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> [Pawfly](#) /

> Pawfly 33W Aquarium LED Light (Model AL2515) Instruction Manual

## Pawfly AL2515

# Pawfly 33W Aquarium LED Light (Model AL2515) Instruction Manual

BRAND: PAWFLY | MODEL: AL2515

## INTRODUCTION

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Thank you for choosing the Pawfly 33W Aquarium LED Light. This manual provides essential information for the safe and efficient operation of your new aquarium light. Please read these instructions carefully before installation and use, and keep them for future reference.

## PRODUCT OVERVIEW

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The Pawfly 33W Aquarium LED Light is designed to provide full spectrum lighting for 48 to 54 inch fish tanks. It features extendable brackets, adjustable timer functions, and multiple lighting modes to create an optimal environment for your aquatic life.



Figure 1: Pawfly 33W Aquarium LED Light with extendable brackets.

### Key Features:

- **Full Spectrum:** Contains 6500 K white light, 450 nm blue light, and 660 nm red light. LUX: 2500; PAR: 55; CRI: 90.
- **2 Lighting Modes:** Easily switch between daytime and night modes.
- **6 Intensity Levels:** Adjust brightness for white, red, and blue lights independently.
- **Auto On/Off Timer:** Built-in timer with 3 optional lighting durations: 8 h, 10 h, and 12 h.
- **Extendable Brackets:** Fits tanks from 48 to 54 inches (min length: 46"; max length: 68.7").

### SETUP

#### Package Contents:

- 1 x Pawfly 33W Aquarium LED Light
- 2 x Extendable Brackets
- 1 x Power Cable with Timer Controller

## Installation Steps:

1. Carefully remove all components from the packaging.
2. Attach the two extendable brackets to each end of the LED light fixture. Ensure they are securely fastened.



Figure 2: The sturdy metal brackets provide stable support for the light fixture on the aquarium.

3. Place the assembled light fixture on top of your aquarium. Adjust the extendable brackets to fit the length of your tank (48 to 54 inches). The brackets are designed to keep the light steady.

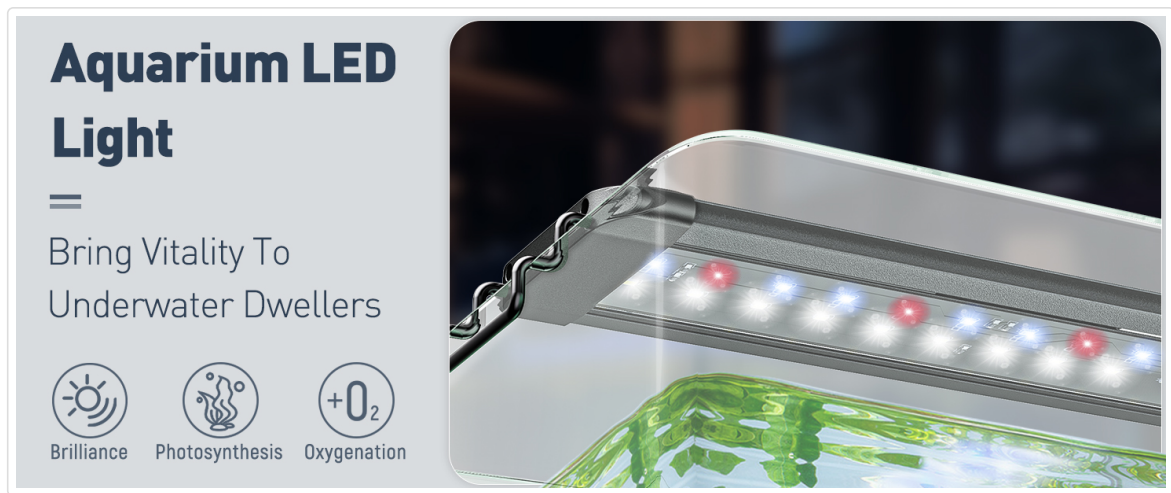


Figure 3: The extendable design allows the light to fit various tank sizes from 48 to 54 inches.

4. Connect the power cable to the light fixture and then plug the power adapter into a suitable electrical outlet.

## OPERATING INSTRUCTIONS

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### Control Panel Overview:

The light is controlled via an inline timer controller on the power cable. This controller features buttons for mode selection (M), brightness adjustment (D for white/red, N for blue), and timer settings.

