

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

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

**The Spartan TS-2000 Series** are durable, lightweight, and easy to use. Delivers clear, reliable communications for hotels, restaurants, retail stores, shopping centers, property management and other industrial or 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
- Audio Channel 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



## SPECIFICATIONS

### GENERAL

TS-2116	136-174 MHz
TS-2416	400-470 MHz
Operating Voltage	3.8 V 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" (105x54x30 mm)
Channel Spacing	12.5 kHz per channel
PLL Stepping	2.5/6.25 kHz
Weight (W/ Battery)	5.9 oz. (170 g.)
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

### TRANSMITTER

Output Power	2 Watt, UHF/VHF
Spurious and Harmonic	-36dB (1GHz), -30dB (1GHz)
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 Radio	55dB

### PACKAGE INCLUDES:

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

Specifications are subject to change without notice.

## ACCESSORIES



### Charger Options

Single Slot Rapid Rate Desktop Charger  
Six Unit Multi Charger  
2000 mAh Li-Ion Batteries



### Speaker Mic Options

Standard Speaker Microphone  
Heavy Duty Speaker Microphone  
Heavy Duty Speaker Microphone w/Vol Control



### Ear Piece & Headset Options

"D" Style Earhook Speaker w/Lapel Mic/PTT  
"C" Style Earhook Speaker w/Lapel Mic/PTT  
Clear Earbud Speaker w/Lapel Mic/PTT  
Dual Muff Headset  
Head Frame w/Boom Mic



### Other Options

Nylon Carrying Case  
Leather Carrying Case w/Belt Loop/Swivel  
Programming Software and Cable (USB)

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



Manufactured to ISO-9002:2000 quality standard.

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.

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