

Light Controller 192

Item Number: LL192CC

USER MANUAL



This user manual includes important information for installation and operation. Please read this user manual carefully to install, operate, and maintain the lighting safely and correctly. A verified technician should do the installation and operation.

Please carefully check for any damages caused by transportation.

Before delivery, this device has passed strict quality control and inspection. Please follow the user manual for proper operation. If this fixture is damaged due to operation error or disregard of this manual, the fixture will be out of warranty, and the manufacturer or dealer will not be held responsible.

Features:

DMX512 Channels

30 Banks each composed of 8 programmable scenes

8 fades adjusting output level

Built-in Microphone.

AUTO mode is controlled by TAP SYNC and SPEED controlled

MIDI control through MIDI interface

4 digits LED display

First digit of LED shows CHASES, the second digit of LED shows scenes

Third and fourth digit of LED shows BANKS

The second, third, and fourth digit of LED show steps or 0-255 or TIME

Blackout master controlled by manual or remote

CHASE programming and CHASE running, manual control and remote control

Fade Time control

DMX polarity selects

Technical Specifications:

Power Input: DC+9-12V

Output: AC230V~50Hz(AC120V~60Hz) 300Ma, DC9V300Ma.

Operating Instructions

General Descriptions:

1. There is DMX512 channel adjusting output level in every scene.
2. 8 scenes are available to be programmed for each bank. When scene running, all scenes of one bank will be executed continuously in a cycle.
3. Select desired bank using UP and DOWN button. Also, ability to select a desired bank by using MIDI signals through MIDI interface. There are a total of 30 banks, only one can be chosen.
4. Scenes can be executed automatically and the duration is dependent on TAP SYNC. Scenes are executed under *music* or *note triggering*, or press a scene button to manually run scenes.
5. There are a total of 6 chases. Each contains 240 scenes. Choose *chases*, running one or more and MIDI signal remote controlling.

Controls and Functions:

Scenes	Channel	Fade Control	LED
1	1-16	OFF	OFF
2	17-32	OFF	OFF
3	33-48	OFF	OFF
4	49-64	OFF	OFF
5	65-80	OFF	OFF
6	81-96	OFF	OFF
7	97-112	OFF	OFF
8	113-128	OFF	OFF
9	129-144	OFF	OFF
10	145-160	OFF	OFF
11	161-176	OFF	OFF
12	177-192	OFF	OFF

Scenes	Channel	Fade Control	LED
1	1-16	ON	ON
2	17-32	ON	ON
3	33-48	ON	ON
4	49-64	ON	ON
5	65-80	ON	ON
6	81-96	ON	ON
7	97-112	ON	ON
8	113-128	ON	ON
9	129-144	ON	ON
10	145-160	ON	ON
11	161-176	ON	ON
12	177-192	ON	ON

1. Press desired scanner and the corresponding LED will light up. Appropriate channels will be able to be adjusted when the scenes are running. If the fade control is OFF the channel output level will not be able to be controlled by the faders. If the fade control is ON, channel 8-output the level will be controlled by the faders.
2. **Scene button:** Press one scene button to run a scene or to store a scene, and the second digit of LCD DISPLAY will show scenes 1-8.
3. **Fade (1-8):** Slide the faders to adjust the output level of DMX channel from 0 to FF. (255)
4. **Page Select:** Press to select page A to B

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1. **Speed Slider:** Move the slider to adjust chasing speed.
 2. **Fade Time Slider:** Move the slider to adjust FADE TIME.
 3. **LED Display**

4. **Band button:** Press UP or DOWN to increase or decrease bank, the third and fourth digit of LED display shows band number (01-30).
5. **Chase:** 1-chase 6 Select desired *chase* to be programmed or run chase.
6. **Program:** Turn the power on. When it is in *manual run* mode, press *program* for 2 seconds, and corresponding LED will blink. *Scene* and *chase* are ready to be programmed. Press *program* once more to return to *run* mode. The corresponding LED will go out.
7. **MIDI/ADD:** Press MIDI key when running, the third and fourth digit of LED will flash. Select MIDI channel using UP or DOWN, press MIDI key to program in *program mode*.
8. **AUTO/DEL:** In *run* mode, press *Auto/Del* and the corresponding LED will turn on. This will indicate that *auto run* mode is on. Press once more to withdraw *music mode*, and the corresponding LED will turn off.
Press this key to make scene and chase program when in *program* mode.
9. **TAP SYNC /DISPLAY:** In *auto run* mode, running speed of the scene is the interval of the last two pressing of TAP SYNC/DISPLAY for a maximum of 10 minutes.
In *program* mode, select display between *step* and *bank* in another mode: Select display between 00-225 and 0%-100%.
10. **Blackout:** Press this key to disable all channel outputs, but not any other functions. Press once to withdraw blackout mode.
11. **MIDI IN** Use to receive MIDI data.
12. **DMX Polarity Select:** Select the polarity of DMX output.
13. **DMX Out:** Use to output DMX 512 signal
14. **DC Input:** DC9V~12V,300 Ma,MIN.

