
BeamDome FX

BeamDome FX: 200W LED RGB/WW Multibeam Effect

151.746UK

About this manual

This manual provides essential information for installing, operating, and maintaining your product. Please read and keep this manual to ensure the best performance from your purchase and to avoid damage resulting from improper use.

Introduction

Thank you for choosing the BeamDome FX moving effects light unit. Please read this manual prior to use to avoid damage to the item. This versatile moving effects light unit is packed with features in a compact, manageable enclosure and is suitable for a wide array of applications ranging from bars and nightclub installations to mobile DJ setups.

Safety information

This section contains important safety instructions that must be followed to reduce the risk of injury, damage to the product, or damage to other equipment. Read all safety information before installing, operating, or servicing the product. Failure to follow these instructions may result in personal injury, property damage, or impaired product performance.

Warning

- To prevent the risk of fire or electric shock, do not expose any of the components to rain or moisture.
- If liquids are spilled on any component, stop using immediately, allow the unit to dry out and have checked by qualified personnel before further use.
- Avoid impact or heavy vibration to any of the components.
- No user serviceable parts inside.
- Refer servicing to qualified service personnel.

Placement

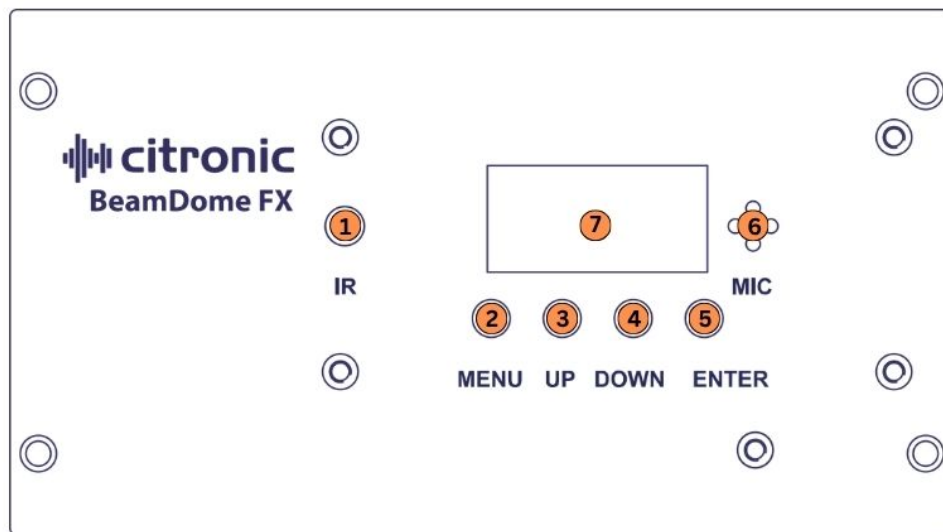
- Keep the unit out of direct sunlight and away from heat sources.
- Keep the unit away from moisture or dusty environments.
- Allow adequate space for cooling around the unit.
- Do not place heavy objects on top of the unit.

Cleaning

- Use a soft cloth with a neutral detergent to clean the housing as required.
- A soft brush can be used to clear debris from the unit without damaging it.
- Do not use solvents for cleaning the unit.

