

SAILOR® 6216 VHF DSC CLASS D

COBHAM

Get a trusted SAILOR on board - FCC approved

2013 Product Sheet

The most important thing we build is trust

Safety and efficiency at sea depend on superior communication, so professionals have for decades chosen SAILOR VHF. Now, the proven performance and unrivalled solid build quality that makes SAILOR the VHF choice for the discerning user have been passed on to the next generation, the SAILOR 6216 VHF DSC Class D.

With competitive value, introduced to ensure availability to all professional vessels, the SAILOR 6216 VHF DSC Class D still retain the same premium, rugged feel of previous generations, but with improvements across the board. Designed with ease-of-use in mind, the SAILOR 6216 VHF belong at the helm of any vessel crewed by professionals.

Features Include:

- Full waterproof to IPx8 (submersible) and IPx6 (spray) all over
- Large easy-to-read display with red backlight and dimming
- High quality, powerful 6W loudspeaker
- 2 hand microphones/handsets
- 1 control speaker microphone
- Detachable hand microphones - front and rear
- SAILOR Replay function
- DW, Tri-watch and scanning
- Loudhailer functionality with talkback
- Foghorn functionality

The robust, solid qualities of the SAILOR 6216 VHF DSC Class D are apparent immediately. A large display with red backlight protects the user's night vision and makes it easy to read the intuitive menu. The tactile feel of the buttons and wheelknobs makes the VHF very easy to operate. The powerful 6W built in loudspeaker ensures

good sound quality, even in noisy environments.

Play it Again

SAILOR 6216 VHF features the popular SAILOR Replay function, which constantly records the latest incoming messages. This function allows the user to clarify received information and ensures that it is not lost or ignored, if the user was occupied in other operations.

Flexible Installation

The SAILOR 6216 VHF DSC Class D offers a very flexible installation. The waterproof design, covering the entire radio including hand microphone allows for open installations. It can be operated by two extra

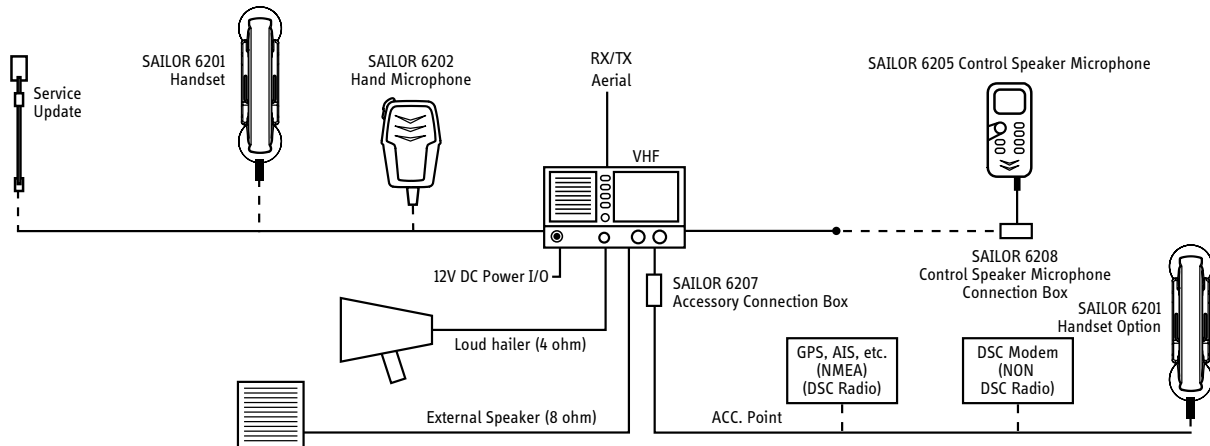
handsets, hand microphones or one control speaker microphone. All are detachable and can be connected on both the front and the rear of the VHF. The VHF's also allow for interfaces to external loudspeaker, loudhailer with talk-back and foghorn, and additional equipment that can enable even more features.

