

# VX-80

## COST EFFECTIVE PTT TWO-WAY COMMUNICATION

### UHF/VHF PORTABLE RADIO

The radio VX-80 is cost effective communication tool meant for both first time and intermediate users. This portable radio is equipped with the necessary features to ensure reliable communication at an affordable price.

#### COMPACT AND DISCREET

The compact and discreet size of the VX-80 allows users to seamlessly integrate the radio into existing business operations comfortably.

#### SIMPLE AND RELIABLE

The radio VX-80 is easy to use and is reliable so you are always in contact with your team.

#### NEVER MISS A CALL

Scan and Priority Scan options allow you to programme and configure your radios to skip channels, letting you communicate quickly using the right channel.

#### CHANNEL ANNOUNCEMENT

Upon channel switching, the radio announces the current channel. Users can toggle between channels without having to look at the radio, thus improving work productivity.

#### LOUD AND CLEAR AUDIO

The 1-Watt speaker ensures important communications are heard even in noisy environments.

#### EASY TO PROGRAMME CHANNELS

Channels can be stored through programming software.

#### LI-ION BATTERY SOLUTIONS

Up to 10 hours of talk time allows you and your team to get through a shift without worrying about running out of power.

#### 2-PIN CONNECTOR ACCESSORIES

The 2-pin side connector enables standard audio accessories to be used, helping reduce your overall cost of ownership.



GOODBYE  
CROSSTALK



BROADEN  
YOUR REACH



COME IN LOUD  
AND CLEAR



KEEP YOUR  
TEAM SAFE



POWER THROUGH  
THE SHIFT





## GENERAL SPECIFICATIONS

	VHF	UHF
Frequency Range	136~150MHz & 150~174MHz	400~440MHz & 440~470MHz
Number of Channels	16 channels	
Power Supply Voltage	7.2 V DC	
Channel Spacing	25/12.5 kHz	
Battery Life (5-5-90 duty cycle with 1600mAh battery):	10 Hours (With battery saver)/ 8 Hours (Without battery saver)	
IP Rating	IP54	
Operating Temperature Range	-25° C to +60° C	
Frequency Stability	+/- 1.5ppm	
RF Input-Output Impedance:	50 ohm	
Dimension (H x W x D)	1126 x 61 x 39 mm with FNB-Z165LI	
Weight (Approx.)	250g (With battery, antenna, belt clip)	

## RECEIVER SPECIFICATIONS

Sensitivity (12dB SINAD):	0.22uV
Adjacent Channel Selectivity (25/12.5 kHz)	65 / 60 dB
Inter-modulation Rejection: (25/12.5 kHz)	58 to 60 dB
Spurious Image Rejection	65 dB
Audio Output	> 800mW @ 16 Ohms (INT)

## TRANSMITTER SPECIFICATIONS

Output Power	5/1 Watt	4/1 Watt
Emission Designator	11K0F3E 12.5kHz, 16K0F3E 25kHz	
Conducted Spurious Emission	-36dBm for 9kHz - 1GHz, -30dBm for >1GHz	
FM Hum and Noise (25/12.5 kHz)	40 / 35 dB	
Audio Distortion	< 5%	

## ADDITIONAL FEATURES

- ▼ Battery Status Indicator
- ▼ Battery Saver Mode
- ▼ Talkaround
- ▼ CTCSS/DCS Encode/Decode
- ▼ Channel Announcement
- ▼ Internal VOX (Voice Activated Transmit)
- ▼ 2-pin accessory connector
- ▼ Busy Channel Lockout (BCLO)

## ACCESSORIES

- ▼ CZ084UA01 - MHZ-101B Remote Speaker Microphone
- ▼ CZ084UA02 - MHZ-201B Inline PTT Earbud
- ▼ CZ084UA03 - MHZ-202B G-Hook Earbud
- ▼ CZ073CB601 - CZ-113 VX-80 Series Programming Cable
- ▼ CZ089AN003 - UHF Antenna 400-440 Mhz
- ▼ CZ089AN004 - UHF Antenna 440-470 Mhz
- ▼ CZ089AN005 - VHF Antenna 136-150 Mhz
- ▼ CZ089AN006 - VHF Antenna 150-174 Mhz
- ▼ CZ089B002 - FNB-Z165 Li-Ion 1600mAh Battery
- ▼ CZ089C002 - CV13 Charger Base
- ▼ CZ083P009 - PV-05P Power Supply, Brazil & Chile
- ▼ CZ083P007 - PV-05M Power Adaptor, Argentina
- ▼ CZ083P008 - PV-05N Power Supply, UL
- ▼ CZ072CL61 - Belt Clip VX-80 (for FNB-Z165LI)