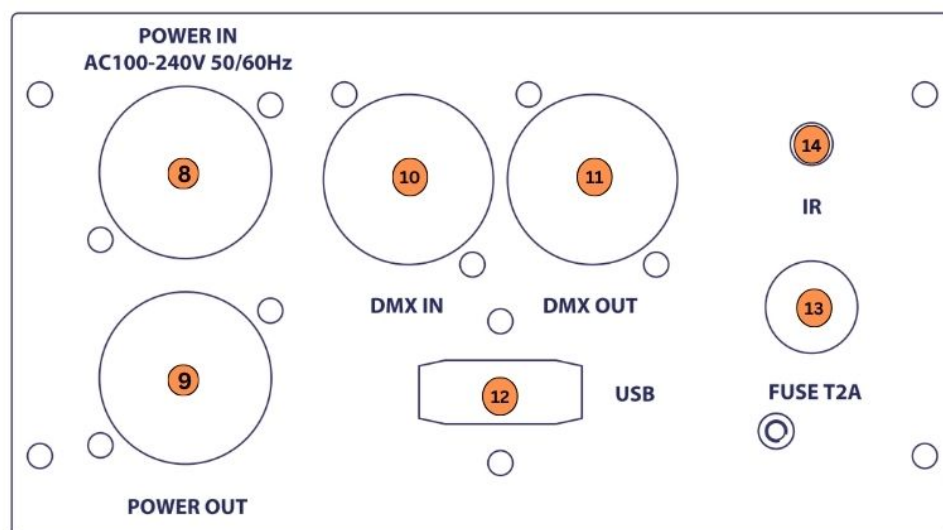
Controls and features

Front Panel



1. IR Receiver
2. Menu
3. Up
4. Down
5. Enter
6. Internal Microphone
7. Display

Back Panel



8. Locking Power Inlet
9. Locking Power Outlet
10. DMX In
11. DMX Out
12. USB (WDMX/CRMX use only)
13. Fuse T2A
14. IR Receiver

Power requirements

- Power supply: 100–240 Vac, 50/60 Hz.
- Use only the supplied or an approved locking mains power lead.

Installation and setup

1. Unpack the unit and verify all supplied components are present.
2. Place the unit on a stable, level surface or attach to a suitable lighting clamp.
3. Connect all required cables as described below.
4. Apply power (if applicable).

Operation

Basic Menu Operation

- Press the **Menu** button to access the settings menu.
- Use the **Up** and **Down** buttons to scroll through the available menu options.
- Press the **Enter** button to select or confirm the displayed setting.

Menu	Options and Settings	Description
rot	Auto (S0–S100)	Auto Rotation
'''	LEFt (S0–S100)	Left Rotation
'''	riGt (S0–S100)	Right Rotation
'''	StoP	Stop Rotation
Prog	FAdE (001–100)	Fade Mode
'''	JuhP (001–100)	Jump Mode
Snd	Sound (007–100)	Sound Sensitivity
CoLo	C1–C15	Colour Macro
MAnU	R000–R255	Red Intensity
'''	G000–G255	Green Intensity
'''	B000–B255	Blue Intensity
'''	U000–U255	Warm White Intensity
dMX	d001–d512	DMX Address
'''	1Ch / 3Ch / 4Ch / 10Ch	DMX Channel Mode
SLA	SLAU	Slave Mode
SEt	ir ON/OFF	IR Remote
'''	rSEt No / Yes	Factory Reset

Show Mode

1. Press the **Menu** button until **Prog** is displayed, then press **Enter**. Select **Auto** using the **Up** and **Down** buttons, then press **Enter**.
2. Press the **Menu** button again to enter the setup menu. Select either **FAdE** (Fade mode) or **JuhP** (Jump mode) using the **Up** and **Down** buttons, then press **Enter** to confirm.
3. Use the **Up** and **Down** buttons to select a program from **1–100**, then press **Enter** to confirm.
4. The unit will now operate in the selected pre-programmed show mode.

Colour Mode

1. Press the **Menu** button until **CoLo** is displayed, then press **Enter**. Select the desired preset colour (**C1–C15**) using the **Up** and **Down** buttons, then press **Enter** to confirm.
2. The unit will now operate using the selected preset colour.

Manual Colour Mode

1. Press the **Menu** button until **MAnU** is displayed, then press **Enter**.
2. The display will show **R.000–R.255**. Use the **Up** and **Down** buttons to adjust the intensity of the **Red** LEDs, then press **Enter** to move to the next colour.
3. The display will show **G.000–G.255**. Use the **Up** and **Down** buttons to adjust the intensity of the **Green** LEDs, then press **Enter** to move to the next colour.
4. The display will show **B.000–B.255**. Use the **Up** and **Down** buttons to adjust the intensity of the **Blue** LEDs, then press **Enter** to move to the next colour.

5. The display will show **U.000–U.255**. Use the **Up** and **Down** buttons to adjust the intensity of the **Warm White** LEDs, then press **Enter** to confirm.

Rotation

1. Press the **Menu** button until **rot** is displayed, then press **Enter**. Select the desired rotation direction using the **Up** and **Down** buttons, then press **Enter** to confirm.
2. Use the **Up** and **Down** buttons to adjust the rotation speed from **0–100**.
3. The unit will now operate using the selected rotation settings.

Sound Mode

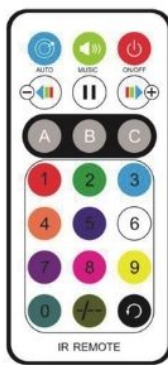
1. Press the **Menu** button until **Snd** is displayed, then press **Enter**. Select **Sound** using the **Up** and **Down** buttons, then press **Enter**.
2. Use the **Up** and **Down** buttons to set the sound sensitivity from **7–100**, then press **Enter** to confirm.
3. The unit will now operate in Sound Active mode.

