

**FXLE17C4N LED FIXTURE
OWNERS MANUAL**

Version 0.1

6/9/2017

FEATURES AND SPECIFICATIONS

LED: 170 Watt 4in1 Quad-Color, RGBW, CREE array.
 White Color Temp: Adjustable 3000k-7000k
 Beam Angle: 19° or 26° or 36°
 Control System: DMX512 + Stand Alone
 DMX Channels: 9
 DMX Connectors: 3 pin XLR
 Power Input: 120VAC, 60Hz
 Max. Power Consumption: 200 Watts
 Body Material: High Impact Plastic
 Body Color: Black or White
 Reflector: Glass
 Gel Frame and Size "B" Gobo Holder Included
 Size: 26"L x 14"W x 18"H (with yoke)
 Weight: 14.2 lbs



DESCRIPTION

The FXLE17C4N is a LED ellipsoidal fixture suitable for stage, disco, night club, and other artistic applications. It has automatic stand-alone control modes and can operate via a DMX512 external signal.

A mounting yoke enables the fixture to be installed and operated in various positions and orientations.

INSTALLATION

LOCATION

The FXLE17C4N is rated IP20 and is intended for INDOOR USE ONLY.

Locate the unit in a well ventilated area away from moisture or heat. Maintain a minimum spacing of 20" between the unit and other objects. The maximum ambient operating temperature is 45°C (113°F). Keep the vent holes clear. Holes are provided on the yokes to install a traditional lighting c-clamp for mounting on batten pipe. Use a safety cable when hanging the fixture.

POWER CONNECTIONS



DANGER
RISK OF ELECTRIC SHOCK

The FXLE17C4N has a blue turn and lock connector for power input. A compatible power cable is provided for connection to a 120 VAC, 15 Amp, 60Hz, grounded service. Push the blue connector on the cable straight into the blue connector on the unit and twist approx. 1/8 turn clockwise to latch it.

DMX CONNECTIONS

A system using DMX control should be connected as a chain of devices. In other words the control signal cable should proceed from the controller to the first receiving device and then to others in a continuous "daisy chain" fashion.

The fixture has a DMX IN and a DMX OUT connector to be used to connect the chain. The control cable should NOT be split into a multiple run star arrangement with a cable running from the controller directly to each receiving device pack.

DMX CONNECTOR PIN ASSIGNMENTS

There are two different connectors generally used for DMX control. They are both XLR type connectors. Some units use 3 pin connectors. Others use 5 pin connectors. FXLE17C4N only has 3 pin connections. DMX is received on the 3 pin MALE connector on the back of the unit. The 3 pin FEMALE connector is used to connect to the next DMX device on the control chain.

The table below shows the pin assignments for the 3 pin DMX cable.

PIN #	SIGNAL NAME
1	DMX COMMON
2	DMX DATA -
3	DMX DATA +

DMX TERMINATION

It is recommended that a DMX data chain be terminated at the last receiving device on the chain. This is done by installing a commonly available 1/4 Watt, 120 Ohm resistor across the DATA - and DATA + wires at the last device. If you have only a few fixtures installed very close together and with a short run of DMX cable to the controller then you may be able to operate without the terminator.

OPERATION

A power ON/OFF switch is located at the rear of the unit. A display and user interface is located on the back of the unit. This interface is used to set the operating options and settings. It consists of an LED display and four buttons (ESC, ENTER, DOWN, and UP).

CONTROL PANEL

Use UP and DOWN to scroll through the available choices. Push ENTER when you reach the option you want to check or set. The current setting for the option will be shown. Use UP and DOWN until you reach the desired setting or menu then push ENTER to invoke the new setting. Use ESC to exit from the sub menus.

DMX OPERATION

Use the Address menu to set the unit DMX starting address. The range is 001 - 511. Due to the unit being a 9 channel fixture the unit will not function properly if address is set above 502.

The fixture uses 9 DMX channels allocated per table in back of manual.

PERFORM MODE (Perform 00X)

The perform mode selects different preset colors and intensities. DMX control can be restored by setting this option to 000.

MASTER FUNCTION

The master function can be turned off or on. When on units further down the DMX chain will respond the same way as the Master unit as long as this setting is off in the slave units.

AUDIO FUNCTION

The audio function will cycle through colors to sync with the beat from any audio.

RESET FUNCTION

This function is not supported at this time.

MAINTENANCE AND REPAIR**TROUBLESHOOTING**

Fixture will not power up.

- Check that you have power applied to the unit and the power switch is on.
- Check the fuse located on the back panel of the fixture.

Unable to control fixture.

- Check the DMX control cable for continuity and polarity.
- Verify the fixture is properly addressed.
- Check the address settings or patch at the controller.

CLEANING**DISCONNECT THE POWER CORD BEFORE
HANDLING THE UNIT.**

A mild detergent can be used sparingly if needed. Do not use chemicals or solvents when cleaning the fixture. Ensure that the unit is dry before use.

REPAIR

The only FXLE17C4N user serviceable part is a 5 mm x 20 mm externally accessible fuse on the rear panel.

**DISCONNECT THE POWER CORD BEFORE
CHECKING OR REPLACING THE FUSE.**

Replace fuse **ONLY** with 3.15 Amp, 250VAC, fast acting fuse.



Internal service on the unit by other than Lightronics authorized agents will void the warranty.

If service is required, contact the dealer from whom you purchased the item, or contact the Lightronics, Service Department, 509 Central Drive, Virginia Beach, VA 23454. Tel: 757 486 3588.

