

## USER'S MANUAL - Magnetic compass for navigation RIVIERA type POLARE 3" & 4"

Dear Customer,

In thanking you for your preference and trust in our products, we wish to inform you that this marine magnetic compass has been designed and built to perfection in the RIVIERA srl factory in Genoa. After manual assembly, it was subjected to tests and quality controls in accordance with the requirements of the Italian shipping register, RINA. It is made with materials that have proven to guarantee its functioning aboard boats for many years.

**Keep this manual together with the on-board documents.**

### CERTIFICATIONS

The MED Directive 2014/90 / EU (and its subsequent amendments) covers the main equipment and materials that are intended to be used on board seagoing (non-military) vessels.

The distinctive marking for these products is the "Wheelmark". The technical rules applicable to marine equipment come from three sources: the Convention for the Safety of Life at Sea (SOLAS), the Resolutions of the International Maritime Organization (IMO) and the European Standards (EN).

**The RIVIERA class B compasses of the POLARE type have been certified in accordance with MED 2014/90 EU.**

**RIVIERA POLARE: This Type of compasses is Certificated as lifeboats and rescue boats equipment.**

Any MED certificate for the single compass must be requested when ordering and cannot be issued after supply.



### INSTALLATION

Please read the following carefully.

- 1) Choose the installation site so that it is as far away as possible from magnetic fields, or other moving ferrous masses.
- 2) Refer to the on board mounting scheme contained in the box.
- 3) Before connecting the two LED lighting wires to the on-board system, check the correspondence of the network voltage.
- 4) At the end of the installation, have the compensation of the RIVIERA compass performed by an authorized professional.

### COMPENSATION & MAINTENANCE

Riviera compasses are calibrated for zone A. On request, when ordering, they can be calibrated for zone B or C. After installation on board, compass compensation must be carried out by a professional authorized by the local Maritime Authority who will operate on the screws accessible through the lower transverse holes.

Clean the Riviera compass with a soft cloth moistened with fresh water.

### REPAIR

For the purposes of forfeiture of the warranty terms and for your safety, any repairs may be carried out only and exclusively by the manufacturer. In case of need, please contact RIVIERA Srl - [info@rivieragenova.com](mailto:info@rivieragenova.com)

### LIQUID

The liquid contained in the RIVIERA compasses is stable in the temperature range from -30 ° to + 60 ° C. In this range there should be no bubbles, this is guaranteed by an elastic membrane that compensates for volumetric variations. The liquid is Shell SolD / 70 (petroleum).



**ATTENTION:** Never unscrew the filler plugs and screws for any reason. The only screws to adjust are those of the compensators (with a non-magnetic screwdriver). When the cut of the compensator screws is in the horizontal position the compensation is neutral, bringing the cut in the vertical position is maximum.

### GENERAL FEATURES

Apparent diameter 3" (80 mm) or 4" (100 mm)  
Mounting: binnacle or flush  
Dial gradation 5°  
Dial colors: black, white, red or blue  
Front reading  
LED lighting 12V (24V on request), blue color as standard  
Anti-glare screen  
Internal gimbal suspension  
Built-in manual compensation  
3 years warranty  
100% repairable  
Weight: 3" 0,800 kg - 4" 1,400 kg

### PACKAGING

The RIVIERA POLARE compass is delivered in protective packaging suitable for international shipping  
1 box dim.14x16x12 cm total weight Kgs. 0,800  
1 box dim.19x19x20 cm total weight Kgs. 1,400

## Certificate of Warranty



This document is valid as a guarantee certificate. The company RIVIERA srl Genoa guarantees that its compasses are built in a workmanlike manner and that they are free from manufacturing and material defects. If within 36 months from the date of manufacture (stamped on the flange) the product should show malfunctions, the company will repair or replace it, at its sole discretion, free of charge.

The warranty is void if the damage is caused by improper use, incorrect installation or accidental breakage. **The warranty does not cover any costs deriving from assembly or disassembly of the products, transport of the same and expenses for technical personnel, even if attributable to manufacturing defects.** In the event of a dispute, the competent court is the court of Genoa.