Slave Mode

1. Connect a DMX cable from the master unit or the previous slave unit in the chain to the DMX input of this unit.
2. Press the **Menu** button until **SLA** is displayed, then press **Enter**. Select **SLAU** using the **Up** and **Down** buttons, then press **Enter** to confirm.
3. The unit will now operate as a slave, copying the settings of the master unit.

IR Remote Control

1. Press the **Menu** button until **SEt** is displayed, then press **Enter**.
2. Use the **Up** and **Down** buttons to browse the system menu until **ir** is displayed, then press **Enter**.
3. Use the **Up** and **Down** buttons to select the desired setting:
 - **ON** – IR remote receiver enabled.
 - **OFF** – IR remote receiver disabled.
4. Press **Enter** to confirm.
5. When the IR receiver is enabled, the unit can be operated using the IR remote control.

		To switch the effect On or Off
		To select the automatic programs
		To select sound controlled programs
		Use these buttons to modify the program speed, audio sensitivity, rotation speed or rotation direction (depending of the selected feature)
		To pause the program
		To toggle between color jump and color fade when the automatic programs are selected
		Color selection
		Select the speed of the automatic programs or the microphone sensitivity of the Sound controlled programs and use the – and + buttons to modify the setting
		Select the rotation direction and use the – and + buttons to modify the setting
		Select the rotation speed and use the – and + buttons to modify the setting

DMX Operation

DMX Address and Channel Mode Setting

1. Connect the DMX input of the unit to the DMX output of the previous fixture in the chain or directly to the DMX output of your DMX controller.
2. Press the **Menu** button until **dMX** is displayed, then press **Enter**.
3. The current DMX address will be displayed. Press **Enter** again to access the channel mode setting.
4. Use the **Up** and **Down** buttons to select the desired DMX channel mode (**1Ch**, **3Ch**, **4Ch** or **10Ch**), then press **Enter** to confirm.
5. Use the **Up** and **Down** buttons to set the desired DMX address (**d001–d512**), then press **Enter** to confirm.

DMX Channel Chart

10 CH Mode

10 CH	Setting	DMX Value	Function
CH 1	Dimmer	000–255	LED Dimmer
CH 2	Red	000–255	Manual Colour
CH 3	Green	000–255	Manual Colour
CH 4	Blue	000–255	Manual Colour
CH 5	Warm White	000–255	Manual Colour
CH 6	No Strobe	000–005	Strobe Off
""	Random Strobe	006–127	Random Strobe
""	Strobe	128–250	Strobe Speed (Slow to Fast)
""	Sound Strobe	251–255	Sound Activated Strobe
CH 7	No Rotation	000	Static
""	Clockwise	001–127	Rotation Speed (Slow to Fast)
""	No Rotation	128	Static
""	Anti-clockwise	129–255	Rotation Speed (Slow to Fast)
CH 8	Auto Mode Off	000–005	Manual Colour (CH 2–5)
""	Program 01–15	006–230	Auto Program
""	Sound Mode	231–248	Sound Activated
""	Rotation Sound Mode	249–255	Sound Activated with Rotation
CH 9	Auto Program Speed	000–255	Slow to Fast
CH 10	Sound Sensitivity	000–255	Low to High

4 CH Mode

4 CH	Setting	DMX Value	Function
CH 1	Blackout	000–005	Static Colour
""	Red	006–033	Static Colour
""	Green	034–061	Static Colour
""	Blue	062–089	Static Colour
""	White	090–117	Static Colour
""	Program 1	118–145	Auto Show
""	Program 2	146–173	Auto Show
""	Program 3	174–201	Auto Show
""	Program 4	202–229	Auto Show
""	Program 5	230–255	Auto Show
CH 2	Program Speed	000–250	Slow to Fast
""	Sound Program	251–255	Sound Activated
CH 3	No Rotation	000	Static
""	Clockwise	001–127	Rotation Speed (Slow to Fast)
""	No Rotation	128	Static
""	Anti-clockwise	129–255	Rotation Speed (Slow to Fast)
CH 4	No Strobe	000–005	Strobe Off
""	Random Strobe	006–127	Random Strobe
""	Strobe	128–250	Strobe Speed (Slow to Fast)
""	Sound Strobe	251–255	Sound Activated Strobe