# Auto On/Off

Customize the most suitable lighting time for your fish



Figure 4: The inline controller for setting timer and adjusting light modes.

## Setting the Timer (Auto On/Off):

The built-in timer allows you to set automatic lighting durations. Choose from 8, 10, or 12 hours.

1. Ensure the light is powered on.
2. Press the timer button (often indicated by a clock icon) on the controller.
3. Repeatedly press the timer button to cycle through the available durations: 8H, 10H, 12H.
4. Select your desired duration. The light will then operate for that period within a 24-hour cycle, simulating natural day/night.

## Adjusting Light Modes and Intensity:

The light offers two main modes and six intensity levels for customization.

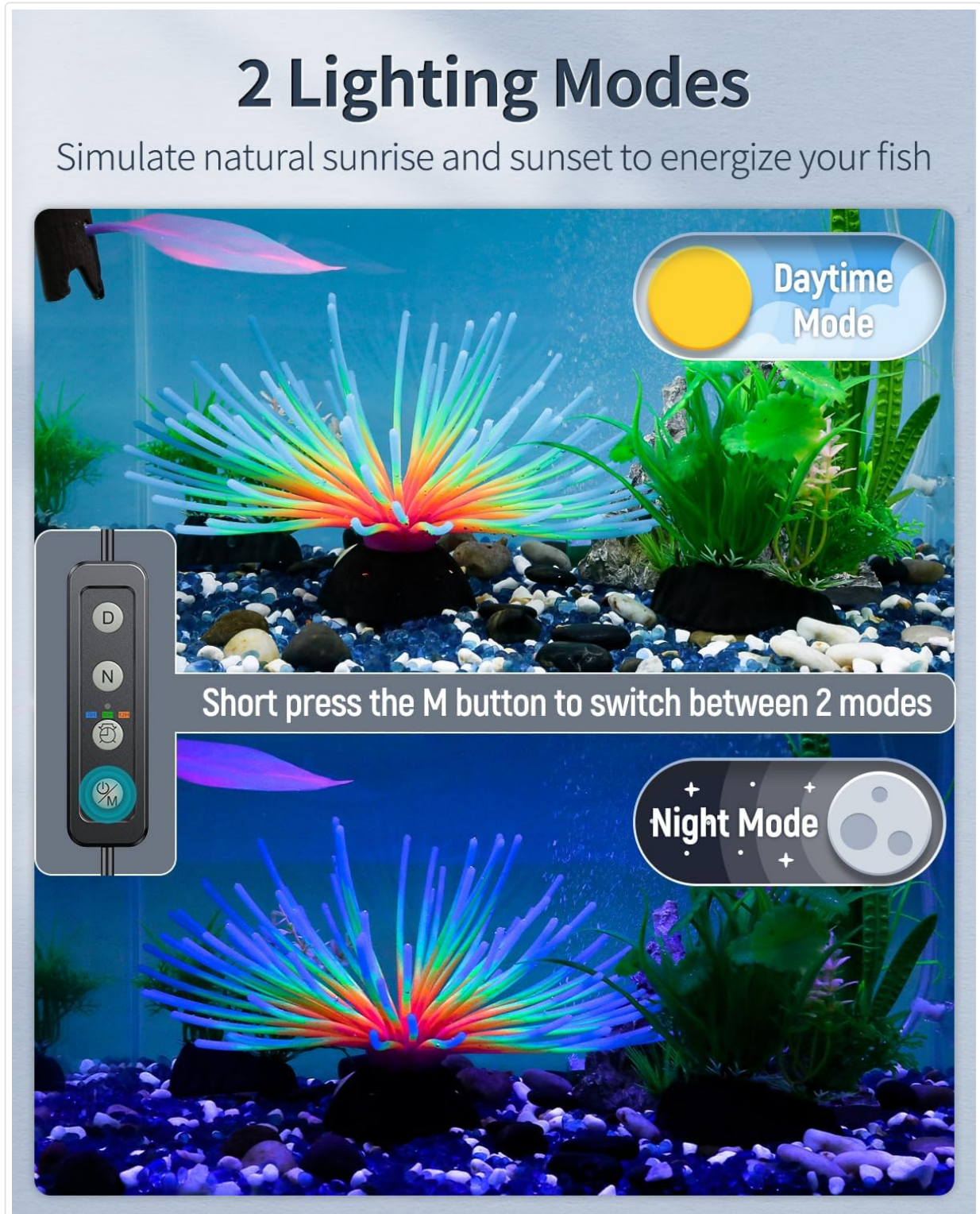


Figure 5: Switch between Daytime Mode (full spectrum) and Night Mode (blue light only).

