

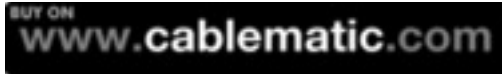
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## User 's Manual

# 192DMX Controller

BANK 1	00	TURN ON TURN OFF CENE1
	01	TURN ON TURN OFF ENE2
	02	TURN ON TURN OFF SCENE3
	03	TURN ON TURN OFF SCENE 4
	04	TURN ON TURN OFF SCENE5
	05	TURN ON TURN OFF SCENE6
	06	TURN ON TURN OFF SCENE7
	07	TURN ON TURN OFF SCENE8



BANK2	08	TURN ON TURN OFF SCENE1
	09	TURN ON TURN OFF SCENE2
	10	TURN ON TURN OFF SCENE3
	”	”
BANK15	112	TURN ON TURN OFF SCENE1
	113	TURN ON TURN OFF SCENE2
	114	TURN ON TURN OFF SCENE3
	115	TURN ON TURN OFF SCENE4
	116	TURN ON TURN OFF SCENE5
	117	TURN ON TURN OFF SCENE6
	118	TURN ON TURN OFF SCENE7
	119	TURN ON TURN OFF SCENE8
CHASE	120	TURN ON TURN OFF SCENE1
	121	TURN ON TURN OFF SCENE1
	122	TURN ON TURN OFF SCENE2
	123	TURN ON TURN OFF SCENE3
	124	TURN ON TURN OFF SCENE5
	125	TURN ON TURN OFF SCENE6
	126	BACKOUT

## MAIN FEATURES

- 1 . 192DMX Channels.
2. 30 Banks each composed of 8 programmable scens.
- 3.8 fades adjusting output level.
- 4.Built –in Microphone.
- 5.AUTO mode is controlled by TAP SYNC and SPEED controlled.
- 6.MIDI control through MIDI interface.
- 7.4 digits LED display.
- 8.Fird digit of LED shows CHASES , the second digit of LED shows scens.
- 9.Third and fourth digit of LED shows BANKS.
- 10.The second、 third、 fourth digit of LED show steps or 0-255 or TIME.
- 11.Blackout master controlled by M annual or R emote.
- 12.CHASE programming and CHASE runnyng, manual control and renote control.
- 13.Fade Time control.
- 14.DMX polarity selects.

## TECHNICAL SPECIFICATION

**Power Input:** DC+9-12V

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

**Dimensions:** 482×132×73mm

**Weight:** 2.5Kg

## OPERATING INSTRUCTIONS

### GENERAL DESCRIPTIONS:

- I. There is 192 DMX channel adjusting output level in every scene.
- II. 8scenes are available to be programmed for each bank. When scene running, all scenes of one bank will be executed continuously in a cycle.
- III. Select desirde bank using UP and DOWN button, Also you can select desired bank using MIDI signals through MIDI interface ,there are totally

30 banks, once only one can be chose.

IV.Scenes can be executed automatically ,and the duration is dependent on TAP SYNC ,scenes are executed under music or NOTE triggering ,also press a scene buttons by hand to run scenes.

V.There are total 6 chases, each contains240 scenes. You can choose CHASES.

Running one or more ,and MIDI signal remote controlling.

## 2 .CONTROLS & FUNCRIONS

### 1. seanners (1-12)

Seanners	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

Seanners	Channel	Fade control	LED
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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

I.Press music/Bank copy, corresponding indicator lights ,scene run is engaged into MUSIC RUN.

II.Select desired bank, rsing UP or DOWN or via MIDI signals.

III.Press music /bank copy once more to withdraw MUSIC RUN.

### 4.MIDI RUN

Select bank to run scenes using MIDI whenever it is in MANUAL RUN ,AUTO RUN or MUSIC RUN.

### 3. CHASE RUN

I.CHASE RUN requires making prograns, when runing CHASE, scene will be step auto matching.

II.CHASE RUN includes MANUAL RUN,AUTO RUN ,ATDIO RUNS, and MIDI RUN.

III.Eigher one CHASE more can be run in the order of selection .

IV.Press CHASE, Corresponding indicator lights, which indicates it, is in CHASE RUN.

### 4. FADE TIME CONTROL

Move the slider to adjust FADE, Output varies accordingly.

## MIDI CHANNEL SETTING

### 1. MIDI channel setting

I.Press MIDI ,the third and fourgh digits of LED blink, selects MIDI channel setting.

II.Press MIDI one more to end MIDI channel setting. Also you can press any other key except UP and DOWN or move the fades to end MIDI channel setting.

## 2. MIDI RUNNING

NOTE ON: Receive NOTE ON signals to execute corresponding function.