3 CH Mode

3 CH	Setting	DMX Value	Function
CH 1	Blackout	000–005	Static Colour
""	Red	006–033	Static Colour
""	Green	034–061	Static Colour
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""	White	090–117	Static Colour
""	Program 1	118–145	Auto Show
""	Program 2	146–173	Auto Show
""	Program 3	174–201	Auto Show
""	Program 4	202–229	Auto Show
""	Program 5	230–255	Auto Show
CH 2	Program Speed	000–250	Slow to Fast
""	Sound Program	251–255	Sound Activated
CH 3	No Rotation	000	Static
""	Clockwise	001–127	Rotation Speed (Slow to Fast)
""	No Rotation	128	Static
""	Anti-clockwise	129–255	Rotation Speed (Slow to Fast)

1 CH Mode

1 CH	Setting	DMX Value	Function
CH 1	Blackout	000–005	No Rotation
""	Red	006–033	Colour with Slow Rotation
""	Green	034–061	Colour with Slow Rotation
""	Blue	062–089	Colour with Slow Rotation
""	White	090–117	Colour with Slow Rotation
""	Auto Program	118–164	Slow Rotation
""	Sound Program	165–196	No Rotation
""	Sound Program	197–228	Slow Rotation
""	Sound Program	229–255	Fast Rotation

Maintenance

- Regular maintenance is required to ensure the product's longevity.
- Inspect cables and connectors periodically.

Troubleshooting

If the unit does not operate as expected, consult the table below before contacting technical support. Many common issues can be resolved by checking connections, power sources, or settings.

Before proceeding

- Ensure the unit is installed and operated according to this manual.
- Verify that all connections are secure.
- Restore the unit to its default or minimum configuration before troubleshooting.

Before any maintenance

- Switch off the unit and disconnect it from the power source (if applicable).
- Allow the unit to cool before handling.
- Do not remove covers or attempt internal repairs.

Common issues

The following table lists common issues and corrective actions that do not require opening the unit.

Fault	Test Notes
No Power (Mains)	Check that the mains supply is present and the outlet is switched on.
""	Check the mains lead and plug fuse.
No Light Output	Check that the unit is set to Auto or Sound mode when operating in stand-alone mode.
""	Check the DMX controller settings (dimmer levels and blackout).
Unresponsive to DMX	Check that the unit is set to the correct DMX address.
""	Check that the correct DMX channel mode is selected.
""	Check all DMX cables and connections.
""	Check that the DMX controller is not in Blackout mode.
""	Check that the correct fixture profile has been selected on the DMX controller.
Overheating / Cutting Out	Ensure there is adequate ventilation around the unit and that it is not positioned close to a heat source.

Disposal and recycling

Dispose of this product in accordance with local environmental regulations. Do not dispose of electronic equipment with household waste.

Compliance

This product conforms to all applicable UK and European safety and electromagnetic compatibility (EMC) requirements.

Specification

Specification	Value
LED : power	20 x 10W RGB/WW LEDs
Modes	Auto, Sound, Manual, Master/Slave and DMX512
DMX channels	1,3,4 and 10 Channel Mode
DMX connection	3 Pin DMX (In/Out)
Power connection	Twist and Lock (In/Out)
Power supply	100~240V, 50/60Hz
Power consumption	200W
Fuse	T2A
Dimensions	265 x 240 x 240mm
Weight	5.24kg

Precautions



CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**



CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit

Safety Notice

1. Prior to use, read through this safety guide.
2. Pay attention to safety warnings.
3. Observe all operating requirements.
4. For any items designed for indoor use only, do not operate near water or in humid environments.
5. For cleaning, only use a lint-free, dry cloth.
6. Install according to the specifications.
7. Place away from heat sources or heating appliances.
8. During placement, ensure adequate support for the product and access to controls and connectors.
9. Do not obstruct any cooling vents or openings and allow adequate space for air flow.
10. Use only power connections supplied with the product or suitable equivalents.
11. Do not modify the equipment in any way.
12. For any mains powered appliances, ensure that the mains voltage is as described in the specifications.
13. Keep powered products and batteries away from the reach of children.
14. In case of malfunction, water ingress or other damage, consult qualified service personnel.
15. Avoid pressure or impact to the housing that may result in damage when transporting or installing this product.
16. For any Earthed mains product, ensure that the power supply has a protective Earth connection.
17. Keep all packaging materials out of reach of children.



Indoor use only : The "House" symbol identifies electrical equipment designed primarily for indoor use.



Disposal : The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.



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Errors and omissions excepted. Last updated 20/07/2026