

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 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
- 5/1 VHF, 4/1 UHF Watt Power Output
- 12.5/25 kHz Channel Spacing
- 2-Pin Audio Connector
- CTCSS/DCS
- 700 mW Audio Output
- Time-Out Timer (TOT)
- Power Save Mode
- VOX



SPECIFICATIONS

GENERAL

TS-3116	136-174 MHz
TS-3416	400-470 MHz
Operating Voltage	7.5 V 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" (116x56x34 mm)
Channel Spacing	12.5 kHz per channel
PLL Stepping	2.5/6.25 kHz
Weight (W/ Battery)	7.2 oz. (203 g.)
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

TRANSMITTER

Output Power	5/1 W VHF, 4/1W UHF
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	.25uV / .25uV
Selectivity	70dB / 60dB
FM Hum and Noise	40dB
Audio Output Power	700 mW
Audio Distortion	< 5% at rated output
Intermodulation Reject Radio	65dB

PACKAGE INCLUDES:

Radio, 1500 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
1500 mAh Li-Ion Batteries



Speaker Mic Options

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



Ear & Headset Piece 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)
UHF "Stubby" Antenna

Approvals	FCC	Industry Canada
TS-3116	P6N-TH368V	N/A
TS-3416	P6N-TH368U	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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