With the SAILOR 6216 VHF DSC Class D the new generation of SAILOR VHF's are here. The VHF is built on decades of history as the professional user's choice. Designed with the user in mind, keeping focus on high value, performance, ease-of-use, connectivity functionality and build quality the SAILOR 6216 VHF DSC Class D continues the long tradition of SAILOR VHF's.



SAILOR® 6216 VHF DSC CLASS D

Get a trusted SAILOR on board - FCC approved



TECHNICAL SPECIFICATIONS

Weight SAILOR 6216 VHF transceiver unit, approx.	< 2.65 lb
Weight SAILOR 6216 VHF transceiver unit incl. Hand Microphone and mounting bracket, approx.	< 3.31 lb
Operational Temperature Range	5°F to 131°F
Storage Temperature Range	-40°F to 176°F
Power Supply	12VDC Nominal (10.8– 15.6VDC)
Frequency Range	TX 156,000-161,450, RX 156,000-163,425 MHz
Option: Extended frequency range in private channels	
Channel Spacing/Bandwidth	12.5kHz and 25kHz - All international maritime channels
Receiver Sensitivity	< -119dBm Typically @ 20dB SINAD CCITT Weighted
Antenna	Connector UHF Plug PL259. 50 Ohm Antenna 1-antenna operation for both VHF and DSC communication

FEATURES

Built in DSC Class D	X
DSC address book	X
Replay	X
Dual watch, Tri-watch and scanning	X
High/Low (25/1 Watt) transmit modes	X
Large display	X
Red backlight	X
Display dimming	X
Powerful loudspeaker (Distortion <5%)	6W
Tactile buttons and wheelknobs	X
Alert mute button	X

CHANNELS

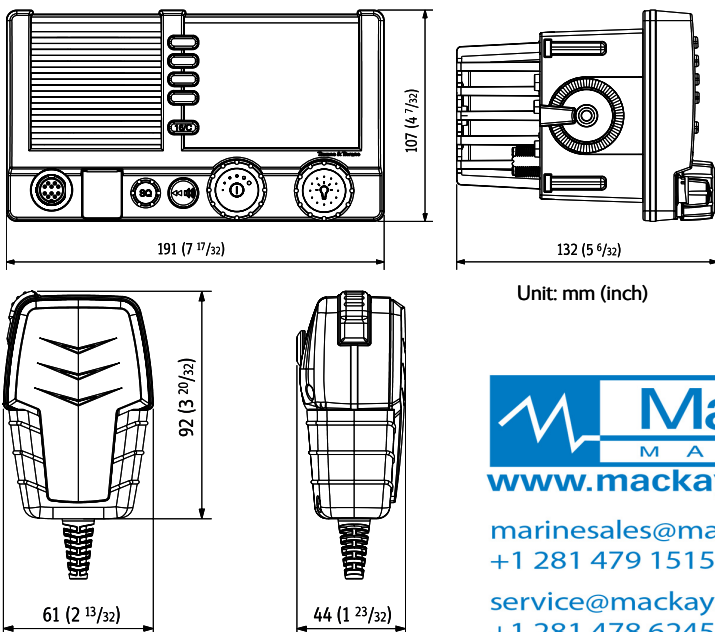
International channels	X
US channels (incl. WX)	X
Canadian	X
BI channels	X
ATIS and ATIS Killer	X
Private channels	40

INTERFACE

Loud hailer functionality with talk-back	30W
Foghorn functionality	30W
2 handsets, Hand Microphones and 1 Control Speaker Microphone -Detachable front and rear connection	X
External loudspeaker	6W

INSTALLATION

Bracket and flush mounting installation	X
Waterproof rating all over including Hand Microphones and Control Speaker Microphones	IPx8 & IPx6
Approval	FCC & Canadian



Unit: mm (inch)



www.mackaymarine.com

marinesales@mackaymarine.com
+1 281 479 1515

service@mackaymarine.com
+1 281 478 6245

For further information please contact:

Cobham SATCOM Maritime
Lundtoftegaardsvej 93 D
DK-2800 Kgs. Lyngby
Denmark
www.cobham.com
Tel: +45 3955 8800
Fax: +45 3955 8888