

Digital Display Electronic Heating Rod Instruction

Multi-functional digital display electronic heating rod with simple and atmospheric square appearance adopt advanced integrated circuit technology and improved function design. LED display, can clearly and accurately indicate the water temperature, highlighting the noble and natural color of the aquarium.

Welcome to use our product. Please read this instruction carefully before using this product, and keep it in an appropriate place for future reference.

Firstly Safe Use And Function

1. Check whether the quartz tube damages.
2. This product cannot be disassembled or repaired or modified.
3. The heater should be completely immersed in water and should not be exposed to the surface of the water.
4. It is widely suitable for all kinds of aquariums or its derivatives. This product needs to be completely immersed in water. Please use and operate it properly.
5. When removing product from water, avoid pulling the power cord directly.
6. The product power supply must be protected by a leakage short circuit switch.
7. It is necessary to pay special attention to the fact that water must not enter into the external controller and the joint. If so, it will cause a short circuit or something serious and can't continue to use it.

Model	YRB-810	YRB-820	YRB-830	YRB-850
Power	100W	200W	300W	500W
Voltage	AC220-240V, 50Hz			
Range of temperature	20 °C - 35 °C adjustable accuracy ± 1 °C			

Secondly Features

1. Power-off memory function, power-on automatically remembers the last set temperature.
2. The internal over-temperature protection system is set. When the water temperature exceeds the set temperature by 1 °C, the display shows E1, the yellow-green indicator light flashes continuously and stops heating.
3. Full-automatic constant temperature function, when the water temperature reaches the set temperature value, it will automatically stop heating. Otherwise, it would automatically heat and maintain the water temperature.
4. Light touch and external button adjust temperature in circulation. It is easy and convenient to use.
5. Temperature accuracy reach ± 1 °C.



YRB-8

Control

Thirdly Heating Rod Installation Guidance: As Shown Below

The Heating Rod Should Not Be Exposed To The Water Surface As Shown In Figure 2, It Is A Wrong Way To Be Heated.



Fourthly Temperature Setting Method

1. Please set the temperature as follows:
- 2) The contents displayed by the digital tube include the current temperature, the set temperature, and the alarm prompt. The green LED and the yellow LED respectively indicate the set temperature and the heating indication.

3) The bottom can adjust the temperature increase or decrease. The temperature adjustment value from 20 °C to 35 °C. The adjustment mode is cyclic adjustment with single press or consecutive press function.

4) Please press the external temperature adjustment button. Used the LED digital screen is "flashing" and the green indicator light is on, press again and the flashing temperature of the display changes in turn. Set temperature based on the actual need. After you depressing button, the digital screen continues to flash the set temperature, and then the current water temperature is displayed. When you finish all, the product automatically enters the working state.

5) When the yellow LED is on, it means that the product enters the working state when the yellow LED is off, it means that product stops working.



Error symbol	Error indication	Failure analysis	Trouble shooting
E1	Indicates that the actual water temperature exceeds the set temperature by over.	1. Check if the heating rod is above the water surface, and the probe is not in contact with the water. 2. Check to make sure that the temperature probe is short or open circuit.	1. Sink the heating rod into the water about 10cm. 2. Remove other heaters.
E2	Temperature probe abnormal	Probe detection temperature is higher than 36.5 °C.	Return to company for maintenance.
E8	High temperature alarm	Probe detection temperature is higher than 36.5 °C.	1. Troubleshoot according to E1. 2. Return to the company for repairing.

3. When using this product, it is recommended to be equipped with water pump to keep the water circulating so as to ensure the temperature accuracy.

Fifthly How To Maintain

1. After using for a period of time, the dirty sediment on the outer glass tube will affect the heating effect. Please clean it regularly.
2. When you do not need to use this product for a period of time, please clean it and keep it out of reach of children.
3. Under normal use of this product, the warranty period is 3 months. In case of abnormal conditions such as man-made damage, transportation breakdown or self-maintenance, we do not provide warranty service. If you find any quality problems during the use of this product, please return it to the dealer or the company for maintenance and do not dismantle it by yourself.