



FOS LED Star Curtain



PRODUCT SPECIFICATIONS

TECHNICAL SPECIFICATION

Voltage: 110/260 Volt AC, 50/60 Hz.

Power Consumption: 50 Watts max.

Power Supply: 75 Watts, 7,5 Volt DC.

Light Source: 128x 3 in 1 RGB LEDs.

Effects: RGB color mixing, separate control of LED groups on the curtain. LED groups are randomly divided on the curtain.

Control: DMX, Sound, Auto / Stand Alone modes.

DMX Channels: 7 & 28.

Protection Class: IP20 (for indoor use only)

Flight case dimensions: 722 H x 630 W x 370 D

Curtain dimensions: 6 x 4 meters

Curtain Weight: 14,5 Kg

Package includes:

- ✓ The led curtain 6 x 4 meters
- ✓ DMX controller
- ✓ Driver box (*embedded on the curtain*)
- ✓ Power cable
- ✓ 4pin data cable, 6 meters long (***This is not a DMX signal cable!***)

Controller



The DMX controller can be easily mounted on a flat surface, via its four screw holes, or the two larger holes, for an adjustable position.



Attention: Connect the 4-pin cable from the drive box on the curtain, to the output in the **RED Area!** This output sends Power Voltage and data to the drive box, do not connect it on a DMX console!

SAFETY WARNING

This product must be installed by a qualified professional. All maintenance must be carried out by a qualified electrician. Always disconnect the power before carrying out any maintenance. The earth must always be connected to the ground. Ensure that all parts of the equipment are kept clean and free of dust.



- ✓ The product is designed for indoor use only. Keep it away from water, moisture, extensive heat, humidity and dust. Do not install the product directly on to flammable objects.
- ✓ Always connect the product to nominal voltage and frequency. Do not connect the device to dimmers.
- ✓ When installing the curtain on the truss, follow the international guidelines for safety.

PROTECTION AGAINST SOLIDS AND WATER

Only for IP-rated fixtures

The protection level of a housing is set by applied standards. For classification there is used the IP-Code. It contains the declaration „IP“and two following numbers. The first number characterizes the protection against harmful effects of solids, the second is rating the water protection. It is important to distinguish whether encapsulation and harmful effect! There can be housing that is not capsuled completely but still avoids harmful effect of solids or water.

PROTECTION EXAMPLES:

IP20: Protection against intruding objects >12,5mm „Finger protected “; No waterproofing. **TYPICAL PROTECTION FOR INDOOR USE FIXTURES**

IP33: Protection against intruding objects >2,5mm; Falling water within an angle of 60° has no harmful effect **TYPICAL PROTECTION OF LED-LIGHTS USING RECESSED POWERCON AND DMX SOCKET.** This protection is linked to the mounting position of the fixture and always refers to typical mounting situation like a Floor spot used standing on the ground.

IP54: complete protection against solids and low-pressure water from any side **THIS TYPE OF FIXTURES CAN BE USED UNDER NORMAL OUTDOOR CONDITIONS.**

IP65: shielded against dust and pressurized water from any side. **TYPICAL PROTECTION FOR OUTDOOR RATED EVENTFIXTURES USING WATERPROOFED POWER AND SIGNAL LINK.**

IP67: shielded against dust and protected for accidental briefly submerge. **PROTECTION AGAINST ACCIDENTAL SUBMERGING ON TEMPORARY FLOODED AREA.**

TEMPORARY USE

Event equipment is designed for temporary use. This are typical purpose as concerts, festivals, theatre, clubs and disco use and referable venues. Long-term use, specially under outdoor conditions and fixed outdoor installation can bring damage in aging materials and affect the coated surface. Sealings as well as cables are made from rubber material and will age by long-term UV-emission as sunlight and should be checked frequently.

LIMITATIONS OF IP PROTECTION

IP-Rating doesn't mean unlimited outdoor use and protection against any kind of environmental influence! Especially sunlight and included UV will bring accelerated aging. Some fixtures need special parts or processes to fit the rated IP-Protection, like mounting covers or caps or similar. Sealings and other plastic or rubber materials are aging parts. They must be checked frequently to ensure the protection and safety of the fixtures. Also specified torque of screws can affect protection!