## ALLEGATO A (ATTACHMENT A) - Istruzioni - (Instructions) BP1 - BP2

Seguire scrupolosamente le indicazioni seguenti:

1. Rimuovere il coperchio 'A' dalla bussola.
2. Rimuovere la flangia 'B' bianca esercitando una leggera pressione nel foro 'K1' con un cacciavite.  
Assicurati di non usare troppa forza quando metti il cacciavite nel foro. Puoi danneggiare il sistema Block!
3. Installare la bussola utilizzando lo schema.
4. Inserire la Flangia 'B' sopra la Bussola esercitando una leggera pressione.
5. Premere il coperchio 'A' in modalità di chiusura.

Strictly follow the instructions below:

1. Remove the 'A' Cover from the Compass
2. Remove the white 'B' Flange making a little pressure in the hole 'K1' by a Screwdriver.  
Make sure not use too Force when you put the Screwdriver in the Hole. You can damage the Block system!
3. Install the Compass using the scheme.
4. Insert the 'B' Flange above the Compass exercising a little pressure.
5. Press the 'A' Cover in closing mode.

Suivez strictement les instructions ci-dessous :

1. Retirez le couvercle 'A' du compas magnétique.
2. Retirez la bride 'B' blanche en exerçant une légère pression dans le trou 'K1' à l'aide d'un tournevis.  
Assurez-vous de ne pas utiliser trop de force lorsque vous placez le tournevis dans le trou.  
Vous pouvez endommager le système Block !
3. Installez le compas à l'aide du schème.
4. Insérez la bride 'B' au-dessus du compas en exerçant une légère pression.
5. Appuyez sur le couvercle 'A' en mode de fermeture.

Siga estrictamente las siguientes instrucciones:

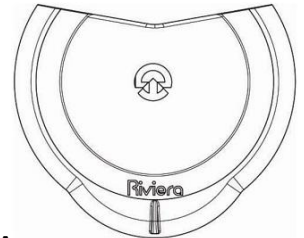
1. Retire la cubierta 'A' de la brújula.
2. Retire la brida blanca 'B' haciendo un poco de presión en el orificio 'K1' con un destornillador.  
Asegúrese de no usar demasiada fuerza cuando coloque el destornillador en el orificio.  
¡Puedes dañar el sistema Block!
3. Instale la brújula utilizando la plantilla.
4. Introducir la Brida 'B' por encima del Compás ejerciendo un poco de presión.
5. Presione la cubierta 'A' en modo de cierre.

Befolgen Sie strikt die folgenden Anweisungen:

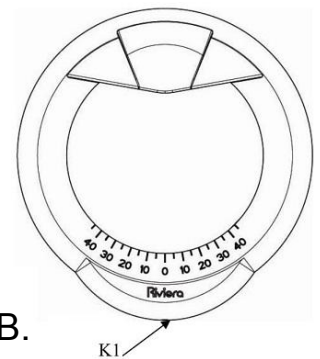
1. Entfernen Sie die 'A' Abdeckung vom Kompass.
2. Entfernen Sie den weißen 'B' Flansch, indem Sie mit einem Schraubendreher einen leichten Druck auf das Loch 'K1' ausüben. Achten Sie darauf, nicht zu viel Kraft anzuwenden, wenn Sie den Schraubendreher in das Loch stecken. Sie können das Block-System beschädigen!
3. Installieren Sie den Kompass mithilfe der Vorlage.
4. Setzen Sie den 'B' Flansch über dem Kompass ein, indem Sie ein wenig Druck ausüben.
5. Drücken Sie im Schließmodus auf die 'A' Abdeckung.

Строго следуйте приведенным ниже инструкциям:

1. Снимите крышку 'A' с компаса.
2. Снимите белый фланец 'B', слегка надавив на отверстие 'K1' отверткой.  
Убедитесь, что вы не применяете слишком сильную силу, когда вставляете отвертку в отверстие.  
Вы можете повредить систему блоков!
3. Установите компас с помощью шаблона.
4. Вставьте фланец 'B' над компасом, слегка надавив.
5. Нажмите на крышку 'A' в режиме закрытия.



