

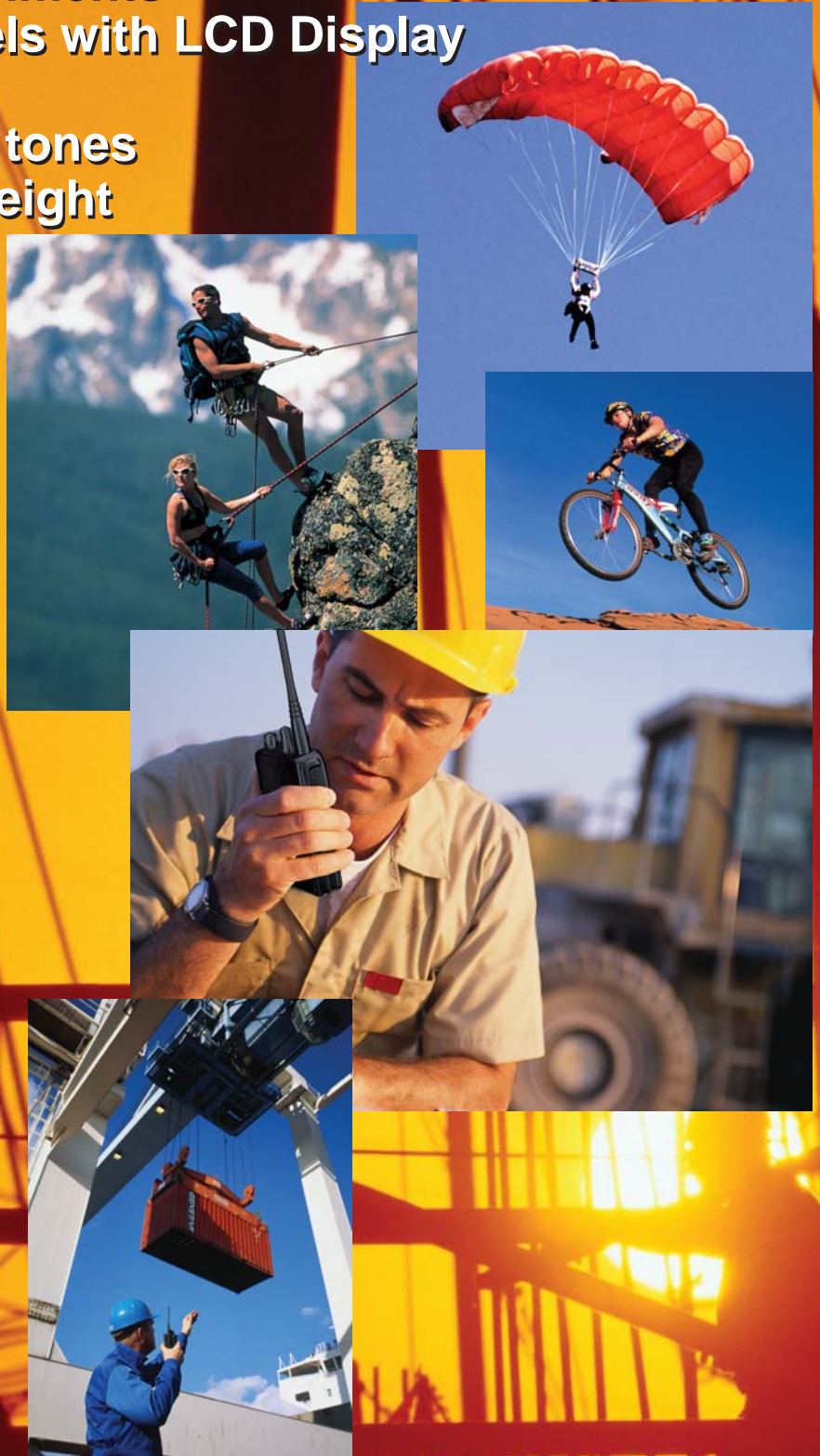
# VX-146

Heavy Duty Licence Free PMR 446 Radio

 **Vertex Standard**

## Rugged—Reliable—PMR 446 Communications

- Ideal for harsh environments
- Alpha Tagged Channels with LCD Display
- 16 Channels
- CTCSS/DCS selective tones
- Small size and light weight



Actual size

## Rugged Polycarbonate case for use in Harsh environments

The VX-146 is the latest model in the Vertex Standard range of high quality, cost effective handheld transceivers for the European PMR446 service.

