

- Compact and Simple Operation
- Capable of connecting an optional enhanced RAM+ second station remote microphone
- RTCM SC-101 DSC Distress call with your exact position*
- DSC position request/send function and NMEA data input/output to connect to GPS Plotter
- DSC Group call feature included
- Backlit Keypad and LCD
- Channel Name, GPS Time or GPS Position Repeating shown on the display*
- One-button access to Channel 16 and 9
- NOAA Weather Alert
- Versatile User-programmable Scan, Priority Scan and Dual Watch
- Microphone with Channel Selection
- Access to all US, Canadian and International Channels

*with GPS connected



CLEARVOICE™
NOISE REDUCTION TECHNOLOGY



AVAILABLE IN BLACK



*Available in black or white

RAM+
Remote Access Microphone CMP25



STANDARD HORIZON

Nothing takes to water like Horizon!

Finally an economical DSC VHF capable of a FULL Function Second Station Remote Control!

Optional Enhanced RAM+ Mic

The QUEST+ has the capability of being connected to the enhanced full function RAM+ Mic. This advanced second station operates as a full remote to the QUEST+ at the fly bridge, cockpit tower or location of your choice. The submersible RAM+ allows you to control all radio functions including Digital Selective Calling and can show channel names and repeat GPS information. The 25 Foot routing cable of the RAM+ has speaker wires so there is no need to run additional wires for an external speaker.

DSC Performance

The most important reason to have a VHF radio on board your vessel is safety. The QUEST+ meets the internationally recognized requirements for RCTM SC-101 Digital Selective calling. In an emergency the QUEST+ is capable of transmitting an automated Digital MAYDAY transmission that includes GPS position and Date and Time when connected to a GPS. The QUEST+ can also transmit and receive DSC Urgency, Safety, Group and Individual calls.

Position Polling

STANDARD HORIZON has pioneered the capability to poll (request and send) the GPS location of another vessel and show the position of that vessel on the VHF's display. STANDARD HORIZON has taken this feature one step further, if any STANDARD HORIZON GPS Chart Plotter is connected to the QUEST+ the polled position of the vessel is shown on the display of the STANDARD HORIZON GPS Chart Plotter making it easy to navigate to the location of the received position of the polled vessel. In a distress situation, when the QUEST+ receives a DSC Distress call from another vessel, the position of the vessel in distress is shown on the Standard Horizon GPS Chart plotter making it easy for you to assist in the rescue.



Channel Names, NOAA Weather Alert and Scanning

Don't know what a specific channel should be used for, the QUEST+ identifies the intended function on the channel on the oversized LCD. The QUEST+ is NOAA Weather Alert capable that warns you of impending severe weather by audibly alerting you to switch to the active weather channel. The Quest+ can be programmed to scan any number or combination of channels with or without CH16 as the priority. Want to scan between a working channel and CH16, you can use the Dual Watch function.

ClearVoice Noise Reduction Technology

The QUEST+ features an exceptional waterproof microphone that includes STANDARD HORIZON's exclusive ClearVoice Noise Reduction technology. ClearVoice technology eliminates unwanted background noises like engine and wind. The results are clear transmissions that are heard and understood the first time. Handy buttons on the microphone provide convenient access to CH16 or 9 and has channel selection capabilities.

Built Better so Backed Better

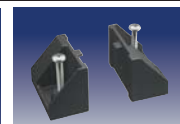
The QUEST+ was designed from the ground up to take the punishment of the marine environment. If the STANDARD HORIZON QUEST+ fails for any reason (including water damage) during normal use in the first 3 years of ownership, STANDARD HORIZON will at its discretion repair or replace it for free. If it fails for anytime thereafter in normal use, for as long as the original customer owns the radio, STANDARD HORIZON's Lifetime Flat Rate Service, Customer Loyalty Policy Programs will cover it. The flat rate is determined at the time of the original purchase.



OPTIONAL ACCESSORIES



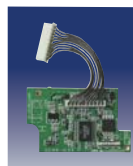
RAM+ MIC
Remote Access microphone CMP25



MMB-84
Flush Mounting Bracket



CT-100
10-foot Extension Cable
for RAM+ MIC



CVS2500
Voice Scrambler



101W
Mini audio
extension speaker
in white



201SW/201SBK
white / black
Audio extension
speaker



201SWZ/201SBKZ
white / black
Flush mount audio
extension speaker

SPECIFICATIONS

General	
Channels	All USA, International and Canadian
Input Voltage	13.8 VDC $\pm 20\%$
Current Drain:	
Standby	0.5 A
Receive	1.5 A
Transmit	5.0 A (Hi); 1.5 A (Lo)
Dimensions	2-1/2" H x 6-5/16" W x 6-5/16" D (64 H x 160 W x 160 D mm)
Flush-Mount Dimensions	2" H x 5-5/16" W x 5-1/8" D (50 H x 136 W x 130 D mm)
Weight	2.2 lbs (1 kg)
Transmitter	
Frequency Range	156.025 to 157.425 MHz
RF Output	25 W (Hi); 1 W (Lo)
Conducted Spurious Emissions	80 dB (Hi); 60 dB (Lo)
Audio Response	within $\pm 1/3$ of a 6 dB/octave pre-emphasis characteristic at 300 to 3000 Hz
Audio Distortion	5 %
Modulation	16K0G3E, for DSC 16K0G2B
Frequency Stability	$\pm 0.0005\%$ (-4°F to $+122^\circ\text{F}$ -20°C to $+50^\circ\text{C}$)
FM Hum and Noise	50 dB
Receiver	
Frequency Range	156.050 to 163.275 MHz
Sensitivity	20 dB Quiet 0.35 μV 12 dB SINAD 0.25 μV Squelch Sensitivity (Threshold) 0.13 μV
Modulation Acceptance Bandwidth	± 7.5 kHz
Selectivity	Spurious and Image Rejection -70 dB Intermodulation and Rejection at 12 dB SINAD -70 dB
Audio Output	4 W
Audio Response	within $\pm 2/8$ of a 6 dB/octave de-emphasis characteristic at 300 to 3000 Hz
Frequency Stability	$\pm 0.0005\%$ (-4°F to $+122^\circ\text{F}$ -20°C to $+50^\circ\text{C}$)
Channel Spacing	25 kHz
DSC Format	RTCMSC101
NMEA Input/Output	Output - DSC, DSE Input - GLL, GGA, RMC and GNS

Standard Horizon reserves the right to make changes and enhancements to products at our discretion. Current specifications are therefore subject to change without notice.

A FAMILY OF COSMETICALLY MATCHED CHOICES

The QUEST+ is one member of the family of marine electronics from STANDARD HORIZON that includes:

DIGITAL INSTRUMENTS



GPS CHART PLOTTERS



VHF RADIOS

