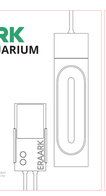
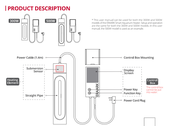
ERAARK
SMART AQUARIUM HEATER
User Manual



Carefully read this User Manual before using this product and keep it for your reference in an appropriate place for future reference.

PRODUCT DESCRIPTION



* The cable included with the heater is specifically designed for aquarium use. Please do not use it for other purposes.
* Photos/images shown for illustration purposes only. Actual product may vary slightly in appearance.
* Do not attempt to dismantle, repair, or modify the heater.

INSTRUCTIONAL VIDEO ON PROPER SETUP AND OPERATION

Scan the QR code to watch the instructional video on proper setup and operation.

SET UP AND USE

1 Install the suction cup

USE THE APP

Download the app from the Google Play or APPKF Store.

Search for "Smart Aquarium Heater" in the app store. Download and install the app. Open the app, and on the main page, click the "+" button to add a new device. Follow the prompts to complete the setup.

Alternatively, you can scan the QR code below to download the app.

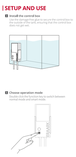
1 Install the heating element

Secure the heating element to the inside of the tank using the suction cup. Ensure the suction cup is firmly attached to the tank's interior for optimal performance. Avoid placing the heater in a high-flow area to prevent vibrations and noise. Maintain a minimum distance of 10 cm between the heater and the tank's bottom to ensure proper heat circulation.

SETUP AND USE

1 Install the submersion sensor

Place the submersion sensor in the aquarium water to monitor the water temperature.



2 Turn on the device

Plug in the power cable. The device will turn on automatically and enter the last used mode.

3 Choose operation mode

Use the app or the device's control panel to switch between Smart mode, Standby mode, and Manual mode.

KEY DESCRIPTION

Power key
Short press: Turn on WiFi network functionality
Long press: Turn device power

Function key
Short press: Switch between normal mode and smart mode

Adjust for temperature
Short press: Adjust the current temperature displayed mode. The actual set temperature will be displayed after 5 seconds. Long press: Switch between Celsius (°C) and Fahrenheit (°F) in the Temperature Display Unit Mode.

Interface
Do not insert foreign objects into the socket. Doing so may damage the heater.

MODE DESCRIPTION

Smart mode: In Smart mode, the heater will automatically adjust the water temperature to the set temperature.

Childlock mode: Prevents unintended changes to settings.

Normal mode (no icon indication): The heater will operate at its maximum power to rapidly heat the water until the set temperature is reached.

Treatment mode (no icon indication): Allows for the gradual adjustment of water temperature over a specified period. The heater will slowly increase the water temperature to the set temperature over the specified time, ensuring a controlled and gentle heating process. This mode is ideal for applications where rapid temperature changes are not desirable.

Alert notification: Displays alert notifications and error codes.

HOW TO USE THE ACCESSORIES

1 How to use the Storage Hook glue
Apply the provided glue to the suction cup and place the Storage Hook.

2 How to use the power cable anchors and ties

3 How to use the power cord protector
Wrap the power cord around the second power cord protector.

IPM (INTELLIGENT PROTECTION MODULE)

If the aquarium is accidentally or intentionally dry or malfunctions, it will automatically issue a system alert after 10 seconds and cease heating.

A MESSAGE TO OUR VALUED CUSTOMERS

* Thank you for choosing ERAARK Smart Aquarium Heater. We at ERAARK take pride in our tests to make the water hot you and your pets with technology.
* Please read this User Manual carefully before using the product. By setting up and using this product, you are acknowledgedthat you have already read and accepted the safety guidelines listed below.
* ERAARK reserves the right to modify the product specifications without prior notice or reprint the User Manual upon use of this product.
* ERAARK reserves the rights of interpretation and revision.

USER SAFETY GUIDE

* Failure to follow the safety guidelines listedmay cause result in product malfunction or other unforeseen mishaps.
* The heating element must be fully submerged in water at all times during use. Otherwise, the device will not be able to properly regulate the water temperature, posing a fire hazard.
* Please do not disassemble or modify the product in any way. This may cause damage to the device or harm the user.
* Do not place the heater in a high-flow area to prevent vibrations and noise.
* The product is only suitable for aquariums, please do not use it for other purposes.
* Do not place the heater in a closed or poorly ventilated space to prevent overheating, as this poses a fire hazard due to overheating and should not be relied upon for normal use. ERAARK is not liable for any damages caused by overheating.
* Turn off the device or remove the power source whenever moving the heating element for any reason. Disconnecting the power source ensures safety and prevents accidents.
* The power parameters of the device must comply with the parameters of the power supply. You may refer to the product packaging, product tags, and the user manual for detailed information.
* Do not place the heater near flammable materials to prevent fire hazards in the event of a fire or smoke.
* Do not continue to use the power cable if it is damaged in any way, as it poses a fire risk. Doing so may result in contraband problems, such as electric shock or fire. Please contact the manufacturer or a professional electrician for assistance in repairing or replacing the cable.
* Children are not allowed to touch or operate this product.
* When the water level in the aquarium is insufficient, or when the heating element, you must remove the power source of the tank, or alternatively, if you instead choose to turn off the power switch, it is forbidden to maintain the heating element when it is charged.
* If you wish to remove the heating element, turn it off first and wait for at least 5 minutes so that it can cool down.
* Removing the heating element from the water too soon may cause damage to the device.
* The heating element must be used in a regularly circulating tank of water. The heating element must be fully submerged in water during use.
* The heater can only

MAINTENANCE AND CLEANING

* Wipe or gently the heating element in a cotton, cross-shaped, regularly clean off the heating element and submersion sensor.
* Avoiding sure it is not covered over by algae or scale, which may result in failure of the submersion sensor failure.
* The heating element cannot be covered or buried by other objects.

BASIC SPECIFICATIONS

Product Name	ERAARK Smart Aquarium Heater
Product Code	8501
Controller Dimensions	70mm*39mm*120mm
Main Device Dimensions	92mm*39mm*120mm
Total Weight of Device	1.7kg
Rated Voltage	120~ 60Hz
Rated Power	800W
Product Name	ERAARK Smart Aquarium Heater
Product Code	8501L
Controller Dimensions	70mm*39mm*120mm
Main Device Dimensions	92mm*39mm*120mm
Total Weight of Device	1.8kg
Rated Voltage	120~ 60Hz
Rated Power	1200W

Manufacturer:
Dongguan Eraaraqua Technology Co., Ltd
Address:
A-1-B, 2F, Liantaiheng Body Testing Area, Pingdong Industrial Park, Pingdong Village, Pingdong Town, Dongguan City, Guangdong Province, China

Disposal
The European directive 2012 / 19 / EU on Waste Electrical and Electronic Equipment(WEEE), requires that old household electrical appliances must not be disposed in the normal unsorted municipal waste stream. Old appliances must be collected separately in order to optimise the rate of recovery and recycling of the materials they contain, and prevent any environmental or health impacts associated with. The crossed out "wheelie bin" symbol on the product reminds you of your obligation when you dispose of any electrical appliance. Contact your local authority or retailer for information regarding the collection, reuse and recycling of the correct disposal of their old appliance.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and （2）This device must accept any interference received, including interference that may cause undesired operation.

FCC warning:
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC warning:
(1)
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Avertissement:
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.
L'exploitation est autorisée à la condition suivante:
(1) Appareil ne doit pas produire de brouillage, et
(2) L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même le brouillage susceptible de compromettre le fonctionnement.