



*Aladdin*  
[www.aladdin-lights.com](http://www.aladdin-lights.com)

PICTURE BY ELIA QUADRI

*Aladdin*



**Aladdin** BI-FLEX M7  
Bi-Color

USER MANUAL

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THANK YOU FOR YOUR PURCHASE

User Manual

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[info@aladdin-lights.com](mailto:info@aladdin-lights.com)

## TECHNICAL SPECIFICATIONS

Light source	70W Bi-Color Micro LEDs
CRI	Ra 97
TLCI	98
Color temperature	3000K - 6000K
Beam angle	140°
Dimmer	Dimming: (1%–100%)
Cooling	Passive cooling
Dimmer input	12V to 30VDC
Power unit input	Automatic voltage 100V to 240VAC
Power consumption	70W
Dimensions	300mm x 300mm x 5mm
Weight	237g
Connection	Connector plug
Temperature range	-10°C – +40°C
DMX512 support	With separate attachment
DMX512	2 channels - White Bi-Color
IP-Rating	32

## WARRANTY

We provide a one year warranty period after the purchase. This warranty covers repairs or a replacement for faulty products within this period. After this warranty has been expired, you can still get repairs for your product which will be charged extra.

Aladdin Lights reserves the right to refuse warranty service on products under disputable conditions.

## WARRANTY EXCLUSIONS

In case of any of the below listed causes, the warranty does not apply, even if it is within the free warranty period.

- Product failure due to consumer negligence.
- Product failure due to usage of not compatible power sources.
- Product failure due to disassembly by not official resellers/distributors.

## SELECTED OPTIONAL ACCESSORIES



1X1-FR-KIT

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Frame for easy mounting.

## START-UP GUIDE



1	Connector
2	Metal corner (can be attached to magnets)
3	Velcro

Unpack your panel and accessories from the kit. The panel features a short cable with connector. Plug it in to your dimmer-unit or use the extension cable in between. Plug in your dimmer-unit to a power outlet. Instead of using the power outlet, there's an option to use the integrated V-Mount or Gold-Mount plate on top of the dimmer to use batteries from 12-30V DC.

Just note that you need batteries which can handle the power draw of 30 watts from the panel. There's a simple calculation for that:

$$\frac{\text{POWER DRAW (W)}}{\text{BATTERY VOLTAGE (V)}} = \text{MIN. WORKING CURRENT (A)} = \frac{70 \text{ (W)}}{14.8 \text{ (V)}} = \mathbf{4.8 \text{ (A)}}$$

If you are using 14.8V batteries you need at least a working current of 4.8A. If your battery is rated at 14.8V and 100Wh/6.8Ah you can run your BI-FLEX M7 for 1 hour.

For any further questions about using our products please refer to our customer service or watch the instructional videos on [www.aladdin-lights.com](http://www.aladdin-lights.com) or [YouTube](#).



## IMPORTANT CAUTIONS AND WARNINGS

- Do not use near flammables and heaters.
- Do not expose the unit to direct sunlight for a long period (applies also for storing in a car).
- Do not use the dimmer wire or extension wire to hang or mount the panel.
- Do not bend or fold the panel more than 90 degrees.
- Do not tape directly on the LEDs of the panel - they can burn out.
- Do not damage the product with improper force or cause any impact with heavy objects.
- Do not cut the panel with sharp objects.
- Keep out of reach of children.
- The panel will heat up when running a long period of time on 100% power, make sure to have it in your eyesight at all times. Use the X-BEND holder or frame to assure enough air flow for heatreduction.
- Use the product only within the temperature range of -10°C – +40°C.
- Make sure the panel has cooled down before storing it in the pouch or any other case.
- When you have technical problems while using the product, stop using it immediately and contact your dealer / reseller.