

marine wireless evolved.



POLARIS

POLARIS BK



WHAM BK

WHAM

POLARIS - FULL-FEATURED FIXED MOUNT/MOBILE TWO-WAY MARINE RADIO

The Uniden Polaris represents the evolution of marine radios. This full-featured, deck-mount unit comes wireless mic ready (WHAM and WHAM2), supporting up to two optional wireless mics to keep you in touch from bow to aft. Polaris also features a GPS-capable input, S.A.M.E. weather alert and two-way hailer control. It even meets JIS7 submersible standards. Don't let evolution pass you by.

2003 MotorBoating Editor's Choice Award

Even if you have to leave the bridge, you still need full command of your radio. That's where WHAM (wireless handheld accessory mic), comes in.

The WHAM fully duplicates all the control features of the Polaris radio, including DSC, hailer, channel, scan, menu functions and more.

→ Compact, sleek 25 watt VHF radio

→ Built-in full two-way loud hailer

→ Meets JIS7 submersible standards



→ NOAA emergency/weather alert with S.A.M.E., PA and user-programmable scan

→ Large backlit LCD display

→ Works with optional WHAM wireless handheld microphone

→ Full DSC capability including position send and request

→ GPS input capable

→ Covered by Uniden's 3 year water protection warranty

POLARIS FULL-FEATURED FIXED MOUNT/MOBILE TWO-WAY MARINE RADIO

- Built-in full two-way loud Hailer
- NOAA emergency/weather alert with S.A.M.E., PA and user-programmable scan
- Meets JIS7 submersible standards
- Full DSC capability including position send and request.
- Compact, sleek 25 watt VHF radio
- Large backlit LCD display
- GPS input capable
- Works with optional WHAM wireless handheld microphone
- Covered by Uniden's 3 year water protection warranty



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WHAM WIRELESS HANDHELD ACCESS MICROPHONE

- Wireless operation for the Polaris and Oceanus DSC VHF radios
- Great for flying bridge or state room
- DSC (Digital Selective Calling)
- Meets JIS7 submersible standards
- NOAA emergency/weather alert with S.A.M.E.
- Backlit display and keypad
- Two way hailer control for Polaris
- All USA, International and Canadian marine channels
- Memory/weather scan
- AC & DC adapters & belt clip included
- 3 year water protection warranty
- Add WHAM2
The Uniden WHAM2 allows you to enjoy the freedom of wireless communications with the convenience of two wireless mics aboard your boat.

	POLARIS	WHAM
CHANNELS	All USA, Canada and International	20 (900MHz Dual Microphone Capable)
WEATHER CHANNELS	10	N/A
CONTROLS	Volume & power on/off knob, Squelch knob, Ch. up/down, Ch. 16/Ch. 9 or Triple watch, 1 or 25 Watt, Rotary Push, Select Knob, Menu, Distress, Hail, push to talk, Mem Scan, SAME, Weather Alert, All NOAA WX Channels	Power On/Of/Volume, Ch up/down, Ch 16/9 or Triple watch, WX/Weather Alert, Menu/Hail, 1/25 Watt or Select, Light/Keypad Lock, Push to Talk, DSC covered Distress Key
WIRELESS MIC SUPPORT	WHAM/WHAM2	
STATUS INDICATORS	Channel Readout, Battery Strength Indicator, Alarm Clock Icon, GPS Connection Icon, WHAM Connection icon, Latitude/Longitude Display, Lock, 1W/25W, USA/INT'L/CAN, Triple Watch, TX, Mem, Scan, WX Alert, WX	Channel Readout, Battery Strength Indicator, Alarm Clock Icon, GPS Connection Icon, WHAM Connection Icon, Latitude/Longitude Display, Lock, 1W/25W, USA/INT'L/CAN, Triple Watch, TX Mem, Scan, WX Alert, WX
CHANNEL DISPLAY	Backlit LCD, 4 line of text x 12 characters, plus Channel Indication, Plus Icons, Menu Select (Green or Red)	4 Lines of text x 12 characters plus channel indication. Backlit LCD and keys
ANTENNA TYPE	External	Internal, Base and Portable
CONNECTORS	NMEA0183 Input, Hailer Connection	
SIZE	7.375" (W) x 3" (H) x 7.875" (D)	2.5" (W) x 4.625" (H) x 1.25" (D)
WEIGHT	2 lbs. 15 oz.	7.3oz with NiMH Battery Pack
SUPPLY VOLTAGE	13.8V DC negative ground only	12V DC plug and AC Adapter
ANTENNA IMPEDANCE	50Ω	
SPEAKER	1.82", 8Ω	
OPERATING TEMPERATURE RANGE	-20°C to +50°C (-4°F to +122°F)	-20°C to +50°C (-4°F to +122°F)
SHOCK AND VIBRATION	Meets or exceeds EIA standards, R152B and RS204C	
POWER SOURCE	11.0V DC-16.0V DC	NiMH rechargeable battery / 800mAh 3 AAA Alkaline batteries (not included) 4.5V Alk / 3.6V NiMH -4.0dBm
BATTERY INPUT VOLTAGE		
POWER OUTPUT	1 watt or 25 watt (switch selectable)	
POWER REQUIREMENT	1 watt output: 1.0A at 13.8 V DC 25 watts output: 4.5A at 13.8 V DC	
MODULATION	FM±5 KHz deviation (FCC designator F3E)	
AUDIO DISTORTION	Less than 3% with 3 KHz deviation with 1 KHz modulating frequency	
SIGNAL-TO-NOISE	45 dB at 3 KHz	
SPURIOUS SUPPRESSION	75 dBm nominal	
FREQUENCY RANGE	156 to 164 MHz	902 MHz ~ 928 MHz
FREQUENCY STABILITY	±1.0 ppm	±300 Hz nominal
SENSITIVITY	0.25µV for 12 dB SINAD 0.35µV for 20 dB S/N	156 to 163 MHz -109dBm at 12dB SINAD
CIRCUIT	Dual conversion Super Heterodyne PLL	
SQUELCH	0.2µV Threshold	
SPURIOUS RESPONSE	60 dB	
IF REJECTION 1st & 2nd	90 dB nominal	
ADJACENT CHANNEL SELECTIVITY	70 dB at ±25 KHz	
AUDIO OUTPUT POWER	4.0 watts (10% Distortion) into a 4Ω load	0.18 Watts
POWER REQUIREMENT	.3A at 13.8V DC squelched .8A at 13.8V DC at maximum audio output	
	1st- 16.9 MHz 2nd- 455 KHz	

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A World Without Wires