The radio is manufactured with a strong polycarbonate case designed to withstand the knocks from everyday use in business, industry or recreational use.

Special attention has been paid for example, by the designers to ensure that the tight seal between the battery case and the radio remains intact to protect the radio electronics when operating in a harsh environment.

Features include a clear backlight LCD display and 3 programmable function buttons for controlling selective calling, lamp and lock.

Full CTCSS and DCS group and user selective calling features are available in the VX-146. The radio can be programmed to emit a bell ringer tone when

a CTCSS tone or DCS signalling sequence being received matches with one programmed into the radio.

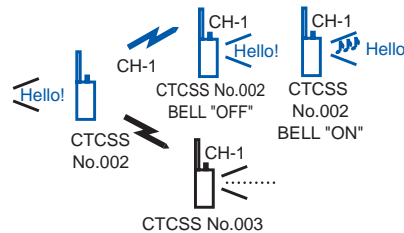
Vertex Standard's unique trademarked 'Automatic Range Transpond System-ARTS' is fitted to the VX-146, enabling the user to know exactly when they are out of range from another suitably equipped ARTS transceiver.

The VX-146 is PC programmable with the ability to configure all features and functions for downloading into the radio. PC configurations can be saved on the PC for security. The VX-146 can be very simply cloned in the field using the optional CT-27 clone cable, ensuring easy and rapid deployment if required.

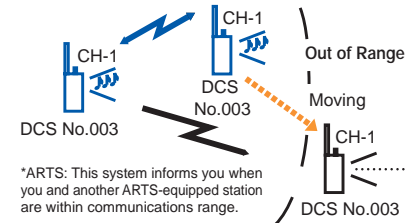
A full range of accessories is available for the VX-146 including 'Hands Free VOX' operation using the optional VC-25 headset. Contact your local dealer for more information.



### CTCSS/DCS Operation



### ARTS Operation



### SPECIFICATIONS

Frequencies: 8 Channel in PMR 446 allocated channels  
446.00625 MHz~446.09375 MHz  
TX Output Power: 500 mW ERP  
Battery Life: 10 Hours for FNB-64  
(RX:TX:STBY 5/5/90 duty cycle)  
Operating temp. range: -20 $\beta$  C to +55 $\beta$  C

Sensitivity: 0.25  $\mu$ V @ 12 dB SINAD  
0.8  $\mu$ V emf @ 20 dB SINAD  
Case Size: 58 x 120 x 31 mm (WxHxD)  
Weight : Approx. 365 g (w/FNB-64)

Accessories Supplied with the VX-146  
FNB-64 7.2 V 700 mAh Ni-Cd Battery  
NC-77 Overnight Desktop Charger

### Optional Accessories

|   |   |   |   |  |   |
|---|---|---|---|--|---|
| <br><b>FNB- V57</b><br>7.2 V 1100 mAh<br>Ni-Cd Battery | <br><b>FNB- 64</b><br>7.2 V 700 mAh<br>Ni-Cd Battery | <br><b>FBA- 25</b><br>Alkaline Battery Case<br>for 6AA-Size Cells | <br><b>VAC- 800 B/C/U*</b><br>Desktop Rapid<br>Charger | <br><b>NC- 77 B/C/U*</b><br>Over night Desktop<br>Charger         | <br><b>VAC- 6000<br/>+ CA- 26</b><br>6-Unit Multi Charger        |
| <br><b>MH- 454B</b><br>Speaker Microphone              | <br><b>MH3 7A4B</b><br>Earpiece Microphone           | <br><b>VC- 25</b><br>VOX Headset                                  | <br><b>CT- 27</b><br>Radio to Radio<br>Clone Cable     | <br><b>LCC- 180/S</b><br>Leather Case<br>(S for swivel belt clip) | <br><b>CE- 53</b><br>PC Programming<br>software including<br>kit |

\*B:120 VAC C:230-240 VAC U:230 VAC

About this brochure: we have made this brochure as comprehensive and factual as possible. We reserve the right, however, to make changes at any time in equipment, optional accessories, specifications, model numbers, and availability. Some accessories shown herein may not be available in some countries. Some information may have been updated since the time of printing; please check with your Authorized Vertex Standard Dealer for complete details.



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