maxon®

TJ-3000 Series

Job Site Two-Way Business Radio

TJ-3100V 2W VHF (140-174 MHz)
TJ-3400U 2W UHF (440-470 MHz)

The TJ-3000 Series are durable, lightweight, and easy to use. These versatile radios are pre-programmed to the most common commercial frequencies to provide efficient operation for uses in Construction, Education, Manufacturing, Hospitality, Property Management, and many other applications. Programmable via your radio dealer's CPS software if you have unique frequencies or for repeater use.







Compatible with other Job Site Radios.
TJ-3100V Offers 27 Selectable VHF Frequencies.
TJ-3400U Offers 89 Selectable UHF Frequencies.
* Both radios can also be programmed within UHF/VHF band via CPS Software

Power Output
Set to 2 Watt output, the max power allowed for many job site radio frequencies.

User Control and Clear Display
LCD backlit display makes for easier viewing.

Channels & Privacy Codes
89 Selectable UHF Frequencies - 157 User selectable tone codes (53 CTCSS & 104 DCS.)

Robust Audio
1 Watt speaker output.
Audio Compandering compatible w/ Motorola CLS & CLP

Rechargeable Li-Ion Battery
Equipped with long life 2000 mAh battery and Rapid Rate Smart Charger.

Programmable
Fully programmable up to 90 channels; simplex channels, repeater systems, or independent FCC license frequencies.

Durable Construction
Manufactured with tough poly-carbonate cabinet. Meets MIL-STD-810F & IP-54.

Weather Channels
Includes the NOAA Weather Channels for instant weather monitoring.

Weather Channels	
1	162.550
2	162.400
3	162.475
4	162.425
5	162.450
6	162.500
7	162.525

6 Unit Charger
Single Slot Molded Style



2 YEAR WARRANTY

FC IC

TJ-3000 Series | Job Site Two-Way Business Radio

maxon®

SPECIFICATIONS

GENERAL

TJ-3100V	140-174 MHz
TJ-3400U	440-470 MHz
Operating Voltage	3.7 V DC
Operating Temperature	-22° to 140° F (-30° to 60° C)
Frequency Stability	± 2.5 PPM
Dimensions (H/W/D)	3.9 x 2 x 1" (99x51x25 mm)
Channel Spacing	12.5 kHz per channel
PLL Stepping	2.5/6.25 kHz
Weight (W/ Battery)	5.3 oz. (151 g.)
Battery Life (Hours)	16 hr*
Battery Drain mAh	Tx 1200, Rx 300, Stby 60
Battery Capacity	2000 mAh Li-Ion
Charge Time Estimate	3 Hours
	*90/5/5 duty cycle with battery save

TRANSMITTER

Output Power	2 Watt UHF/VHF
Spurious and Harmonic	60dB
FM Hum and Noise	40dB (12.5 kHz), 45dB (25 kHz)
Audio Distortion	5% max w/ 1kHz Modulation
Audio Response	+1 -3dB from 6dB per octave pre-emphasis and characteristic 300 ~ 3000 Hz
Output Impedance	50 ohms

RECEIVER

Sensitivity	.28uV 12dB SINAD
Squelch Sensitivity	.25uV 12dB SINAD
Selectivity	60dB
FM Hum and Noise	40dB
Audio Output Power	1 Watt across 8-ohm load
Input Impedance	50 Ohms
Audio Distortion	< 5% at rated output
Audio Response	+1 -3dB from 6dB per octave pre-emphasis and characteristic 300 ~ 3000 Hz

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 are subject to change without notice.

ACCESSORIES

Charger Options
Single Slot Rapid Rate Desktop Charger
Six Unit Multi Charger
Single Slot Vehicular 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 Options
"D" Style Earhook Speaker w/Lapel Mic/PTT
"C" Style Earhook Speaker w/Lapel Mic/PTT
Clear Earbud Speaker w/Lapel Mic/PTT

Other Options
Nylon Carrying Case
Programming Software and Cable (USB)
UHF "Stubby" Antenna

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

Approvals	FCC	Industry Canada
TJ-3100V	099TJ-3100	9680A-TJ3100V
TJ-3400U	099TJ-3400	9680A-TJ3400U

RoHS 2002/95/EC

Manufactured to ISO-9002:2000 quality standard.

maxon®
11535 W. 83rd Terrace Lenexa, KS 66214
Tel: (800) 456-2071 - Tel: (913) 859-9515
Fax: (913) 859-9550
Web: www.maxonamerica.com
E-mail: maxon@maxonamerica.com