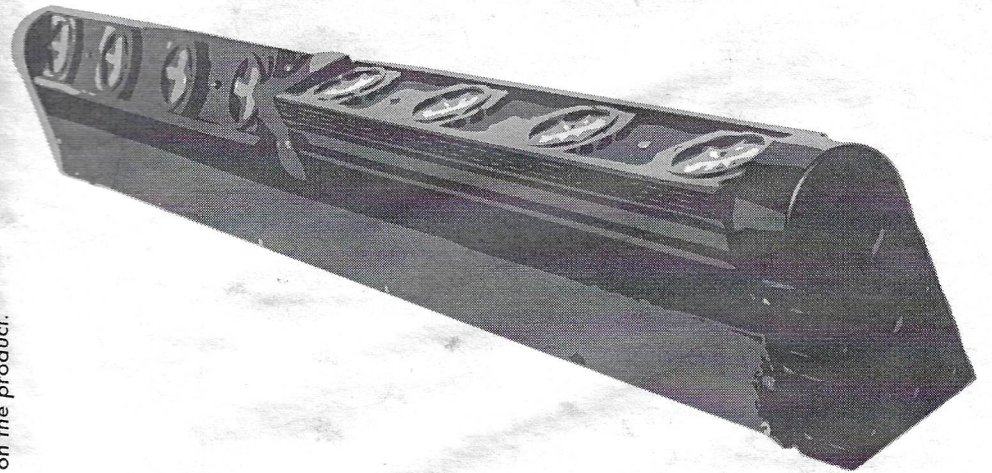


USER MANUAL

# Octobeam Cross



Read the user manual before turning on the product.

# TECshow

[www.tec-show.com](http://www.tec-show.com)

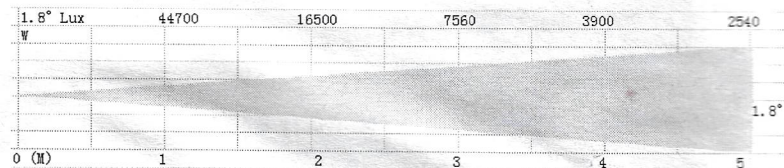
A division of  
**AMERICAN  
PRO**  
Int. Corp.

Our Octobem Cross offers many possibilities to achieve the effects which you want. It is specially designed for the stages, disco, night clubs etc, even the building halls. Please read the manual before operation

### A. SPECIFICATION

1. Power input: AC 100V/240V, 60Hz/50Hz
2. Wattage: 108 W
3. LEDs: 8\* 9W Cool White
4. Beam angle: 3 degrees
5. Selectable 1,12,16 DMX channels
6. Weight: 8.7 kg
7. Size: 1065\*95\*177mm
8. Control mode: LCD0802

### B. Photometric Chart



### C. OPERATION

There are many types of lighting effects for this fixture, there are five working modes:

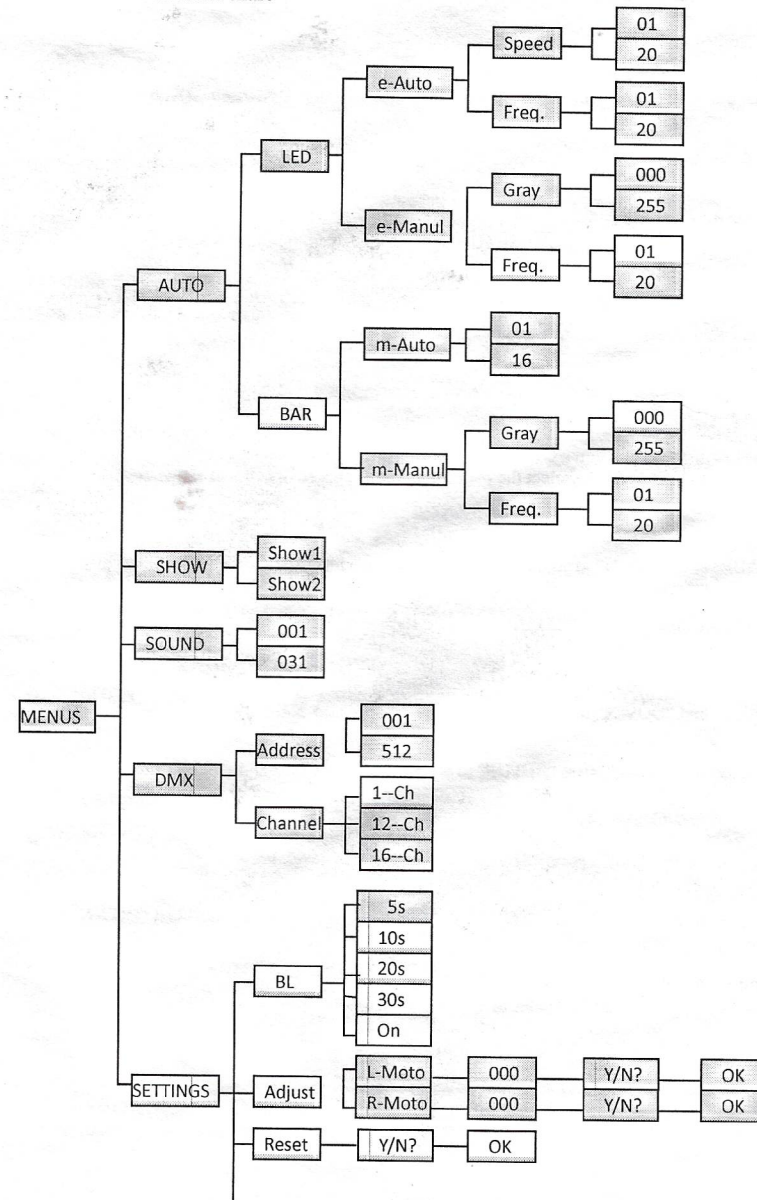
- Auto running
- Build-in program
- Sound-active mode
- DMX mode
- Slave mode