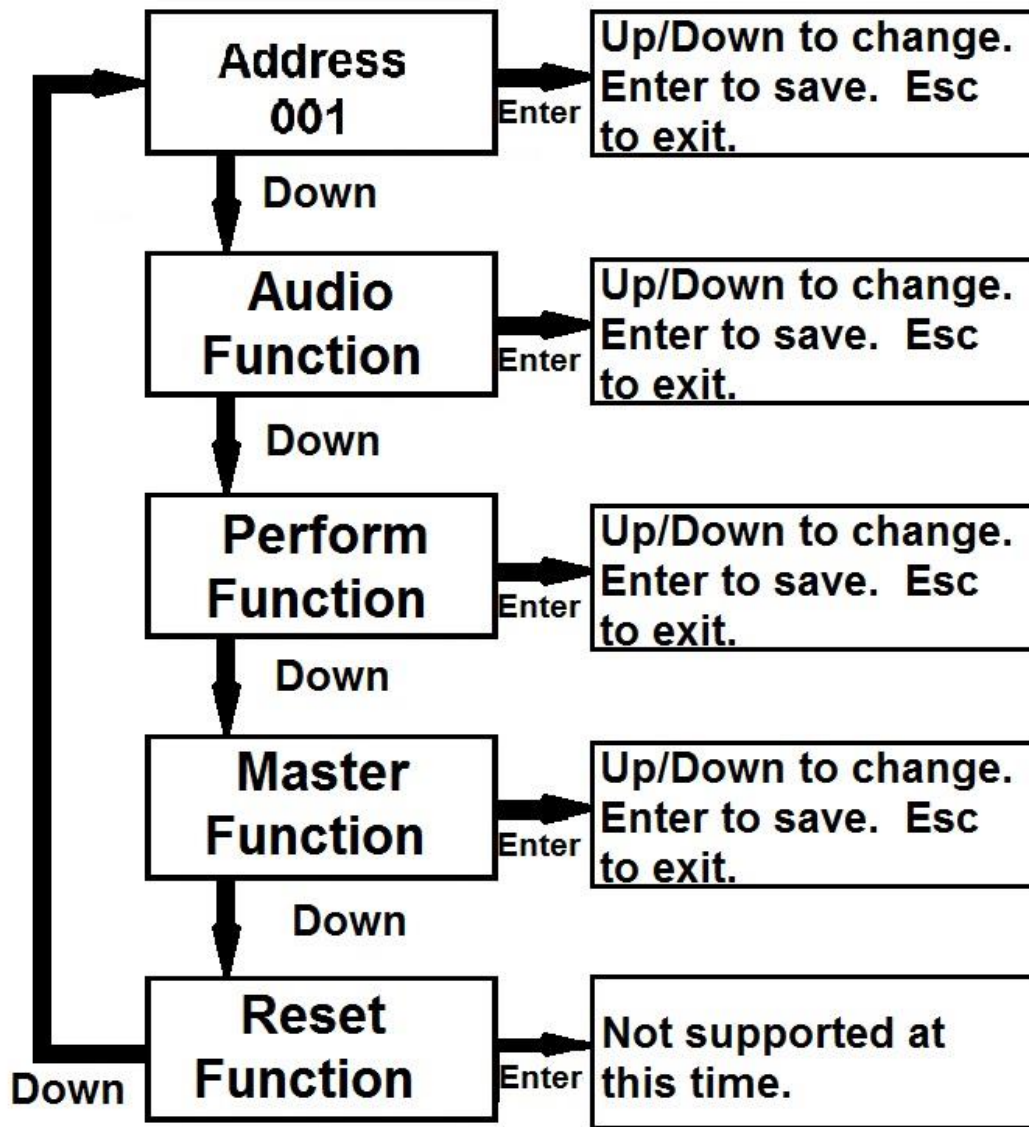
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DMX Channel Assignments

DMX Channel	Function
1	Red Intensity (0-255)
2	Green Intensity (0-255)
3	Blue Intensity (0-255)
4	White Intensity (0-255)
5	Warmth Intensity (7000k-3000k) OFF is brightest light
6	Strobe adjustment
7	Master Intensity (0-255)
8	Auto Color Fade
9	Demo control



The banner features the Lightronics logo on both sides, which consists of the word "LIGHTRONICS" in a bold, sans-serif font with a stylized "O" containing a circle. The word "WARRANTY" is centered in a large, bold, white font on a dark grey rectangular background.

LIGHTRONICS **WARRANTY** LIGHTRONICS

This product is warranted for a period of TWO YEARS from the date of purchase against defects in materials and workmanship.

This warranty is subject to the following restrictions and conditions:

- A) If service is required, you may be asked to provide proof of purchase from an authorized Lightronics dealer.
- B) This warranty is valid only for the original purchaser of the unit.
- C) This warranty does not apply to damage resulting from abuse, misuse, accidents, shipping, and repairs or modifications by anyone other than an authorized Lightronics service representative.
- D) This warranty is void if the serial number is removed, altered or defaced.
- E) This warranty does not cover loss or damage, direct or indirect arising from the use or inability to use this product.
- F) Lightronics reserves the right to make any changes, modifications, or updates as deemed appropriate by Lightronics to products returned for service. Such changes may be made without prior notification to the user and without incurring any responsibility or liability for modifications or changes to equipment previously supplied. Lightronics is not responsible for supplying new equipment in accordance with any earlier specifications.
- G) This warranty is the only warranty either expressed, implied, or statutory, upon which the equipment is purchased. No representatives, dealers or any of their agents are authorized to make any warranties, guarantees, or representations other than expressly stated herein.
- H) This warranty does not cover the cost of shipping products to or from Lightronics for service.
- I) Lightronics Inc. reserves the right to make changes as deemed necessary to this warranty without prior notification.