

U. S. Headquarters: 10900 Walker Street, Cypress, CA 90630 Tel (714) 827-7600 Fax (714) 827-8100

Confidential

SALES ANNOUCEMENT NO. SH04-019

December 21, 2004

To: All Standard Horizon Dealers
All Derema Sales Representatives

Introducing the PHANTOM PS2000 Class D Remote Mount VHF - All Dealers

The information contained in this Sales Bulletin is CONFIDENTIAL. This Sales Bulletin is for Vertex Standard's authorized Standard Horizon Marine Dealer Accounts only. The information contained within this document regarding new product descriptions and specifications, consumer programs and promotions, and suggested retail pricing shall remain confidential until publicly announced by Vertex Standard.

Information concerning Vertex Standard's account terms and conditions of sale including but not limited to product cost, payment terms and programs shall remain confidential and not be disclosed to any third party unless directly authorized by Vertex Standard.

The **NEW Phantom Series** design is perfect for vessels that have multiple helm stations, and or applications that require VHF communications and intercom capabilities in alternate locations on the vessel (ex. cockpit, salon, etc.). The PS2000 is a Class D Remote Mount VHF Transceiver which meets International Telecommunications Union requirements. It is designed to be used with up to two CMP25 RAM+ Microphones (not included and sold separately). The CMP25 RAM+ Microphone(s) can control all of the PS 2000 features including radio on and off, DSC (including Distress) and PA/hailer functions.

- Dedicated Class D Channel 70 Receiver
- Two connections for Optional RAM+ Microphone(s)
- Intercom Function between Optional RAM+ Microphones
- 30 Watt PA with Listen Back
- Fog Horn, Navigation Bells and Whistles
- DSC Position Polling with Compatible Standard Horizon Chart Plotters (feature requires purchase of additional product)
- Bracket or Flush Mounting
- Meets the Transport Canada Class D VHF DSC Requirements for ship installations of closed construction that are more than 8 meters in length, carrying more than six passengers and towing vessels.
- Internal Die Cast Frame for added Durability



			DEALER	MAP	COUNTRY	GIFT BOX	WEIGHT	CASE
MODEL	COLOR	BAR CODE	COST	PRICE	OF ORIGIN	(LxWxH)	LBS	QTY
PS2000	Black	788026097388	\$247.49	\$329.99	JPN	12x13.5x5	6	5

Good selling,

Russell Paik

Executive Vice President

Marine Division

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OPTIONAL ACCESSORIES



Performance specifications are nominal, unless otherwise indicated, and are subject to change without notice.

GENERAL	
Input Voltage	13.8 VDC ±20%
Current Drain	
Standby	
Receive	
Transmit	
Dimensions 3-9/1	
Floris Manual Biographics	(90 H x 230 W x 150 D mm)
Flush-Mount Dimensions 2-27	
Weight	(72 H x 205 W x 130 D mm)
-	3.2 lbs (1.45 kg)
TRANSMITTER	
Frequency Range	
RF Output	
Conducted Spurious Emissions	
Modulation	
Frequency Stability (-20°C to +50°C)	
FM Hum and Noise	50 dB
RECEIVER	
Frequency Range	156.050 to 163.275 MHz
Sensitivity	
12 dB SINAD	0.25 μV
12 dB SINAD (70 CH Receiver)	
Modulation Acceptance Bandwidth	±7.5 kHz
Selectivity	
Spurious and Image Rejection	better than -70 dB
Intermodulation and Rejection at 12 dB SINAD	better than -70 dB
Audio Output	4.5 W
NMEA Input/Output	
Inp	out - GLL, GGA, RMC and GNS

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