

TECNET

TS-2000 Series

Spartan Two-Way Business Radios

TS-2116 2 Watt VHF (136-174 MHz)

TS-2416 2 Watt UHF (400-470 MHz)



The SPARTAN TS-2000 Series are durable, lightweight, and easy to use. Delivers clear, reliable communications for hotels, restaurants, shopping mall, super market, property management and other industrial, commercial needs.

Preprogrammed to operate with other Jobsite Business Radios or fully programmable to existing simplex channels, repeater systems or independent FCC licensed frequencies.



- 16 Channels
- Optional Voice Annunciation
- 2 Watt Power Output
- 12.5/25 kHz Channel Spacing
- CTCSS/DCS
- 700 mw Audio Output
- Time-Out Timer (TOT)
- Power Save Mode
- VOX
- One Year Warranty





TS-2000 Series

Spartan Two-Way Business Radios

NOTE: Some features indicated by specifications listed are prohibited by FCC rule and are not available on models sold in the U.S. or its territories.

Specifications

General

TS-2116	136-174 MHz
TS-2416	400-470 MHz
Operating Voltage	3.8V DC
Operating Temperature	-13° to 131° F (-25° to 55° C)
Frequency Stability	± 2.5 PPM
Dimensions (H/W/D)	4.1 x 2.1 x 1.1 (105 x 54 x 30 mm)
Channel Spacing	12.5 kHz per channel
PLL Stepping	2.5/6.25 kHz
Weight with Li-Ion Battery	5.9 oz. (170 g.) w/battery
Battery Life (hours)	14 hr*
Battery Drain mAh	Tx 1200, Rx 300, Stby 60
Battery Capacity	2000 mAh Li-Ion
Charge Time Estimate	2-3 hours
	*90/5/5 duty cycle with battery save

Approvals	FCC	Industry Canada
TS-2116	P6N-TH288V /	9680A-TS-2116
TS-2416	P6N-TH288U /	9680A-TS-2416



Transmitter

Output Power	2 Watt, UHF/VHF
Spurious and Harmonic	-36dB (1 GHz), -30dB (1 GHz)
FM Hum and Noise	-40dB (12.5 kHz), -45dB (25 kHz)
Audio Distortion	<5%
Adjacent Channel Power	-70dB, -60dB

Receiver

Sensitivity	.18uV / .20uV
Selectivity	65dB / 55dB
FM Hum and Noise	40dB
Audio Output Power	700 mW
Audio Distortion	<5% at rated output
Intermodulation Reject Ratio	55dB

Specifications are subject to change.

Standard Package

Radio, 2000 mAh Li-Ion battery, rapid rate desktop charger, antenna, belt clip and user manual.

Accessories

- Standard Speaker Microphone
- Heavy Duty Speaker Microphone
- Earhook Speaker with Lapel Mic
- Discreet Earbud with Lapel Mic
- Nylon Carrying Case
- Single Slot Vehicular Charger
- Six Unit Gang Charger
- Programming Software and Cable

Contact Information



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