

Kessil AP9X

Kessil AP9X LED Aquarium Light System User Manual

Model: AP9X

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Kessil AP9X LED Aquarium Light System. This system includes the Kessil AP9X LED Aquarium Light, the Kessil AP9X Mounting Arm, and the Extended Slide Bar. Please read this manual thoroughly before use to ensure proper setup and optimal performance.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the product:

- Do not immerse the light fixture or power supply in water.
- Ensure the power cord is not damaged or pinched.
- Disconnect power before performing any maintenance or installation.
- Keep out of reach of children.
- Operate the light in a well-ventilated area to prevent overheating.
- Do not look directly into the LEDs when the light is on, as it may cause eye strain.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Kessil AP9X LED Aquarium Light
- Kessil AP9X Mounting Arm
- Extended Slide Bar
- Power Adapter

- Mounting Hardware

4. SETUP

4.1 Mounting Arm Installation

The Kessil AP9X Mounting Arm is designed for secure attachment to your aquarium. Attach the mounting arm to the back rim of your aquarium using the provided clamps. Ensure the arm is stable and securely fastened before proceeding.



Image 1: Kessil AP9X Light mounted on the arm with the extended slide bar.

4.2 Extended Slide Bar Installation

If your tank is wider, attach the Extended Slide Bar to the Kessil AP9X Mounting Arm. This accessory extends the reach of the mounting arm by up to 8 inches, allowing for optimal light placement over tanks up to 36 inches wide. Slide the bar into the designated slot on the mounting arm and secure it with the provided fasteners.

4.3 AP9X Light Installation

Carefully attach the Kessil AP9X LED Light fixture to the end of the mounting arm (or extended slide bar). The light's lightweight design allows for easy installation. Ensure the light is firmly secured and can swivel as desired to adjust the light angle and minimize shadows.



Image 2: Underside view of the Kessil AP9X LED Aquarium Light, showing the cooling fan and branding.



Image 3: Side profile of the Kessil AP9X LED Aquarium Light, highlighting its slim design.

4.4 Power Connection

Connect the power adapter to the Kessil AP9X light fixture, then plug the adapter into a suitable power outlet. Ensure all connections are secure before powering on the device.

5. OPERATING INSTRUCTIONS

5.1 Wi-Fi Connectivity and App Control

The Kessil AP9X features built-in Wi-Fi for advanced control via the Kessil app. Download the official Kessil app from your device's app store. Follow the in-app instructions to connect your AP9X light to your home Wi-Fi network. The app provides detailed control over light intensity, color spectrum, and scheduling.

5.2 Basic Operation

Once connected, use the Kessil app to turn the light on or off and adjust the overall intensity. The light can also be controlled via onboard buttons for basic functions if app control is not desired.

5.3 Advanced Features

Utilize the app to access advanced features such as the Violet Channel, which enhances coral coloration and growth. Create custom lighting schedules to simulate natural day-night cycles and seasonal changes for your aquarium inhabitants.

6. MAINTENANCE

6.1 Cleaning

Regularly clean the light fixture to ensure optimal performance and longevity. Disconnect power before cleaning. Use a soft, damp cloth to wipe the exterior of the light. Do not use abrasive cleaners or solvents. Ensure the cooling fan is free from dust and debris.

7. TROUBLESHOOTING

If you encounter issues with your Kessil AP9X, refer to the following common solutions:

- **Light not turning on:** Check power connections and ensure the outlet is functional. Verify the power adapter is correctly connected.
- **Wi-Fi connection issues:** Ensure your router is within range and functioning correctly. Restart the light and your mobile device. Re-attempt the connection process in the Kessil app.
- **Dim or inconsistent light:** Clean the light fixture to remove any dust or salt creep that may obstruct light output. Check app settings for intensity levels.
- **Overheating:** Ensure the light's cooling fan is not obstructed and the fixture is in a well-ventilated area.

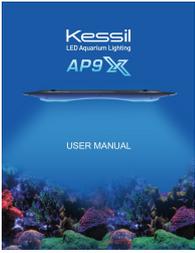
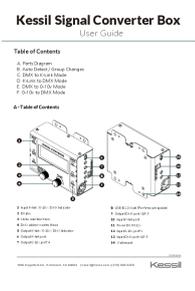
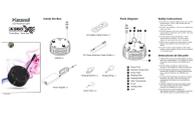
8. SPECIFICATIONS

Feature	Detail
Model	AP9X
Brand	Kessil
Light Source Type	LED
Power Consumption	180 Watts
Coverage (Mixed Reef)	4 ft x 2 ft
Coverage (SPS Reef)	3 ft x 2 ft
Control Method	App (Wi-Fi), Onboard Buttons
Connectivity	Built-in Wi-Fi
Color	Black
Material	Metal
Item Weight	8.8 pounds
Included Components	AP9X Light, Mounting Arm, Extended Slide Bar
UPC	681565298073

9. WARRANTY AND SUPPORT

Kessil products are designed for reliability and performance. For warranty information, please refer to the documentation included with your purchase or visit the official Kessil website. For technical support, troubleshooting assistance, or replacement parts, please contact Kessil customer service through their official channels.

Related Documents - AP9X

	<p>Kessil AP9X LED Aquarium Lighting User Manual</p> <p>Comprehensive user manual for the Kessil AP9X LED Aquarium Lighting system, covering installation, connection, operation, maintenance, troubleshooting, safety, and specifications.</p>
	<p>Kessil Signal Converter Box User Guide - Control and Configuration</p> <p>Comprehensive user guide for the Kessil Signal Converter Box. Learn how to connect and configure Kessil fixtures using DMX, K-Link, and 0-10V control modes. Includes setup instructions, DMX mapping, and operational details for various Kessil lighting systems.</p>
	<p>Kessil A360XE LED Aquarium Light User Manual</p> <p>Comprehensive user manual for the Kessil A360XE LED Aquarium Light, covering setup, control, maintenance, and troubleshooting for Tuna Blue and Tuna Sun models.</p>
	<p>Kessil W360 Animal Health UVA/UVB Light - Product Datasheet</p> <p>Detailed information on the Kessil W360 Animal Health UVA/UVB LED light, including specifications, ordering guide, features, and photometric data for optimal animal health applications.</p>
	<p>Kessil A80 LED Illuminator Owner's Manual and Installation Guide</p> <p>This guide provides comprehensive instructions for the Kessil A80 LED Illuminator, covering setup, operation, maintenance, troubleshooting, and safety. It details product specifications and features designed for optimal plant and coral growth.</p>
	<p>Kessil W500 Interior Landscape / Aquascape Light - 175W LED</p> <p>Detailed specifications, ordering guide, and photometric data for the Kessil W500, a 175W LED light designed for interior landscape and aquascape applications. Features include adjustable spectrum, various mounting options, and DMX control.</p>