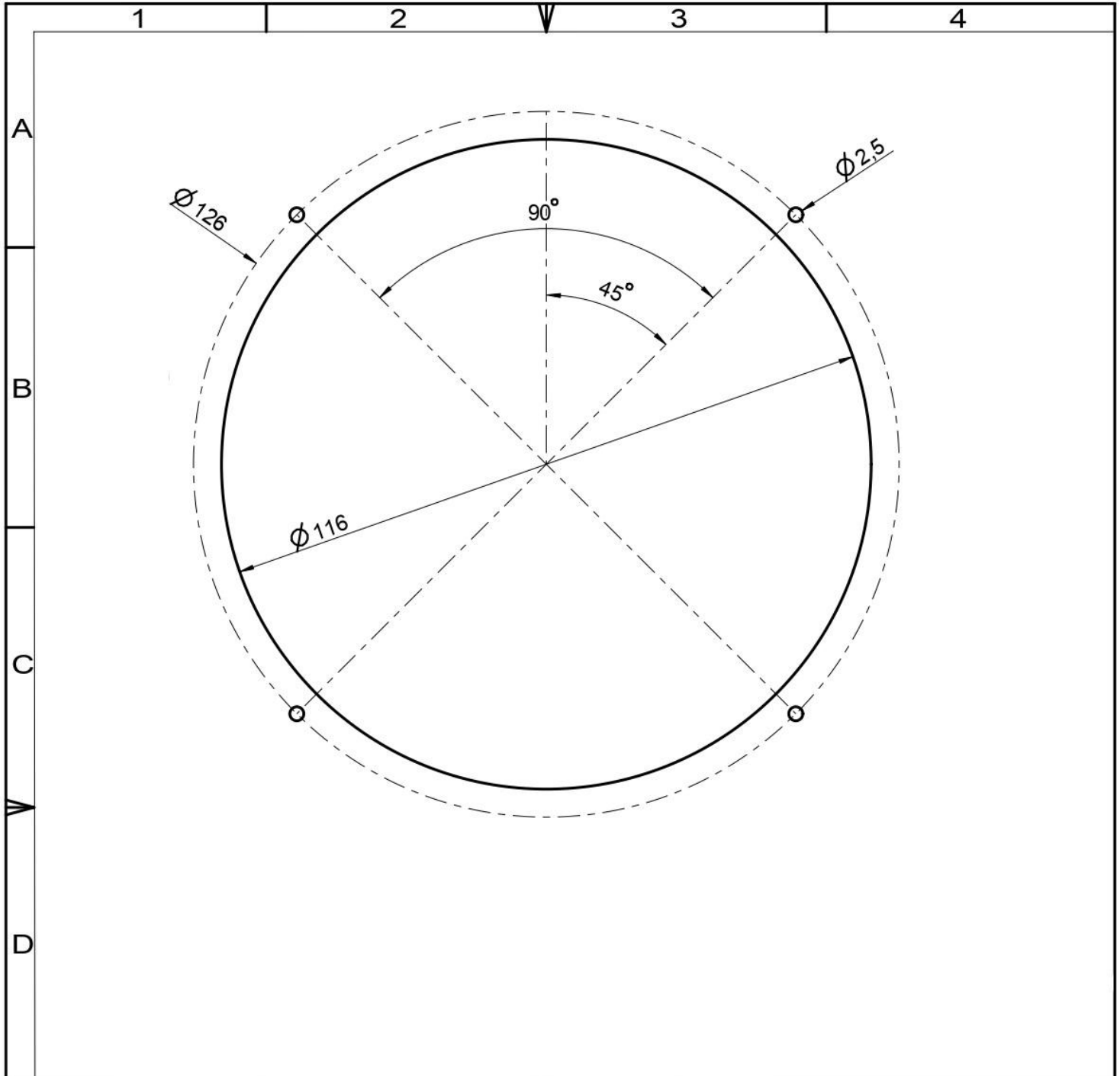
A.



B.

K1

## SCHEMA DI FORATURA (ON BOARD MOUNTING SCHEME) tipo POLARE BP1



## SCHEMA DI FORATURA (ON BOARD MOUNTING SCHEME) tipo POLARE BP2

