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MingDak B00X84LRCU

MingDak LED Aquarium Light Kit User Manual

Model: B00X84LRCU

1. PRODUCT OVERVIEW

The MingDak LED Aquarium Light Kit is designed to provide illumination for both saltwater and freshwater aquariums. This submersible light features 18 blue LEDs, offering a moonlight effect for night viewing and enhancing the visual appeal of your aquatic environment.

Key features include:

- Great for night viewing, providing a cool blue light for a moonlight appearance.
- Designed for in-frame mounting, allowing the light to be seen without the fixture being obtrusive.
- Fully submersible design with included suction cups for versatile placement.
- Safe and low voltage operation, with LEDs that are 20% brighter for reliable, long-term performance.
- Adjustable mounting legs accommodate aquarium widths from 9 to 15 inches.



Figure 1: MingDak LED Aquarium Light Kit, showing its compact, cylindrical design with suction cups.



Figure 2: Included components: the LED light bar, power adapter, and inline switch.

2. SETUP AND INSTALLATION

Follow these steps to properly set up your MingDak LED Aquarium Light Kit:

1. **Unpack Components:** Carefully remove the LED light bar, power adapter, and any other accessories from the packaging. Inspect all components for any signs of damage.

2. **Choose Placement:** Determine the desired location for the light within your aquarium. The light is fully submersible, allowing for placement inside the tank, or it can be mounted externally if preferred.
3. **Attach Suction Cups:** Ensure the suction cups are securely attached to the light bar's mounting clips.
4. **Mount the Light:**
 - **Submersible Installation:** Press the suction cups firmly against a clean, smooth surface inside the aquarium (e.g., glass wall, under the lid). Ensure the light is fully submerged if desired.
 - **External Installation:** If mounting outside the tank, use the adjustable mounting legs to fit the light across the top edges of aquariums ranging from 9 to 15 inches in width.
5. **Connect Power:** Connect the light bar's cable to the power adapter. Ensure the connection is secure.
6. **Plug In:** Plug the power adapter into a suitable electrical outlet. Ensure a drip loop is formed with the power cord to prevent water from running down the cord to the outlet.



Figure 3: The MingDak LED light installed in an aquarium, providing blue illumination.

3. OPERATING INSTRUCTIONS

The MingDak LED Aquarium Light is designed for simple operation:

- **Power On/Off:** The light is controlled via an inline switch located on the power cord. Toggle the switch to turn the light on or off.
- **Lighting Effect:** The 18 blue LEDs provide a consistent blue light, ideal for creating a calming moonlight effect in your aquarium, especially during evening hours or for enhancing the colors of certain fish and decorations.
- **Timer Compatibility:** For automated operation, the light can be connected to an external timer (not

included). Set the timer to your desired on/off schedule.



Figure 4: Close-up of the MingDak LED light emitting its characteristic blue light.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your MingDak LED Aquarium Light:

- **Cleaning:** Periodically clean the exterior of the light bar to remove algae, mineral deposits, or other debris that may accumulate. Use a soft cloth or sponge and clean water. Do not use abrasive cleaners or solvents.
- **Power Disconnection:** Always unplug the light from the power outlet before performing any cleaning or maintenance.
- **Suction Cup Check:** Regularly check the suction cups for proper adhesion. If they lose their grip, clean both the suction cups and the mounting surface in the aquarium.
- **Cable Inspection:** Inspect the power cord and connections for any signs of wear, fraying, or damage. If damage is observed, discontinue use immediately and replace the unit.

5. TROUBLESHOOTING

If you encounter issues with your MingDak LED Aquarium Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the outlet. Power adapter or cable is damaged. Inline switch is off.	Check if the outlet is working by plugging in another device. Inspect the power adapter and cable for visible damage. If damaged, discontinue use. Ensure the inline switch is in the "ON" position.
Light is dim or flickering.	Insufficient power supply. LEDs are nearing end of life. Accumulation of debris on light surface.	Ensure the power adapter is correctly connected and receiving full power. While LEDs have a long lifespan, extreme conditions can affect them. Consider replacement if unit is old. Clean the light bar thoroughly as per maintenance instructions.
Suction cups do not hold.	Suction cups or mounting surface are dirty. Suction cups are worn out.	Clean both the suction cups and the glass surface thoroughly before reattaching. If suction cups are old or deformed, they may need replacement.

6. SPECIFICATIONS

Feature	Detail
Brand	MingDak
Model	B00X84LRCU
Light Source Type	LED
Number of Light Sources	18
Color	Blue
Material	Glass, Plastic
Finish Type	Glass
Product Dimensions (LxWxH)	7.87 x 1.97 x 1.97 inches
Item Weight	5.3 ounces (0.15 Kilograms)
Power Source	Corded Electric
Voltage	220 Volts
Mounting Type	In Tank Mount
Adjustable Aquarium Widths	9-15 inches (using mounting legs)
UPC	703681499513
Date First Available	May 9, 2015

7. WARRANTY AND SUPPORT

MingDak products are manufactured with quality and reliability in mind. For specific warranty information, please refer to the product packaging or contact MingDak customer support directly.

If you require technical assistance or have questions regarding your MingDak LED Aquarium Light Kit, please visit the official MingDak store or contact their customer service department. Contact information can typically be found on the product packaging or the brand's official website.

[Visit the Official MingDak Store](#)

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