MFZ160-RGBW

100W Fresnel Zoom RGBW LED Stage Light

Item ref: 151.679UK

User Manual

> Please read through this manual thoroughly before use, any damage
> Caused by misuse of product will not be covered by warranty.

Ideal for applications where smooth, flat washes are required over shorter distances, this 160W Mini Fresnel stage light is fitted with four super bright and effective RGBW LEDs. Providing a controlled, flicker free beam with zoom angle adjustment from 30° to 58° which can also be shaped as required using the pre-fitted barn doors. Internal auto, sound activated and static programs can easily be controlled by the digital control panel on the back of the unit or by 4/8 channel DMX connection if desired. A heavy duty mounting bracket and twist and lock power connections complete the fixture's professional appearance.

In the box:

Your MFZ160-RGBW should arrive with you in a single carton in good condition. The carton should contain 1 x main unit, 1x mounting bracket and thumbscrews, 1 x UK IEC mains lead and 1 x user guide.

Warning:

To prevent risk of fire or electric shock, do not expose the unit to rain or damp environments. In the event of a spillage, disconnect the mains and allow the unit to dry out naturally. Qualified personnel should then check the unit before continuing use.

> ⚠ **Please do not open cover, contains high voltage. This
> product is not serviceable or repairable by the end user.
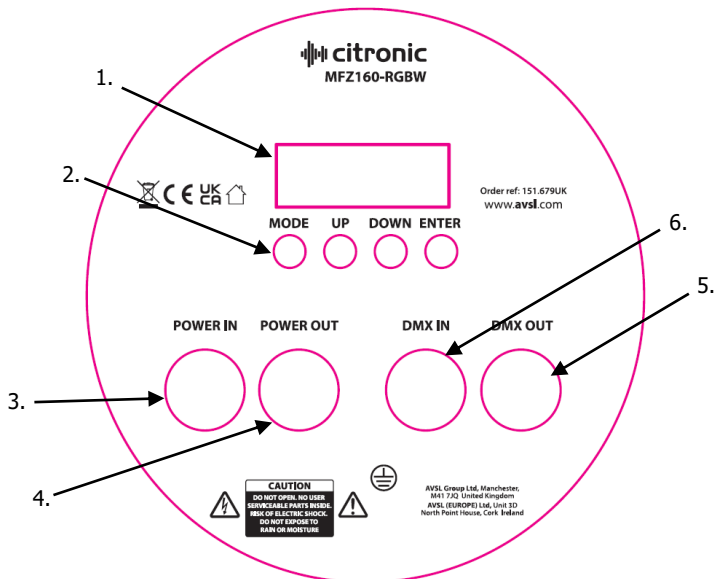> Please refer to qualified personnel for service and repair.** ⚡

Placement:

- Keep away from damp or dusty environments.
- Ensure adequate airflow around the fixture housings.
- Ensure adequate access to controls and connections.

Cleaning:

- Use a soft cloth with a neutral detergent to clean the casing as required.
- Use a vacuum cleaner to clear ventilation grilles of any dust or debris build-ups.
- Do not use strong solvents for cleaning the unit.

Rear panel controls:

1. LCD display
2. Manual control buttons
3. Power input (twist and lock)
4. Power output (twist and lock)
5. DMX output
6. DMX input

Manual control menu:

Press the "**MENU**" button to enter the settings menu.
Press "**UP**" and "**DOWN**" buttons to navigate through various setting functions.
Press "**ENTER**" button to save the desired setting.

Display	Function	
A001-A512	8-Channel DMX Mode (default)	Refer to 8-Channel DMX table
D001-D512	4-Channel DMX Mode	Refer to 4-Channel DMX table
CJ01-DJ16	Jump to self-propelled mode	
CF01-CF16	Gradient self-propelled mode	

CC01-CC16	Pulse changing self-propelled mode	
SOUD	Sound jump mode	
CL01-CL16	Colour selection	
R000-R255	Red brightness	
G000-G255	Green brightness	
B000-B255	Blue brightness	
W000-W255	White brightness	
dn 1-4	Dimmer 1	The default dimming curve is a straight line, refer to the dimming curve diagram
	Dimmer 2	
	Dimmer 3	
	Dimmer 4	

DMX mode:

The MFZ160-RGBW can be controlled by DMX signal, simply connect the DMX signal source to the DMX input on the unit via a balanced XLR lead. Extra fixtures can be controlled by the same DMX signal by looping through the DMX out on the unit (32 units max). To enter DMX mode, select A001 or d001 from the menu and confirm the correct start address by using the "**UP**" and "**DOWN**" buttons and "**ENTER**" to confirm. This unit has 4 or 8 DMX channels as indicated in the tables below:

4 Channel (D001-D512):

Channels	Value	Function
CH1	0-255	**Red** 0-100% Red
CH2	0-255	**Green** 0-100% Green
CH3	0-255	**Blue** 0-100% Blue
CH4	0-255	**White** 0-100% White

8 Channel (A001-A512):

Channel	Value	Function
CH1	0-255	**Dimmer** linearar dimming, from dark to bright 0~100%
CH2	0-255	**Red** 0-100% Red
CH3	0-255	**Green** 0-100% Green
CH4	0-255	**Blue** 0-100% Blue
CH5	0-255	**White** 0-100% White

CH6	0-10	**Strobe** No Function
	11-255	Strobe with increasing speed
CH7	0-49 50-99 100-149 150-199 200-255	**Macro** No Function Jump change Gradient Colour pulse transformation Sound
CH8	0-255	**Macro function speed** Macro function speed changes from slow to fast

Specifications:

Power	100 - 240Vac, 50/60Hz
Power consumption	180W
LED power	4 x 40W RGBW COB LEDs
Effective distance	Up to 5m
Beam angle	30° to 58°
Modes	Auto, Sound, DMX, Master/Slave
DMX channels	4 or 8CH
Connections	Power in/out (twist and lock), DMX in/out (3pin XLR)
Dimensions	463 x 340 x 260mm
Weight	5.4kg

Troubleshooting:

No power (mains)	Check mains lead and fuse (if fuse continually blows, refer to your dealer)
	Check the unit is charged and the power switch is in the On position
No light output	Check control panel mode settings
	Check DMX settings from controller (dimmer levels, blackout etc.)
Unresponsive to DMX	Check that unit is in DMX mode and ensure DMX address remains lit to confirm receiving DMX signal
	Check DMX controller is not set to black out
	Check DMX controller is on correct fixture/page
	Check master dimmer value
	Check correct DMX address is set
	Check DMX connection and leads
Overheating/cutting out	Ensure adequate ventilation and unit is not too close to a heat source