

IRIS 100 INSTRUCTIONS

Thank you for buying our PLASTIMO compass. Its creation is the result of our long experience in compasses and every care has been taken to ensure that you have an excellent quality product.

The choice of components make the IRIS 100 unique and ensure that you will enjoy many long years of use.

FITTING THE IRIS 100

The IRIS 100 can be fitted in any position:

- vertical or tilted with the dome facing upwards or downwards;
- horizontal with the dome facing upwards of downwards.

FITTING THE IRIS 100 ONTO ITS BRACKET

The IRIS 100 slides into its bracket that can be located anywhere on the boat. The design of the bracket is such that even when the dome is facing downwards, the compass stays firmly in place.

FITTING THE BRACKET

1 - Identify the best location for the bracket with the compass in place.

Note:

- It is important that the compass be placed parallel to the lubber line along the axis of the boat.
 - Locate an area on board that is not subject to magnetic disturbance, i.e. at least 1 m away from any items such as the engine, loud speakers, electrical goods...
- 2 - Mark the position with a pencil.
 - 3 - Take the compass out of the bracket.
 - 4 - Return the bracket to its planned location and mark the position of the screws. Ensure that the bracket is the right way up.
 - 5 - Use a 3 mm drill for the holes.
 - 6 - Fasten the bracket with the screws supplied.

Note: Extra brackets can be fitted in order to be able to use the IRIS 100 in other locations.

USING THE IRIS 100

As with all compasses, the magnetic card of the IRIS 100 always shows north. The card is static and the compass and its lubber lines move round it.

In order to follow a course or take correct bearings, the IRIS 100 offers either direct or horizontal reading. It is the figure just behind the front lubber line or just in front of the back lubber line that should be read. In order to avoid parallax errors, ensure that these two lubber lines are in line with one another. In order to ensure correct readings ensure that the IRIS 100 is used well away from any metallic objects.

Reminder: True heading = magnetic heading + V + D. V = variation (see charts). D = deviation (due to magnetic disturbance).

Note: algebraic values should be taken into account. When V and/or D are East: add (+). When V and/or D are West: subtract (-).

PRECAUTIONS FOR USE

- When the IRIS 100 is not in use, store it in the protective case supplied.
- Avoid leaving the compass in the sun or behind a windscreen.
- Avoid contact with hydrocarbons (fuel, oil...).

MAINTENANCE

Clean the dome with fresh water and optical lens cleaning fluid. Do not use detergents.

OPTIONAL EXTRAS

Additional bracket: reference 22477.

LIGHTING

Insert the battery by removing the stopper and sliding the electronic circuit from its slot. Place the battery in its correct position and return the electronic circuit to its slot. Ensure that the stopper is firmly in place. To switch the lighting on and off, press the end of the stopper. Do not leave used batteries in place as they risk leaking.

Power requirements: AAA, LR03 or AM4 alkaline battery (1,5 V).

Battery life: 50 hours (10 hours with rechargeable batteries).

Replacement electronic circuit, reference: 24109.