- Switching Modes:** Short press the 'M' button repeatedly to switch between Daytime Mode (all lights on) and Night Mode (only blue light on).
- Turning Off All Lights:** Hold the 'M' button for 3 seconds to turn all lights off.
- Adjusting Daytime Mode Intensity:**
  - Press the 'D' button to control the brightness of the white and red lights.
  - Press the 'N' button to control the brightness of the blue light.
- Adjusting Night Mode Intensity:** (Only blue light is on)
  - Press the 'N' button to adjust the luminance of the blue light.

# Full Spectrum

Imitated sunlight for the healthy growth of aquatic lives

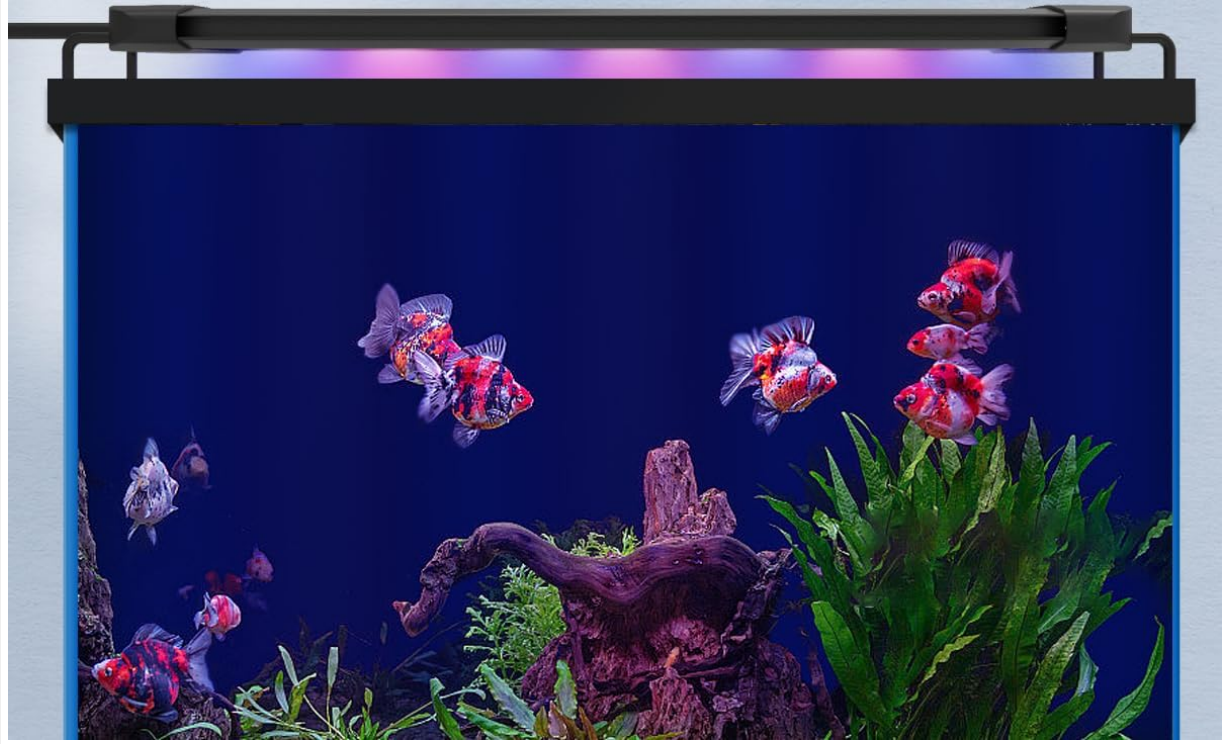
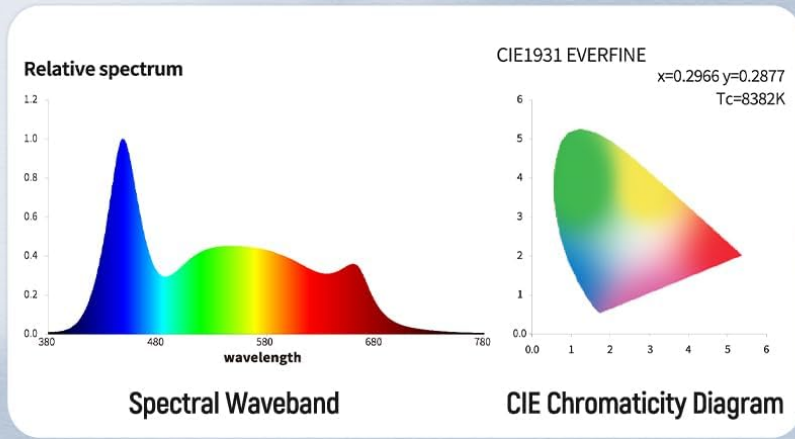


