

## USER'S MANUAL - Magnetic compass for navigation RIVIERA type ASTRA 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.

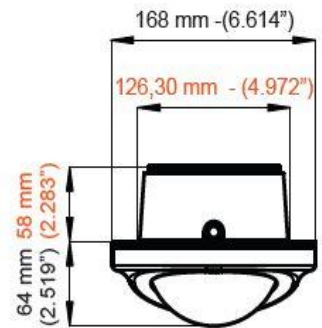
After manual assembly, it was subjected to tests and quality controls in accordance with the requirements of the Italian shipping register, RINA. It is made with materials that have proven to guarantee its functioning aboard boats for many years.

Keep this manual together with the on-board documents.

### 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) To fix the compass to the dashboard, the cover flange must be lifted. To facilitate the operation, two slots have been provided on the right and left sides. Use a slotted screwdriver and insert it inside a slot. Rotate in any direction and repeat the same procedure on the opposite side. The flange will rise and you can remove it completely. Insert the compass in the seat and fix it using the holes as per the drilling diagram provided. Reposition the cover flange paying attention to the correct insertion, in order to avoid breaking the retaining forks. As a confirmation and indication, check that the RIVIERA logo placed on the flange is in the direction of the stern of the boat.
- 5) To install the Astra compass, using the binnacle accessory, refer to attachment A.



### GENERAL FEATURES

Apparent diameter : 4" ( 100 mm)  
Mounting: flush (ceiling mount)  
Dial gradation 5°  
Dial colors: black  
Front reading  
LED lighting 12V (24V on request)  
blue color as standard  
Anti-glare screen  
Internal gimbal suspension  
Compensation not foreseen  
3 years warranty  
100% repairable  
Weight: 1,700 Kgs

### COMPENSATION & MAINTENANCE

The RIVIERA ASTRA compass can be used for zone A, B and C.

Compensation is not foreseen for RIVIERA ASTRA.  
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)

### PACKAGING

The RIVIERA WHITE ASTRA compass is delivered in protective packaging suitable for international shipping  
1 box dim. 19 x 19 x 19,50 cm total weight Kgs. 1,800

### 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.**



**ATTENTION: Opening the box, You will see an air bubble in the compass. By turning the compass into the correct mounting position, the bubble will no longer be visible.**

## 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) - Installazione con chiesuola (binnacle mounting)

Seguire scrupolosamente le indicazioni seguenti:

1. Una volta aperta la scatola, sollevare la bussola Astra appoggiata sopra la chiesuola e prelevare quest'ultima per l'installazione al soffitto.
2. Capovolgere la chiesuola, posizionarla sul soffitto mantenendo frontale il foro (colorato di rosso o di bianco), avvitare le 4 viti a croce in dotazione utilizzando 4 degli 8 fori presenti, come indicato dai fori cerchiati in Fig.1.
3. Inserire la bussola nella chiesuola, mantenendo frontale la linea di fede, in maniera da allinearla al foro (colorato di rosso o di bianco) specificato al punto precedente. (Fig.2).
4. Avvitare le 3 viti a taglio in dotazione per fissare la bussola Astra alla chiesuola.

Strictly follow the instructions below:

1. Open the box, pull up Astra compass from the binnacle, take the binnacle, for the ceiling mounting.
2. Turn over the binnacle, position it on the ceiling keeping in front the colored hole (in red or white), screw the 4 Phillips screws supplied using 4 of the 8 holes present, as indicated by the holes circled in Fig.1.
3. Insert the compass into the binnacle, keeping the lubber line in front, so as to align it with the hole colored (in red or white) specified in the previous point. (Fig.2).
4. Screw the 3 slotted screws supplied to secure the Astra compass to the binnacle.

Suivez scrupuleusement les instructions suivantes:

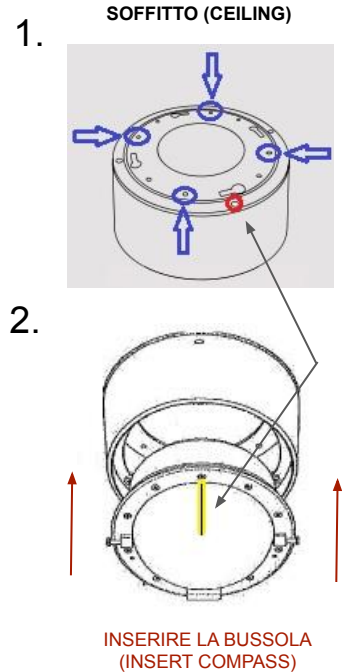
1. Une fois la boîte ouverte, soulevez le compas "Astra" posé sur l'habitacle et retirez ce dernier pour l'installation au plafond.
2. Retourner l'habitacle, le positionner au plafond en gardant le trou (de couleur rouge ou blanc) frontal, visser les 4 vis Phillips fournies à l'aide de 4 des 8 trous présents, comme indiqué par les trous encerclés sur la Fig.1.
3. Insérez le compas dans l'habitacle en gardant la ligne d'attache devant, de manière à l'aligner avec le trou (de couleur rouge ou blanc) spécifié au point précédent. (Fig.2).
4. Vissez les 3 vis à fente fournies pour fixer le compas Astra à l'habitacle.

Siga escrupulosamente las siguientes instrucciones:

1. Una vez abierta la caja, levante la brújula Astra apoyada en la bitácora y retírela para instalarla en el techo.
2. Voltee la bitácora, colóquela en el techo manteniendo el orificio (de color rojo o blanco) frontal, atornille los 4 tornillos Phillips suministrados utilizando 4 de los 8 orificios presentes, como lo indican los orificios circulares en la Fig.1.
3. Introducir el compás en la bitácora, manteniendo la línea de marcación por delante, de manera que quede alineada con el agujero (de color rojo o blanco) especificado en el punto anterior. (Figura 2).
4. Atornille los 3 tornillos ranurados suministrados para fijar la brújula Astra a la bitácora.

Befolgen Sie die folgenden Anweisungen genau:

1. Nach dem Öffnen des Kartons heben Sie den Astra-Kompass, der auf dem Gehäuse ruht, an und entfernen ihn für die Montage an der Decke.
2. Drehen Sie das Gehäuse um, positionieren Sie es an der Decke und halten Sie dabei das Loch (rot oder weiß) nach vorne. Schrauben Sie die 4 mitgelieferten Kreuzschlitzschrauben in 4 der 8 vorhandenen Löcher ein, wie durch die eingekreisten Löcher in Abb. 1 angezeigt.
3. Führen Sie den Kompass in das Kompasshaus ein und halten Sie dabei die Steuerlinie vorne, um ihn mit dem im vorherigen Punkt angegebenen Loch (rot oder weiß) auszurichten. (Abb.2).
4. Schrauben Sie die 3 mitgelieferten Schlitzschrauben fest, um den Astra-Kompass am Binnacle zu befestigen.



## SCHEMA DI FORATURA (ON BOARD MOUNTING SCHEME) tipo URANIA BU3 - ASTRA BAS1

