

# VX-556

## COMMERCIAL PORTABLE

## RADIO.

DUAL MODE CB AND UHF



BROADEN  
YOUR REACH



COME IN LOUD  
AND CLEAR



KEEP YOUR  
TEAM SAFE



POWER THROUGH  
THE SHIFT

## Connect without compromise

The VX-556 is a dual mode CB and UHF Commercial portable radio. For durable, on-the-job responsiveness, the VX-556 maximises worker uptime with flexible communication options, expanded safety applications and convenient built-in features designed for both heavy duty and recreational use.

### VX-556 Specifications

#### KEY FEATURES

- Dual mode: CB and Commercial (UHF 450-520 MHz)
- 80 channels in UHF CB mode
- 512 channels / 32 groups in Commercial mode
- 16 additional Receive only channels
- 5 W Transmit Power
- 7 programmable keys
- 7 character alphanumeric display
- IP 67
- 1 W audio output
- Whisper mode
- Comander
- Clear voice
- Voice inversion encryption (on/off activation)
- Minimum volume control
- Meets MIL-STD 810 specs: C, D, E, F, G, H
- Channel announce
- Voice activation (VOX)
- PC Programming

#### SCANNING

- Basic Scan
- Priority Scan
- Dual Watch
- Talk Around
- Scan Set
- 32 Scan Lists

#### SIGNALLING

- CTCSS/DCS Encode/Decode 5-
- Tone Encode/Decode
- Remote Stun/Kill/Revive (5-
- Tone) Emergency
- Lone Worker

#### STANDARD KIT IN BOX

The VX-556 comes complete with: battery (2300 mAh), antenna, charger base, power adaptor, belt clip. Standard warranty: 2 years.



GENERAL SPECIFICATIONS	
	<b>UHF</b>
Frequency Range	UHF CB 476.425 - 477.4125 MHz UHF 450 - 520 MHz
Number of Channels and Groups	CB - 80 Channels Commercial - 512 Channels (in 32 groups) RX Only - 16 Channels
Power Supply Voltage	7.5 V DC $\pm$ 10%
Channel Spacing	UHF CBRS Band 12.5 / 25 kHz
Battery Life (5-5-90 Duty) 2300 mAh Li-ion	15 hours (w/Saver) / 13 hours 67
IP Rating	-30°C to +60°C
Operating Temperature Range	$\pm$ 2.5 ppm
Frequency Stability	50 ohm
RF Input-Output Impedance	135 x 61 x 41 mm
Dimension (H x W x D)	365 g
Weight (Approx.) with Antenna, Belt Clip, Battery	

RECEIVER SPECIFICATIONS	measured by TIA/EIA 603
Sensitivity 12dB SINAD	0.25 $\mu$ V Typical
Adjacent Channel Selectivity	62 dB / 65 dB
Hum and Noise	40 dB
Intermodulation	65 dB
Spurious and Image Rejection	70 dB
Audio Output	1 W

TRANSMITTER SPECIFICATIONS	measured by TIA/EIA 603
Output Power	5/1 W (Selectable by Channel)
Modulation	11K0F3E
Maximum Deviation	$\pm$ 2.5 kHz
Conducted Spurious Emissions	70 dB Below Carrier
FM Hum and Noise	35 dB
Audio Distortion	3% @ 1 kHz

#### APPLICABLE MIL-STD

Standard	MIL-810C		MIL-810D		MIL-810E		MIL-810F		MIL-810G		MIL-810H	
	Method	Proc/Cat	Method	Proc/Cat	Method	Proc/Cat	Method	Proc/Cat	Method	Proc/Cat	Method	Proc/Cat
Low Pressure	500.1	I	500.2	II	500.3	II	500.4	I/II	500.5	I/II	500.6	I/II
High Temperature	501.1	I,II	501.2	I/A1,II/A1	501.3	I/A1,II/A1	501.4	I/HOT, II/HOT	501.5	I/A1,II/A2	501.7	I/A1,II/A2
Low Temperature	502.1	I	502.2	I/C3,II/C1	502.3	I/C3,II/C1	502.4	I/C3,II/C1	502.5	I/C3,II/C1	502.7	I/C3,II/C1
Temperature Shock	503.1	I	503.2	I/A1C3	503.3	I/A1C3	503.4	I	503.5	I/C	503.7	I/C
Solar Radiation	505.1	II	505.2	I	505.3	I	505.4	I	505.5	I/A1	505.7	I/A1
Rain	506.1	I,II	506.2	I,II	506.3	I,II	506.4	I,III	506.5	I,III	506.6	I,III
Humidity*	507.1	II	507.2	II	507.3	II	507.4	—	507.5	II	507.6	II
Salt Fog*	509.1	I	509.2	I	509.3	I	509.4	—	509.5	—	509.7	—
Blowing Dust	510.1	I	510.2	I	510.3	I	510.4	I	510.5	I	510.7	I
Shock	516.2	I,III,V	516.3	I,V,VI	516.4	I,V,VI	516.5	I,V,VI	516.6	I,V,VI	516.8	I,V,VI
Shock (Drop)	516.2	II	516.3	IV	516.4	IV	516.5	IV	516.6	IV	516.8	IV
Vibration	514.2	VIII/F,W	514.3	I/10,II/3	514.4	I/10,II/3	514.5	I/24,II/5	514.6	I/24,II/5	514.8	I/24,II/5