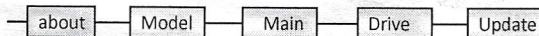
### D. Button function

Button	Function	Description
MODE	return to the last menu	In main menu, press to enter next mode; In submenu, press to return to last menu
SETUP	enter the next menu	
UP	plus	In parameter setting, press to add one In option menu, press to return to last menu In mode menu, press to enter next mode

DOWN	subtract	In parameter setting, press to subtract one In option menu, press to return to next menu In mode menu, press to enter last mode
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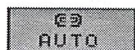
### E. LCD Menu structure chart





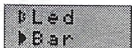
### 1. Auto running

When the display shows:



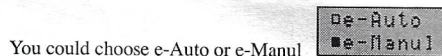
the light will run as the program which had been set.

Press "SETUP" enter to the optional menu. Press "UP" and "DOWN" to choose

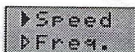


#### 1) LED function

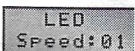
When choose "led", and press "SETUP" enter to LED auto running parameter setting.



When choose "e-Auto", press "SETUP" enter to the menu

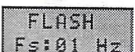


Press "UP" and "DOWN" to select the parameter. When choose Speed will show:



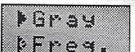
Press "UP" and "DOWN" to adjust the auto running speed from 01-20

When choose "Freq.", press "SETUP" to set the flash speed.



Press "UP" and "DOWN" to adjust the auto running speed 00-20Hz

When choose "e-Manul", press "SETUP" to set the LED brightness and the flash speed.

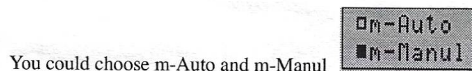


When you choose "Gray", press "SETUP" to set LED gray level. Press "UP" and "DOWN" to set from 000-255

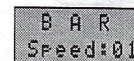
When you choose "Freq.", press "SETUP" to set the flash speed. Press "UP" and "DOWN" to set from 00-20Hz

#### 2) Bar function

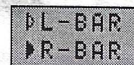
Choose "Bar", press "SETUP" enter to set the parameter.



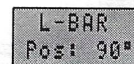
When you choose "m-Auto", press "SETUP" to set the speed 01-16



When you choose "m-Manul", the bar stop stalling. Press "SETUP" enter to set the Bar lock position



Choose "L-BAR", press "SETUP" to set the left bar through "UP" and "DOWN" When it is 90°, the bar is in the horizontal position. The same method to set the right bar.

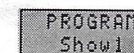


### 2. Build-in program

When display shows this menu, enter to the build-in program

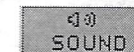


Press "SETUP" enter to choose build-in programs. There are 10 programs inside. Press "UP" and "DOWN" to choose from Show1 - Show10

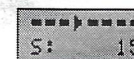


### 3. Sound-active Mode

When display shows this menu, enter to the sound-active mode.

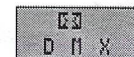


Press "SETUP" enters to adjust the sound sensitivity. Press "UP" and "DOWN" to adjust from 0-31

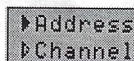


### 4. DMX Mode

When display shows this menu, enter to the DMX mode setting.



Press "SETUP" enters to set the optional menu.



When choose "Address", press "SETUP" enter to set the DMX address 1-512 through "UP" and "DOWN".



Address  
001

When choose "Channel", press "SETUP" enter to set the channel through "UP" and "DOWN"  
There are three channels: 1-ch, 12-ch, 16-ch (choose 12-ch to restore factory settings )

Channel  
12--Ch

This product has automatic identification functions. Once receive DMX signal will enter to DMX mode. Once the signal disappear, will return the former mode.