Warning



NOTE! If the signal cable is over 60 m between the DMX512 controller and fixture or between two fixtures, then a DMX signal amplifier is needed as well.

Menu Screen

You can easily navigate through menu's options with the four buttons under the screen. Navigating in the menu is simple! With the Up / Down buttons, you are moving through menu's choices, pressing Enter, you are entering the sub menu of the option you have chosen, with the Up / Down buttons you're moving through the sub menu's options, with Enter, you are confirming your choice. The **FOS LED Star Curtain** offers the following options:

Set Menu

Language

- English
- French
- German

Reload Defaults

- On
- Off

Master & Alone

- Master Mode
- Alone Mode

Auto & Sound

- Auto Mode
- Sound Mode

Clear Display

- Always On
- Delay Off (*LCD screen goes off after 30 seconds*)

Key Lock (Lock the panel buttons)

- Keylock On
- Keylock Off

Information

- Model: 6 x 4 meters RGB
- Fos-lighting.eu
- Software Version

Machine Timer

- This time (*shows the current running time*)

- **Total time** (shows the total working fixture hours)
- **Clear Total** (clears all the records of working hours)

DMX Menu

DMX Address

DMX Channel Select

- **7 Channels**
- **28 Channels**

DMX Break (select one of the following options, in case of DMX signal failure / interruption)

- **Stop Run**
- **Hold Run**
- **Auto Run**
- **Sound Run**

Channel Modes

7 Channels

1. **Master Dimmer**
2. **Shutter**
 - **0 – 9** Shutter Open
 - **010 – 255** Gradual Strobe from slow to fast
3. **Color Macros & effects**
 - **0 – 49** RGB Mode (macros off).
 - **50 – 59** **Off**
 - **60 – 69** Red
 - **70 – 79** Green
 - **80 – 89** Blue
 - **90 – 99** Yellow
 - **100 – 109** Cyan

- **110 – 119** Purple
 - **120 – 129** White
 - **130 – 139** Program 1
 - **140 – 149** Program 2
 - **150 – 159** Program 3
 - **160 – 169** Program 4
 - **170 – 179** Program 5
 - **180 – 189** Program 6
 - **190 – 199** Program 7
 - **200 – 209** Program 8
 - **210 – 219** Program 9
 - **220 – 229** Program 10
 - **230 – 239** Color macros
 - **240 – 249** Sound mode
 - **250 – 255** No function
4. **Macros Speed**
 5. **Red**
 6. **Green**
 7. **Blue**

28 Channels

1. **Master Dimmer**
2. **Shutter**
 - **0 – 9** Shutter Open
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3. **Color Macros & effects**
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 - **130 – 139** Program 1

- **140 – 149** Program 2
- **150 – 159** Program 3
- **160 – 169** Program 4
- **170 – 179** Program 5
- **180 – 189** Program 6
- **190 – 199** Program 7
- **200 – 209** Program 8
- **210 – 219** Program 9
- **220 – 229** Program 10
- **230 – 239** Color macros
- **240 – 249** Sound mode
- **250 – 255** No function

4. Macros Speed

5. Group 1 Red

6. Group 1 Green

7. Group 1 Blue

8. Group 2 Red

9. Group 2 Green

10. Group 2 Blue

11. Group 3 Red

12. Group 3 Green

13. Group 3 Blue

14. Group 4 Red

15. Group 4 Green

16. Group 4 Blue

17. Group 5 Red

18. Group 5 Green

19. Group 5 Blue

20. Group 6 Red

21. Group 6 Green

22. Group 6 Blue

23. Group 7 Red

24. Group 7 Green

25. Group 7 Blue

- 26. Group 8 Red
- 27. Group 8 Green
- 28. Group 8 Blue

General Information

Replacing a fuse:

Always disconnect the fixture from main power before replacing a fuse. Use only the appropriate fuse, with the same type and rating. A fuse with different rating, can damage the fixture in case of failure.

Risk of electric shock and / or fire:

The fixture must be earthed, supplied always with its nominal voltage and cleaned periodically from dust. For cleaning use only, a moist cloth. Never use liquids or force water. After cleaning, let the fixture dry before use.