Selectable in 5Hz or 6.25KHz Steps	
Antenna Impedance	Hellical Antenna, 50Ω	WHIP Antenna, 50Ω
Battery Voltage	7.5V DC (NI-MH / Li-ion)	
Power Consumption	Tx (5.0W) -- Less than 1.8A Rx (1.0W) -- Less than 300mA Rx Standby -- Less than 65mA	Tx (5.0W) -- Less than 1.8A Rx (1.0W) -- Less than 300mA RX Standby -- Less than 65mA
Operating Temperature	-30 ~ 60°C	
Size	55 mm(W) x 38mm (D) x 111mm (H) (Li-ion Battery included)	
Weight	285g (including Li-ion Battery)	
Battery Options	High capacity 1,700mA Li-ion Battery (W't 119g)	
Battery Life	>9.5 hours typical, high transmit power (1700mAH Li-ion battery)	

2. Transmitter

Power Output	HI (5.0W) LOW (1.0W)	HI (4.0W) LOW (1.0W)
Type of Emission	11K0F3E/16K0F3E	
Oscillation Method	PLL frequency Synthesizer	
Frequency Stability	±2.5ppm	
Audio Distortion	Less than 5% at 1KHz	
Spurious & Harmonic Emissions	-65dBc	
Hum & Noise	-40dB (12.5KHz) / -45dB (25KHz)	

3. Receiver

Sensitivity (12dB SINAD)	0.25μV (-119dBm)
Squelch Sensitivity	0.2μV (-121dBm)
Spurious response	70dB
Selectivity	60dB (12.5KHz) / 65dB (25KHz)
IMD	60dB (12.5KHz) / 65dB (25KHz)
Audio Distortion	Less than 5% at 1KHz
Hum & Noise	-40dB (12.5KHz) / -45dB (25KHz)
Max. Audio Output	1.0W (16Ω)

For additional information on this or any other Team Simoco product, visit our web site at:
www.teamsimoco.com

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