

# Vecta™<sub>3</sub>

## Direction Finder // with LCD Display

The new Vecta™<sub>3</sub> LCD Direction Finder locates distress beacons that have been activated due to an emergency, provided they emit a 121.5 MHz homing signal.

Having a -117dbm sensitive receiver, the Vecta™<sub>3</sub> provides unprecedented sensitivity. This enables the system to detect weak signals at a maximum range.

Incorporating a 1.5" LCD screen for viewing and operating the system, the LCD user-interface is colorful and easy to learn. In addition, the Vecta™<sub>3</sub> LCD is a transreflective display, which enables daylight viewing. During night use, the LCD screen provides backlighting for easy viewing.

The operating system utilizes a menu to navigate throughout the various modes, making setup of the Vecta™<sub>3</sub> more intuitive.

Vecta™<sub>3</sub> has four training frequencies, so no matter where you are in the world, you may choose a training channel that is appropriate for your region.

Like all products from ACR, the Vecta™<sub>3</sub> is rugged, having a body of stainless steel with collapsible PCB antennas.

Shown:  
Complete kit with  
optional omni-  
directional antenna,  
P/N 2871

Information contained  
within for informational  
purposes only. Product  
is not available for sale.  
All specifications are  
preliminary and subject to  
change without notice.



**NEW!**  
**Easy to use LCD  
Display!**

THE SCIENCE OF SURVIVAL

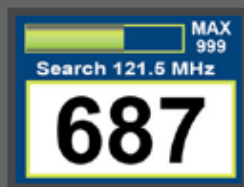
ACR  
ELECTRONICS

COBHAM

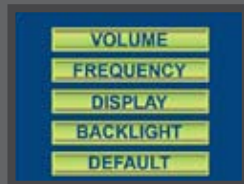
[www.acrelectronics.com](http://www.acrelectronics.com)

# Vecta™<sub>3</sub> Direction Finder with LCD Display

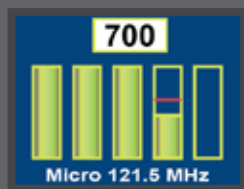
**Active Search screen:** This may be the only screen you'll ever use! All important functionality is on the first screen, including signal strength data in numerical form.



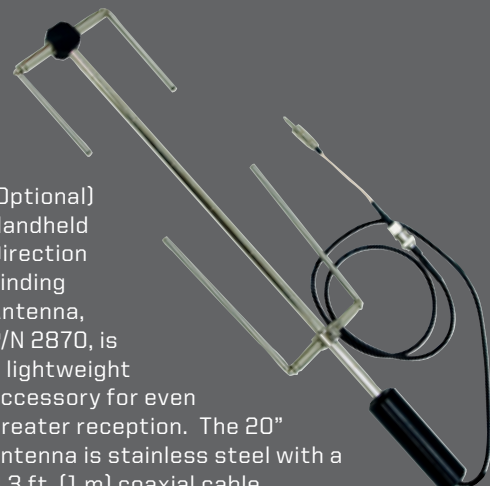
**Menu screen:** The Vecta™<sub>3</sub> allows a number of personal preference settings including volume, training frequency selection, LCD color scheme and backlighting.




**Micro screen:** One of three views available for search data, this view graphs the peak reading and the data closest to the peak.



(Optional) Handheld Direction Finding Antenna, P/N 2870, is a lightweight accessory for even greater reception. The 20" antenna is stainless steel with a 3.3 ft. (1 m) coaxial cable.



## Specifications

Part Number	2869
Size	9" x 2.5" x 1.5" (23 x 6 x 4 cm) 9" x 16" x 1.5" (23 x 40.6 x 4 cm) with antenna opened
LCD	Screen: 1.5" (3.81 cm) diagonal Resolution: 173 x 132 pixels Type: Transflective, daylight viewable
Weight	24 oz. (680 g) with battery and handle
Material	Aluminum body, PCB antennas
Color	Stainless steel with blue label
Application	Crew-overboard situations; SAR units responsible for PLB searches
DF Frequency	Search: 121.5 MHz Training: 121.375, 121.600, 121.650, 121.775 MHz
Receiver Frequency Band	115 to 160 MHz
Activation	Manual On/Off switch
Waterproof	Weather resistant; can be used in light rain and damp conditions
Temperature Range	-4° to 140° F (-10° to 60° C)
Battery	Operation: Rescue mode, no backlight 30 hours; 17 hours with backlight; unlimited with AC/DC power Type: 2-2/3 A Lithium (DL233A Duracell®), common camera battery, readily available
Complete Kit	P/N 2869: Vecta™ <sub>3</sub> , Pelican® case, training beacon, water resistant carrying case, float kit for test beacon, 12V AC/DC adaptor, headphones
CE Approved Kit	P/N 2869.2: Vecta™ <sub>3</sub> , Pelican® case, training beacon, water resistant carrying case, float kit for test beacon
Additional Vecta™ Kit	P/N 2869.1: Vecta™ <sub>3</sub> , water resistant carrying case, 12V AC/DC adaptor
Limited Warranty	1 year
Approvals and Standards	FCC (Part 15B), CE Mark (P/N: 2869.2 only), IEC 60945 (EMC), ETSI EN 301 489-1
Carton Dimensions	12" x 14" x 6" (31 x 35.6 x 15 cm)
Units Per Carton	1 



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