BANK	NOTE NUMBER	FUNCTION

I. Select desired CHASE

II. Press desired CHASE while holding Auto/DEL.

## 5. CLEAN ALL CHASE (ALL SCENES are still available)

I. Press DOWN + Auto /DEL while turning power off.

II. Turn the power on.

## RUNNING SCENES

- Turn the power on it is in MANUAL RUN mode. when in PROGRAM mode ,press PROGRAM for 2 second PROGRAM LED goes out ,it enters MANUAL mode.
- If there is not any scenes having been programmed in a bank, the scene can't be run, only the SCENES having been programmed are executed.
- If the fades is set to OFF ,Scene will execute channel program setting.

## 1. MANUAL RUN

I. Extinguish AUTO Triggered LED and MUSIC triggered LED.

II. Select a bank (using ↑ or ↓, MIDI signals through MIDI interface).

III. Press scene to run scene.

IV. Press the SCANNER to copy to, then the SCANNER is copied to another SCANNER.

## 2. AUTO RUN

I. Press AUTO/DEL ,corresponding, LED is ON.

II. Press TAP SYNC/DISPLA, Press it once more after some time ,the interval between two pressing is assigned to the speed of AUTO RUN ,the maximum limit is 10 minutes .If there are many pressings more than

twice ,the last two pressing are designated.

III. Select desired bank, using UP or DOWN via MIDI signals.

IV. Press Auto/DEL once more to withdraw AUTO RUN mode.

## 3. MUSIC RUN

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

Press desired scanner, corresponding LED is lit ,and appropriate channels is enabled to be adjusted, when scenes are running ,if fades control is OFF , channel output level is not controlled by the fades ,if fades if fades control is ON, channel 8-output level is controlled by the fades.

## 2. scene button

Press one scene button to run scene or to store, and the second digit of LCD DISPLAY shows scenes 1-8.

## 3. fade(1-8)

Slide the fades to adjust the output level of DMX channel from 0 to FF. (255)

## 4. PAGE SELECT

Press to select page A to B

## 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 (↑or↓)

Press UP or DOWN to increase or decrease Bank, the third and fourth digit of LED DISPLAY shows BAND NO.(01-30)

#### 5. CHASE 1- CHASE 6

Select desired CHASE to be programmed or run CHASE.

#### 6. PROGRAM

Turn the power on ,it is in MANUAL RUN mode, press PROGRAM for 2 seconds, corresponding LED blinks, SCENE and CHASE are ready to be programmed, press PROGRAM once more to return to RUN mode, corresponding LED goes out.

#### 7. MIDI/ADD

A、 Press MIDI key when running ,the third and fourth digit of LED flash, select MIDI channel using UP or DOWN, press MIDI key to make program when in PROGRAM mode.

B、 Press this key to make program when in PROGRAM mode.

#### 8. AUTO/DEL

A、 In RUN mode, press Auto/Del, corresponding LED is ON ,which indicates it is AUTO RUN mode, press once more to withdraw MUSIC mode, corresponding LED goes out.

B、 Press this key to make Scene and chase program when in PROGRAM mode.

#### 9. TAP SYNC /DISPLAY

A、 In AUTO RUN mode, running speed of scene is interval of last TWO pressing of TAP SYNC/DISPLAY ,Max.10 minutes.

B、 In PROGRAM mode, select display between STEP and BANK ,in other mode: Select display between 00-225 and 0%-100%.

#### 10. BLACKOUT

Press this key to disable all channel output, but not any other functions .Press once withdraw Black out 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 FOR SCENES

Press PROGRAM for 3 second, appropriate LED blink ,which indicates it in PROGRAM mode .

#### 1. SCENE PROGRAMMING

I.Press SCANNER key to select DMX channel composed. Of 8 channels.

II.Select different channel to control several devices at the same time.

III.A just appropriate fades to select desired output level ,then turn off fade.

IV.Select and adjust output level continuously until all devices are set.

V.Press MIDI /ADD.

#### 2. SCANNER COPY

I. Select desired scene of bank.

II.Make program of scene of scene to meet the requirement of device.

III. Press MIDI/ADD ,add a programmed scenes.

#### 3. SCENE EDITING

●Add a STEP in CHASE .Select desired LCD display Presses TAP SYNC/DISPLAY ,the LCD shows the CHASE and its STEP, If it has made program till the 15th step ,select the 9th using UP or DOWN, Press MIDI/ADD, the CHASE is maintained and the STEP turns to 10th STEP. Select desired SCENE using UP or DOWN ,Press MIDI/REC ,then the new 10th STEP is added to 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

Select desired STEP and then press AUTO /DEL .

For example, select the 10th STEP using UP or DOW, press ATUO/

DEL ,then 10th STEP is deleted, the previous 11th STEP turns to the 10th STEP, the previous 12th STEP, and so on.

#### **4.DELETE A CHASE**

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