Figure 6: Adjust light intensity for both daytime and night modes.

## Full Spectrum Lighting:

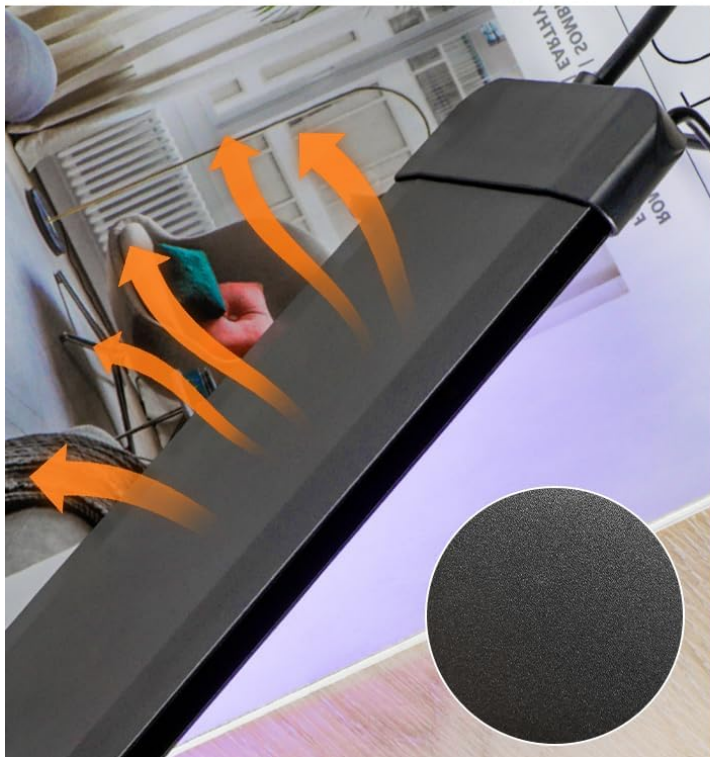
The light provides a full spectrum of colors to enhance the natural appearance of your aquarium and support plant growth.

# IP67 Waterproof

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Effectively keep out water vapor and droplets

(Do not submerge it in the water)



## Solid Aluminum Shell

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Fast heat dissipation  
& resistance  
to impact

Figure 7: The full spectrum light enhances the colors of your aquatic environment.

## MAINTENANCE

### Cleaning:

- Always unplug the light from the power outlet before cleaning.
- Wipe the light fixture with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- The light is IP67 waterproof, meaning it is protected against water splashes and dust. However, **do not submerge it in water.**