Programming Scenes

Press *program* for 3 seconds, and the appropriate LED will blink indicating *programming mode*.

1. *Scene Programming*
2. Press *scanner* key to select DMX channel composed of 8 channels.
3. Select different channels to control several devices at the same time.
4. Adjust appropriate faders to select desired output level, then turn off the fade.

5. Select and adjust output level continuously until all devices are set.
6. Press MIDI /ADD.

Scanner Copy

1. Select desired scene of bank.
2. Make program of scene of scene to meet the requirement of device.
3. Press MIDI/ADD, add a programmed scene.

Scene Editing

1. Add a *step* in *chase*. Select desired LCD display.
2. Press TAP SYNC/DISPLAY and the LCD will show the *chase* and its *step*. If it has made program till the 15th step, select the 9th using UP or DOWN.
3. Press MIDI/ADD. The *chase* is maintained and the *step* will turn to the 10th step.
4. Select a desired *scene* using UP or DOWN. Press MIDI/REC then the new 10th step is added to the scene, the previous 10th step turns to the new 11th step, the previous 11th step turns to the new 12th step, and so on.

Delete a Step in Chase

1. Select the desired *step* and then press AUTO /DEL.
 2. Example: Select the 10th step using UP or DOW, press ATUO/DEL.
- Then the 10th step is deleted, the previous 11th step turns to the 10th step, the previous 12th step, and so on.

Delete a Chase

1. Select desired *chase*.
2. Press desired *chase* while holding Auto/DEL.

Clean All Chase – while all scenes are still available

1. Press DOWN+Auto /DEL while turning power off.
2. Turn the power on.

Running Scenes

1. Turn the power on when it is in *manual run mode*. When in *program* mode, press program, and the second program LED will go out and enter *manual* mode.

2. If there are not any scenes that have been programmed in a bank, the scene cannot be run. Only the scenes that have been programmed will execute.
3. If the fader is set to *off*, the scene will execute the *channel program* setting.

Manual URN

1. Extinguish AUTO triggered LED and music triggered LED.
2. Select a bank (using ↑ or ↓ and the MIDI signals through MIDI interface).
3. Press a scene to run a scene.
4. Press the *scanner* to copy, then the *scanner* is copied to another *scanner*.

Auto Run

1. Press the *AUTO/DEL* button and the corresponding LED will turn *on*.
2. Press the *TAP SYNC/DISPLAY* button. Press it one more time and the interval between two presses will be assigned to the speed of *auto run*. The maximum limit is 10 minutes. If the button is pressed more than twice, the last two pressings will be designated.
3. Select desired bank by using up or down via *MIDI signals*.
4. Press *Auto/DEL* once to withdraw *auto run mode*.

Music Run

1. Press *music/bank copy*, corresponding indicator lights will turn on and the scene ran will engage to *music run*.
2. Select desired bank by pressing *up or down*, or via *MIDI signals*.
3. Press *music/bank copy* once more to withdraw *music run*.

MIDI Run

1. Select bank to run scenes using *MIDI* whenever it is in *manual run*, *auto run* or *music run*.

Chase Run

1. *Chase run* requires making programs, and when running *chase* the scene will be step auto matching.
2. *Chase run* includes *manual run*, *auto run*, *audio run* and *MIDI Run*.

3. One more *chase* can be run in the order of selection.
4. Press the *chase* button and the corresponding lights will indicate the mode is *chase run*.

Fade Time Control

1. Move the slider to adjust the *fade*. Output varies accordingly.

MIDI Channel Setting

1. Press the *MIDI button* and the third and fourth digits of the LED light will blink to indicate that the MIDI channel setting is selected.
2. Press *MIDI* one more to end the MIDI channel setting. Press any other key *except up and down*, or move the *fades* to end MIDI channel setting.

MIDI Running

NOTE ON: Receive *note on* signals to execute corresponding function.

Bank	Note Number	Function
Bank 1	00	Turn on / off scene 1
	1	Turn on / off scene 2
	2	Turn on / off scene 3
	3	Turn on / off scene 4
	4	Turn on / off scene 5
	5	Turn on / off scene 6
	6	Turn on / off scene 7
Bank 2	7	Turn on / off scene 8
	8	Turn on / off scene 1
	9	Turn on / off scene 2
	10	Turn on / off scene 3

Bank 15	112 113 114 115 116 117 118 119	Turn on / off scene 1 Turn on / off scene 2 Turn on / off scene 3 Turn on / off scene 4 Turn on / off scene 5 Turn on / off scene 6 Turn on / off scene 7 Turn on / off scene 8
Chase	120 121 122 123 124 125 126	Turn on / off scene 1 Turn on / off scene 2 Turn on / off scene 3 Turn on / off scene 4 Turn on / off scene 5 Turn on / off scene 6 Blackout

Symbol Instruction on Fixture:



CE certificate



RoHS certificate