

Thank you for choosing Reef Fanatic pH monitor. Our pH monitor offers accurate and continuous pH reading. It also has a built in audible alarm which will sound when the pH reading goes above or below the user selected set point. Both Hi and Low setting are available depending on the user requirement. Our pH monitor utilizes 110V AC power.

**Caution:** Please note that the pH monitor is NOT waterproof and MUST be operated on a dry surface.

#### Package Check List

1. One pH monitor (base unit)
2. One pH probe
3. One pH4 OR pH10 calibration buffer
4. One pH7 calibration buffer

**Note:** You will also need a cup of RO water (room temperature recommended) before you begin the setup procedure.

#### Setup

1. Connect the pH probe to the BNC input terminal of the base unit.
2. Connect the power cord from the base unit to the 110V AC outlet.
3. Remove the protection cap from the pH probe.
4. Rinse the tip of the probe with RO water and gently shake off the water.
5. Dip the tip of the pH probe in pH7 calibration fluid. Wait approximately 10 to 15 seconds for the reading to stable. Use the flat head screw driver to adjust the pH7 knob until the display reads exactly 7.00.
6. Rinse the tip of the probe with RO water and gently shake off the water.
7. Dip the tip of the pH probe in either pH4 or pH10 calibration fluid. Wait approximately 10 to 15 seconds for the reading to stable. Use the flat head screw driver to adjust the slop pH10 knob until the reading reads exactly as the calibration fluid used. If pH4 calibration fluid is used, the adjustment should be made so the reading reads 4.00. If pH10 calibration fluid is used, the adjustment should be made so the reading reads 10.00.
8. Rinse the tip of the probe with RO water and gently shake off the water.
9. Place the probe in the water that you want to take pH reading.

#### Setup Alarm

1. Place the probe in the water that you want to take pH measurement.
2. Slide the **pH/Set** switch to set position, and adjust the **Set** knob until the display reads the desire pH alarm value.

3. Slide the **Hi/Lo** switch to **Hi** position if you want the alarm to sound when the pH level goes above the set point. Slide the **Hi/Lo** switch to **Lo** position if you want the alarm to sound when the pH level goes below the set point.
4. Slide the **pH/Set** switch back to pH position when done.

#### Maintenance

- Clean the probe tip gently with a soft toothbrush once every month.
- The pH probe should be replaced when it cannot be calibrated any longer.

#### Important

- Reef Fanatic pH monitor is NOT waterproof and MUST be operated on a dry surface.
- The protective cap MUST be removed from the probe tip prior to use.
- You may find the white residue around the protective cap of the pH probe. This is normal. The residue can be washed off with water.
- The pH probe tip MUST be kept wet at all time.

#### Warranty

- Reef Fanatic offers a one year limited warranty from the purchase date (excludes pH probe) pH probe warranty is 90 days. A proof of purchase is required for warranty claim.
- Removal or alteration of the serial number will void warranty.
- Any defective product MUST be sent freight prepaid with a proof of purchase supporting the warranty claim to Reef Fanatic Inc. Replacement or repair will be at the discretion of Reef Fanatic Inc.
- If you have any further questions, please email us at [reef@reeffanatic.com](mailto:reef@reeffanatic.com).

#### Specification

Voltage: 110V AC

Power Consumption: Approximately 2 watts

pH Range: 0pH to 14pH

Resolution: 0.01pH

pH Accuracy:  $\pm 0.02$ pH after calibration

Operating Temperature: 32°F to 122°F

Operating Humidity: Less than 90%



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