



# Xfin Portable

## Xfin Portable Radio

The Xfin Portable has been designed for the rapidly growing areas in radio communication to the Public Safety & Emergency Services.

Designed as a rugged yet ergonomic unit the Xfin Portable meets today's operational needs for both emergency services & commercial users.



- ✦ Rugged, Professional Conventional or MPT1327 Trunked Radio
- ✦ Small Size; Only 120mm (H) x 63mm (W) x 44mm (D)
- ✦ Meets IP54, MILSTD810 C/D/E
- ✦ High Capacity Battery; 1750mAh Lithium battery with charger
- ✦ Top Mounted, Pre-programmable Emergency Button
- ✦ 1024 Traffic Channels
- ✦ Large LCD and Keypad
- ✦ Power, Tx/Rx, Messages, Keylock, Service etc
- ✦ Side mounted Accessory Connector
- ✦ 12.5KHz/25KHz Programmable channel spacing



## SPECIFICATIONS

# XFIN Portable



### 1. General

Frequency	420~470 MHz.
Environ Protection	IP54, MIL STD 810. C/D/E
Channel Spacing	25 kHz / 12.5 kHz
Conventional Channels	32
Temperature	-30 to +60
Antenna Impedence	50Ω
Microphone Impedence	2000Ω
Frequency Stability	2.5ppm
Type Approval	EN300 086 Radio, EN300 113 Data, EN301 489-5 EMC, EN300 219 Sig.
Dimensions & Weight (Inc Battery)	63mm x 120mm x 44mm 413g with Battery & Antenna
Power Requirement	Battery Model :1750mAH Li-ion,DC 7.2v

### 2. Transmitter

Transmit Power	4W (H)/ 1W (L)
Spurious and harmonics	-70dB
FM Noise (300~3000Hz)	-45dB (wide) / -40dB (narrow)
Audio Distortion (300~3000Hz)	3%
Max Frequency Deviation	5kHz (wide) 2.5kHz (narrow)
Audio Response	+3dB

### 3. Receiver

Sensitivity (12dB SINAD)	0.25v (wide) / 0.28v (narrow)
Operating band width	7KHz (wide) / 3.5KHz (narrow)
Adjacent channel selectivity	70dB (wide) / :65dB (narrow)
Intermodulation reject ratio	70dB (wide) / :65dB (narrow)
Spurious Response reject ratio	70dB
AFOutput output power	500mW (16Ω distortion less 5%)
Audio Response	+2/-6dB

For additional information on this or any other Team Simoco product, visit our web site at: [www.teamsimoco.com](http://www.teamsimoco.com)

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