

User Guide

Smart Aquarium Care System

Thank you for choosing the Smart Aquarium Care System to ensure the well-being of your aquatic pets. This user guide will help you set up and operate your device effectively. Please read through the following instructions carefully.

Setup Instructions

- 1. Power Supply:** Connect a 12V, 1A power supply to the device. Ensure that the device is kept out of the water to prevent any short circuits.
- 2. Positioning:** Place the device in a stable position, ensuring it is level to avoid any issues with food disposal.
- 3. On/Off Switch:** Use the power switch located on the side of the device to turn it on or off.

Operating Your Device

The Smart Aquarium Care System is designed for ease of use. It features three buttons and an LCD display for operation.

1. Welcome Screen

- The device starts with a welcoming screen, indicating it's ready for your input.
- After a few seconds (approximately 3 seconds), it will automatically switch to the first screen.

2. First Screen

- Button 1: Used to change the "Feeding Interval", with options of 12, 8, 6, or 4 hours.
- Button 2: Press this button to navigate to the next screen (Second Screen).
- Button 3: To reset the device, press this button. Ensure the food container is filled when resetting to avoid a "Food Level Low" message at the wrong time.

3. Second Screen

- **Timer:** In the bottom line of the screen, a timer displays the time elapsed since the last food dispensing.
- **Gate Open Counter:** In the top line of the screen, it shows how many times the gate has opened.
- **Button 1:** Use this button to adjust the number of times the food gate opens (“Gate Openings”) during one feeding interval. Options are 1, 2....8 times.
- **Button 2:** Press this button to pause the timer. Press again to resume it.

Troubleshooting

Common Issues and Solutions:

- **LCD Display Issues:** If the LCD display shows squares or unusual characters, reset the device until the welcome screen appears.
- **Timer Stuck or Not Working:** This can occur due to temperature sensor (DHT11) issues or loose button wire connections. Replace the sensor or check the basic button connections.
- **SMS Notifications Not Sending:** Check if the GSM module is connected to the cellular network. Ensure the red LED on the GSM module blinks every 3 seconds. If it doesn't, replace the SIM card with another service provider's SIM.

Additional Issue and Solution:

- **No Power to the Device:** In some cases, the device may not receive power, which can disrupt its operation. Ensure the device is properly connected to a 12V, 1A power supply. Double-check the power switch and connection to resolve this issue.

For any other issues, please contact customer support.

Enjoy using your Smart Aquarium Care System to provide optimal care for your aquatic pets!

Customer Support:

If you encounter any issues or have questions about the "Smart Aquarium Care System," please don't hesitate to contact our customer support team. We're here to assist you.

Telephone: For immediate assistance, you can reach our support team at < ----- >.

Email: Feel free to email us at < ----- > for inquiries or assistance.