



TS-3000 Series

Spartan Two-Way Business Radio

TS-3116 5/1W VHF (136-174 MHz)

TS-3416 4/1W UHF (400-470 MHz)



*The **SPARTAN TS-3000** Series are durable, lightweight, and easy to use. Delivers clear, reliable communications for hotels, restaurants, retail stores, shopping centers, 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
- 5/1 VHF, 4/1 UHF 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-3000 Series

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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	7.5V DC
Operating Temperature	-13° to 131° F (-25° to 55° C)
Frequency Stability	± 2.5 PPM
Dimensions (H/W/D)	4.6 x 2.2 x 1.3" (116 x 56 x 34 mm)
Channel Spacing	12.5 kHz per channel
PLL Stepping	2.5/6.25 kHz
Weight with Li-Ion Battery	7.2 oz. (203 g.) w/battery
Battery Life (hours)	14 hr*
Battery Drain mAh	Tx 1200, Rx 300, Stby 60
Battery Capacity	1500 mAh Li-Ion
Charge Time Estimate	2-3 hours
	*90/5/5 duty cycle with battery save

Approvals

TS-3116
TS-3416

FCC

P6N-TH368V
P6N-TH368U

Industry Canada

Pending
Pending



Manufactured to ISO-9002:2000 quality standard.

Transmitter

Output Power	5/1 VHF, 4/1 UHF Watt
Spurious and Harmonic	-36dBm (1 GHz), -30dBm (1 GHz)
FM Hum and Noise	-40dB (12.5 kHz), -45dB (25 kHz)
Audio Distortion	<5%
Adjacent Channel Power	-70dB/-60dB

Receiver

Sensitivity	.25uV / .25uV
Selectivity	70dB / 60dB
FM Hum and Noise	40dB
Audio Output Power	700 mW
Audio Distortion	<5% at rated output
Intermodulation Reject Ratio	65dB

Standard Package

Radio, 1500 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
- Leather Carrying Case with Belt Loop Swivel
- Single Slot Vehicular Charger
- Six Unit Gang Charger
- Programming Software and Cable (USB)

Contact Information



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Specifications are subject to change.