



## COMPASS &amp; HEADING / BEARING REPEATERS

# MD69/21 PELORUS STAND BEARING COMPASS REPEATER

SKU: F021008

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## FEATURES

- Rugged GRP Pelorus Stand with Bearing Repeater
- Includes MD69BR Precision Dual-Scale 36:1 Repeater Bowl
- With Fully Gimballed Bearing Repeater Mount and Integral Terminal Box
- Built-in Dimmer Control
- NMEA 0183 Digital Connection
- Optional Weather Dome or Flexible Canvas Cover
- Fully sealed to IEC 60945 Exposed Area Classification

## OVERVIEW

The MD69/21 Pelorus Stand Assembly is a complete Bearing Repeater solution with a fitted gimbal and a precision dual-scale bearing repeater bowl. Available with a range of options for all types of vessel

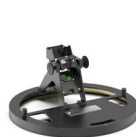
The MD69/21 Pelorus Stand Assembly is lightweight, easy to install and extremely rugged. Fully sealed to IEC 60945 Exposed Area Classification and suitable for wheelhouse and exterior deck environments, including weatherproof terminal box to connect with the vessel's cabling.

The MD69/21 Pelorus Stand Assembly from Marine Data: Flexible in application, easy to install and simple to maintain.

## APPLICATIONS

- Provides a rugged Bearing Repeater solution on a deck or bridge

## ACCESSORIES



MD69AZI  
Azimuth Sight



MD69BC  
Bearing Circle



MD60A2K  
Telescopic Alidade



MD69CPC  
Canvas Cover



MD21WD  
Weather Dome

## RELATED PRODUCTS

[MD69/22](#) - Bearing Compass Repeater on Bulkhead Mount

[MD69BR](#) - Bearing Compass Repeater on Trunnion Mount



## PHYSICAL

<b>Weight:</b>	22 kg complete assembly (including optional dome); 12 kg (stand only)
<b>Dimensions:</b>	H 1200 mm (H 1375 mm with optional Weather Dome); max Ø 450 mm
<b>Repeater Bowl:</b>	Model MD69BR Precision Dual Scale 36:1
<b>Mounting:</b>	Deck; 4x M20 bolts (not supplied)
<b>Connections:</b>	Integral Terminal Box
<b>Construction:</b>	Glass Reinforced Plastic (GRP)
<b>Finish:</b>	Window Grey (RAL7040) Semi-gloss Paint

## ELECTRICAL

<b>Earth Bond:</b>	M6 stud on cable terminal box
<b>Illumination:</b>	Built-in rotary dimming control 0-24 V dc Red tint illumination colour
<b>Heading Data:</b>	NMEA 0183

## OPERATIONAL

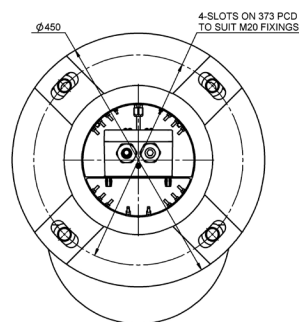
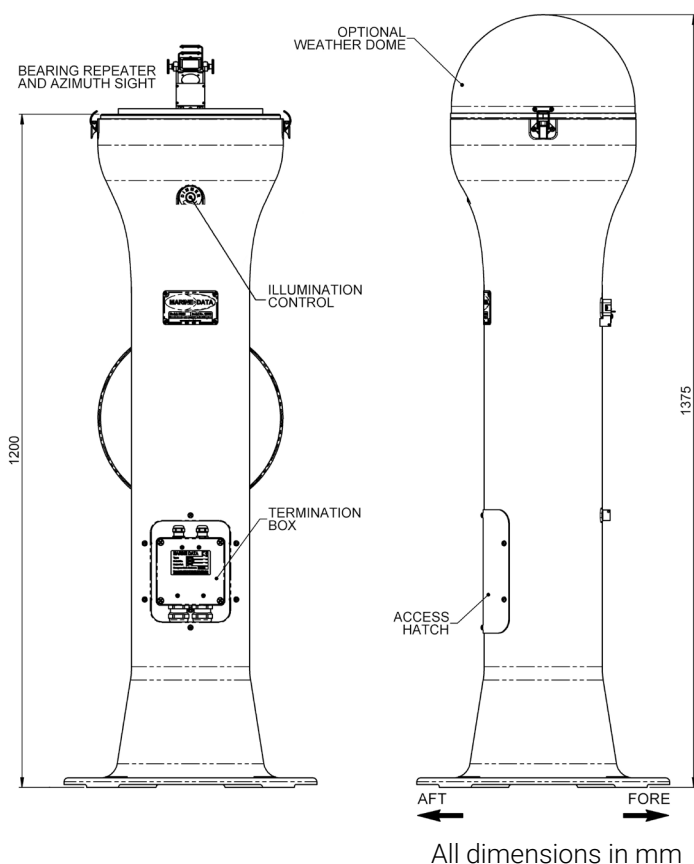
<b>Performance:</b>	± 0.01° resolution
<b>Follow-Up Rate:</b>	20° per second
<b>Gimbal Action:</b>	±45° pitch and roll
<b>Display:</b>	Dual scale 36:1 rotating dial display
<b>Heading LEDs:</b>	Blue = True Heading; Yellow = Magnetic Heading
<b>Resolution:</b>	Outer scale marked at 1°, 5°, 10° & 45°; Inner scale marked at 0.1° & 1°
<b>Illumination:</b>	LED array with local & remote dimming control; red tint
<b>Error Indication:</b>	Loss of valid data: Dial oscillates ±35° about the last known good heading

## ENVIRONMENTAL

<b>IEC 60945 Equipment Category:</b>	Exposed Area
<b>Operating temp:</b>	-25°C to +55°C
<b>RoHS:</b>	Compliant
<b>Compass Safe Distance:</b>	Standard: 20 cm Steering: 20 cm

## APPROVALS

<b>Conforms with:</b>	BS EN 60945:2002 (BSI, 2008) BS EN 61162-1:2016 (BSI, 2016) BS EN 62288:2014 (BSI, 2016) BS ISO 8728:2014 (BSI, 2014) BS ISO 16328:2014 (BSI, 2014) IMO Res. A.424(XI) (IMO, 1979) IMO Res. A.821(19) (IMO, 1995) IMO Res. MSC.36(63) (IMO, 1994) IMO Res. MSC.97(73) (IMO, 2000) IMO Res. MSC191(79) (IMO, 2004)
<b>Type Approval:</b>	DNV



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