# 6 Levels of Light Intensity

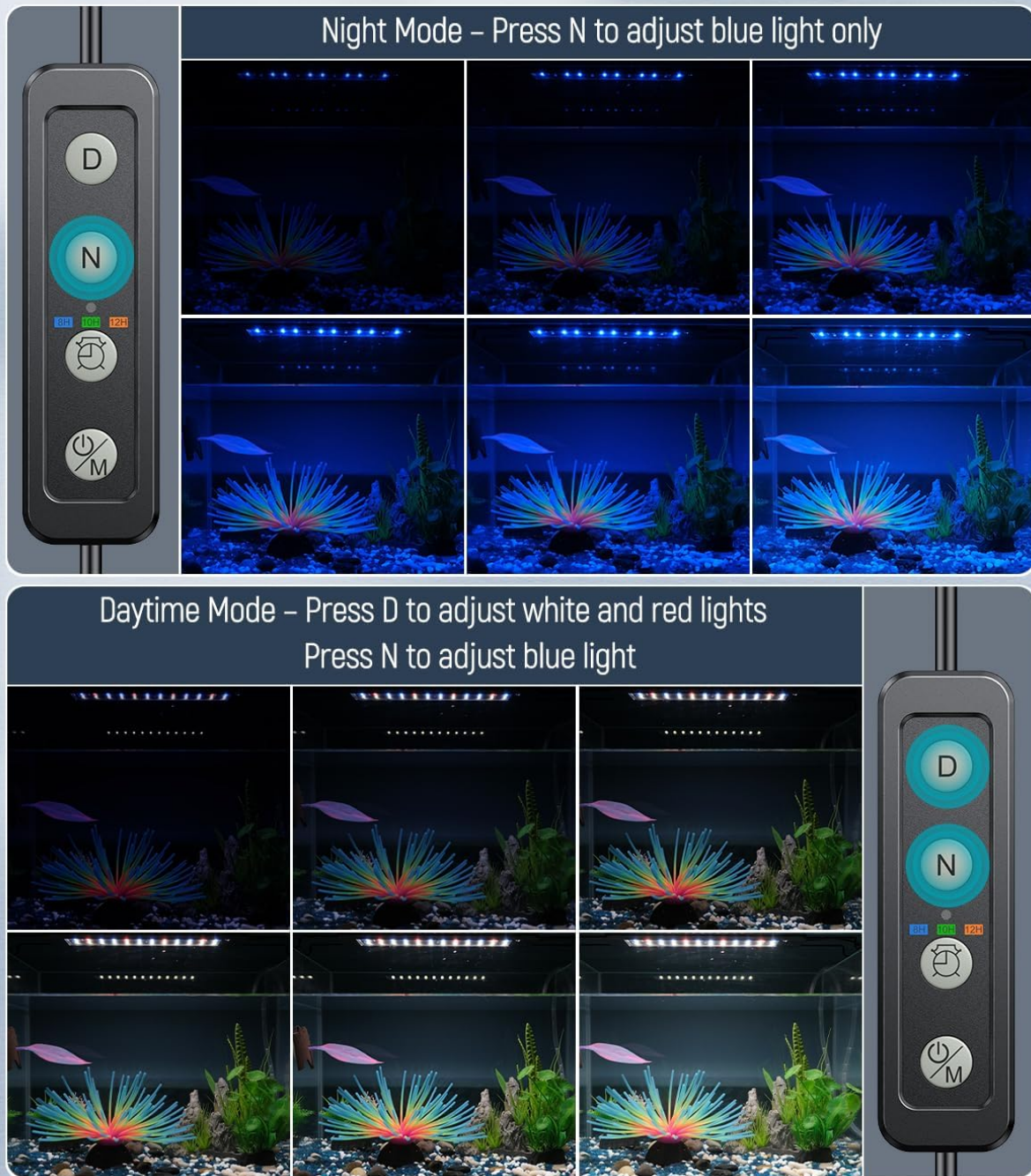


Figure 8: The IP67 waterproof rating protects against splashes, but the light should not be submerged.

## Storage:

When not in use for an extended period, store the light in a cool, dry place away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

- **Light not turning on:** Check if the power adapter is securely plugged into both the light fixture and the electrical outlet. Ensure the power button on the controller is pressed.
- **Timer not working correctly:** Verify that the desired timer duration (8H, 10H, or 12H) is selected. If issues persist, try unplugging and re-plugging the power to reset the controller.

- **Lights too dim or too bright:** Use the 'D' and 'N' buttons on the controller to adjust the brightness levels in both daytime and night modes.
- **Inconsistent light output:** Ensure the light fixture is clean and free from water spots or debris that might obstruct light emission.

If you encounter any issues not covered here, please refer to the customer support section.

## SPECIFICATIONS

Feature	Detail
Product Dimensions	116 x 8.2 x 7.3 cm; 1.24 kg
Item Model Number	AL2515
Light Source Type	LED (6500 K white, 450 nm blue, 660 nm red)
Power	33W
Mounting Type	Table Mount (Extendable Brackets)
Water Resistance	IP67
Included Components	Power Cable, Timer

## WARRANTY INFORMATION

This Pawfly Aquarium LED Light comes with a **1-year manufacturer's warranty**. Please retain your proof of purchase for any warranty claims. The warranty covers defects in materials and workmanship under normal use.

## CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact Pawfly customer service through the retailer where you purchased the product or visit the official Pawfly website for contact information.