

# VX-2200CB UHF Mobile Radio

## UHF CB Mobile Radio

### SPECIFICATION SHEET

### CB Mobile Simplicity

Based on our proven and successful commercial radio, the VX-2200CB is built tough for the harshest of conditions. Featuring an aluminum die cast chassis that's rated to Military Spec 810 C/D/E/F for environmental durability; it provides 5W output power for CB recreational users and 25W output power for commercial LMR users.

### Broad Channel Capacity

The VX-2200CB is a 450-520MHz 80 channel UHF CB portable including repeater channels. VX-2200CB also has 48 additional channels for commercial frequency programming.

### Tailored Communications to Meet Your Demands

Get the ultimate signaling performance with a choice of 2-tone encode and decode or 5-tone signaling to support the most advanced communications needs from individual to fleet operations.

### Loud Audio for Noisy Environments

The VX-2200CB is simple to use allowing loud and clear audio to transmit and receive without complications.

### More Scanning options

Compared to other mobile two-way radios in its class, the VX-2200CB provides exceptional scanning flexibility. Catering to a wide variety of environments, it has in-built support for basic scan, Priority, Dual Watch, "Follow me" and Talk Around scanning.

### When Safety Counts

The VX-2200 Series comes standard with built-in Emergency alert for enhanced driver safety. A panic button can also be triggered on the front panel to alert the dispatcher when problems arise.

### ACMA Narrowband Compliant

12.5 kHz narrowband compliant. The ACMA intends to ensure all CB radios are narrowband compliant by June 30, 2017.



VX-2200CB

165mm (W) X 45mm (H) X 155mm (D)



### The Vertex Standard Difference

Our number one goal is achieving superior customer satisfaction by delivering products and services that exceed your expectations. Vertex Standard radios are built to last and are backed by an industry-leading 3 year warranty – another great reason to choose Vertex Standard. Ask your Dealer for more details.

## Additional Features

- 128 Channels:
  - CB: 80channels (476.425 – 477.4125 MHz)
  - Private: 48 Channels
- Loud front speaker audio
- Emergency silent alarm feature able to transmit live audio to dispatcher
- Aluminum diecast chassis for long transmission times
- Commercial band 25W 450 MHz to 520 MHz ability for land mobile radio licensed Commercial Users
- Optional Voice Encryption
- Back to repeater option available
- 5-tone Signaling Built-In
- CTCSS / DCS Encode/decode
- ARTS™ (Auto-Range Transpond System)
- DSUB 15-pin accessory Connector

## Accessories

- MH-67A8J: Standard Mic (as supplied)
- MH-53A8J: Heavy Duty Mic
- MH-75A8J: DTMF Mic
- MLS-100: 12W 40 Square External Speaker
- MLS-200: 12W 40 Round External Speaker
- FP-1030A: External Power supply (13.8VDC @ 25Amps)
- LF-1: DC In Line Noise Filter
- RA079050A: Mobile Bracket (as supplied)
- T9021010: DC Cable (as supplied)

## Standard Kit – In the box

1. VX-2200CB Mobile
2. MH-67A8J: Standard microphone
3. RA079050A: Mounting Bracket
4. T9021010: DC Power cable
5. Mounting Kit Screws
6. Operators Guide and Warranty card

## VX-2200CB Series Specifications

General Specification	UHF
Frequency Range	450-520 MHz CB 476.425 – 477.4125 MHz
RF input-Output Impedance	50 Ohm
Number of Channels and groups	128 Channels (including 80 CB Channels) and 8 groups
Power Supply Voltage	13.6 V DC 15%
Current Consumption	(25W TX: 6 A) (5W TX: 2.5A) RX: 2.5A, Standby: 250 mA
Channel Spacing	12.5/20/25 kHz
Operating Temperature Range	-30°C - +60°C
Frequency Stability	Better than 2.5 ppm
Dimension (H x W x D)	45mm x 165mm x 155mm
Weight (Approx.)	1.3kg
<b>Receiver Specification: measured by TIA/EIA-603</b>	
Sensitivity 12dB SINAD	0.25µV
Adjacent Channel Selectivity	> 70 / 65 dB
Intermediation	> 73 / 70 dB
Spurious and Image Rejection	> 80 dB
Audio Output	Internal: 4 W 18 Ω 5% THD External: 12 W 4 Ω 5% THD
<b>Transmitter Specification: measured by TIA/EIA-603</b>	
Output Power	5W(CB) / 25W(LMR)
Maximum Deviation	5.0 kHz / 2.5 kHz
Modulation	16K0F3E, 11K0F3E
Conducted Spurious Emissions	70dB below carrier
Audio Distortion	< 3 % @ 1kHz

Specifications are subject to change without notice or obligation.

Vertex Standard is a trademark of Vertex Standard LMR, Inc. All other trademarks are the property of their respective owners. © 2012 Vertex Standard LMR, Inc. All rights reserved.  
BTB/MA746\_09/15

**Have a question about Vertex Standard radios?**  
**Contact your authorised Vertex Standard dealer today!**