DMX In  
\*\*\*\*\*

When LCD shows \*\*\*\*\* , means enter to DMX mode.

DMX Mode 1:

1-ch		
Channel	Number	Function
1	0--19	LED close, electronic machine back to the horizontal position
	20-29	Show1
	30-39	Show2
	40-49	Show3
	50-59	Show4
	60-69	Show5
	70-79	Show6
	80-89	Show7
	90-99	Show8
	100-109	Show9
	110-119	Show10
	120-139	LED close, electronic machine back to the horizontal position
140-255	Sound active	

DMX Mode 2: 12-ch

12-ch		
Channel	Number	Function
1	0--180	Left BAR 0-180°(90°horizontal)
	180-255	Left BAR180°
2	0-255	Left BAR speed, more larger the number, more faster the speed
3	0-180	Right BAR 0-180°(90°horizontal)
	180-255	Right BAR180°



4	0-255	Left BAR speed, the larger number, more faster the speed
5	0-255	LED1 0-100%
6	0-255	LED2 0-100%
7	0-255	LED3 0-100%
8	0-255	LED4 0-100%
9	0-255	LED5 0-100%
10	0-255	LED6 0-100%
11	0-255	LED7 0-100%
12	0-255	LED8 0-100%

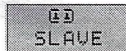
DMX Mode 3: 16-ch

16-ch		
Channel	Number	Function
1	0--180	Left BAR 0-180°(90° as level)
	180-255	Left BAR180°
2	0-255	Adjust Left BAR speed, the larger number, more faster the speed
3	0-180	Right BAR 0-180°(90°horizontal)
	180-255	Right BAR180°
4	0-255	Adjust Left BAR speed, the larger number, more faster the speed
5	0-255	LED1 0-100%
6	0-255	LED2 0-100%
7	0-255	LED3 0-100%
8	0-255	LED4 0-100%
9	0-255	LED5 0-100%
10	0-255	LED6 0-100%
11	0-255	LED7 0-100%
12	0-255	LED8 0-100%
13	0-255	Dimming
14	0-9	No function
	10-19	LED auto run, 1-4 channel control the electronic machine
	20-29	Show1
	30-39	Show2
	40-49	Show3
	50-59	Show4
	60-69	Show5
	70-79	Show6
80-89	Show7	
90-99	Show8	

	100-109	Show9
	110-119	Show10
	120-139	No function
	140-255	Sound active
15	0-255	Led speed (LED auto run)
16	0-14	LED no strobe
	15-255	LED strobe, the larger value, the faster speed

### 5. Master/slave Mode

When LCD displays this menu, means enter to the M/S mode.



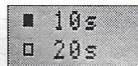
### F. Setup Menu

When shows , means enter to set the mode.

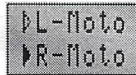
Press "SETUP", enter to optional menu. You could choose four options through pressing "UP" and "DOWN"

- 1) **BL Time** Set the LCD time
- 2) **Adjust** Adjust electronic machine
- 3) **Reset** Restore factory settings
- 4) **About** About product information

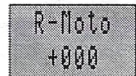
When choose "BL Time", press "SETUP" to set the time. Choose 5s,10s,20s,30s,On through pressing "UP" and "DOWN"



As the above picture, if you choose 10s. After you restore factory settings, the time will keep 10s. Choose "Adjust", press "SETUP" to set the position of electronic motor. When the bar is not in horizontal position, you could adjust it through this function.

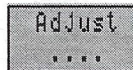


When display shows above picture, choose the electronic motor need to be adjusted. Now it chooses the right motor.



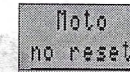
After testing the origin, check the bars are parallel or not through press "UP" and "DOWN".

When the bars are in parallel position, press "SETUP" and adjust the reset data.



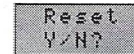
When display shows , the adjustment is finished.

When the electronic motor could not be reset, LCD shows no reset as follow picture.

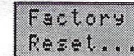


Choose "L-Moto" to adjust the left motor use the same method.

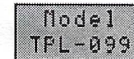
Choose "Reset", press "SETUP" to enter the restore factory setting. At this time, the display will show a prompt menu.



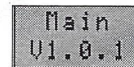
Press "SETUP", choose restore factory setting. LCD shows follow schedule.



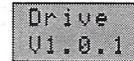
Choose "About", press "SETUP" to enter the product information. Press "UP" and "DOWN" to scan the information



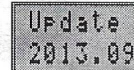
The above picture shows product item



The above picture shows program version (subject to the actual product)



The above picture shows driver version (subject to the actual product)



The above picture shows update date (subject to the actual product)

### G. Restore factory setting

Operate in the setup menu, please refer to the operation

Press "MODE", "SETUP" and make power on. When LCD prompts the following process, release the button and restore factory settings.

