USER MANUAL
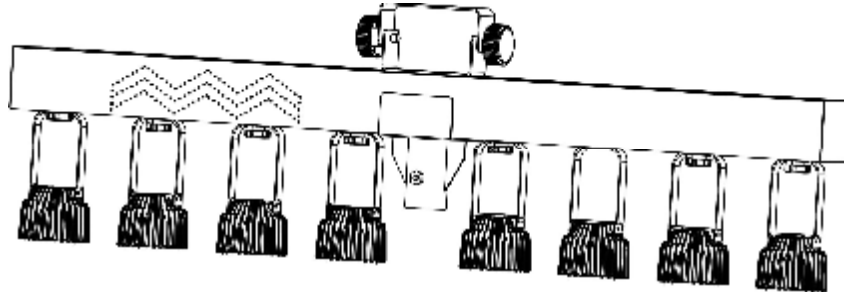
Complete 8-PAR Light System
Model 555-16200

The Stellar Labs Complete 8-PAR Light System offers many possibilities to achieve the effects desired by top DJs, bands, nightclubs and other performers who want a complete LED wash light system. As this includes the light stand, foot control pedal and carrying case, this unit can be utilized as a complete turnkey lighting system. Please read the manual before operation.

A. SPECIFICATIONS

- Voltage: 100~240VAC, 50Hz~60Hz
- Power consumption: 90W
- LED: Eight fixtures of three 3W tri-color LED's
- Beam angle: 25°
- DMX channels: 7 / 26
- Weight: 20 lbx. (includes footswitch)
- Size: 90.2* 25.4* 6.938 CM
- Dimensions:
    - Carry Case: 5″ (H) x 12″ (W) x 38″ (L)
    - Light Bar width: 35-1/2″
    - Height: 51″ ~ 90″ Adjustable
    - Footswitch: 2-1/2″ (H) x 17″ (W) x 7″ (D)

B. OPERATION

This unit features six modes:

- Multiple Built-in programs
- Auto Run
- DMX control (master / slave)
- Sound active
- Static color

C. PROGRAM MENU

- Press MODE to choose the desired operating mode. Repeatedly pressing the MODE button will scroll through the various modes: DMX Channel, Slave, Sound Activated, Static Color, Preprogrammed, and Automatic
- Once in a desired mode, press SETUP to make changes, using the UP or DOWN buttons

Built-in Program Mode

- Press the MODE button multiple times until Prxx is displayed (default is Pr01)
- There are 22 available programs, each with a unique sequence of lighting fades, chases and color changes. Without pressing the SETUP key, press UP or DOWN keys to choose Pr01 through Pr22
- If any program is selected, other than PR01, you can control the speed of those changes. While the program is running, press the SETUP key, the display will show SPxx. Using the UP or DOWN keys, you can choose any numerical value from 00 to 99 to adjust the speed (99 is fastest).
- Pr01 is the static color mode. If Pr01 is selected, you have seven colors to choose from, black (off) being the default. When in Pr01 mode, press the SETUP one time, the display will read 800F (Read Color #8, OFF).   Press the UP or DOWN keys to scroll through the seven preset colors. At this time, a single color will be displayed, steady on.
- From this point, to strobe these colors, press the SETUP key, the display will read F500. Using the UP and DOWN keys, you can set the unit to strobe. F500 is full on, F501 is slowest rate, F599 is fastest

Auto Run Mode

- Press MODE button multiple times until the display shows AUTO. In this mode, the unit automatically sequences through its 22 available programs described above.
- While in the Auto Running Mode, you can adjust the speed in which the programs change, as well as set a strobe rate, if desired. This is accomplished in exactly the same manner as described in the Built-in Program Mode.

DMX Mode – for use with DMX controller

- There are two DMX modes, 7-channel and 26-channel. While 26 channel mode offers much greater control flexibility, it also adds additional complication to programming and setup. The best mode to select will depend upon specific needs
- Press the MODE button multiple times until dxxx appears (d001 is default). The "d" will be blinking
- Press the SETUP key and the channel mode will display, either 7-CH or 26-CH. Use the UP and DOWN keys to toggle between these two modes
- Once the channel mode is set, you can set the beginning DMX channel
- Press the SETUP key again, the display will again display d001, with the blinking "d". Using the UP and DOWN keys, you can set the beginning DMX channel. The "d" will continue to blink until a DMX controller is connected and sends a signal

DMX Channel Allocations

7CH Mode

CH1	CH2	CH3	CH4	CH5			CH6	CH7
Master dimmer	R	G	B	NO.	DMX value	FUNCTION	SPEED	Strobe
0—255 dimming (0 = OFF)	0—255 dimming 0=OFF	0—255 dimming 0=OFF	0—255 dimming 0=OFF	1	0—7	OFF	NO USE	NO USE
				2	8—15	red	SPEED 0—255	0-9 no use
				3	16—23	Yellow		
				4	24—31	Green		
				5	32—39	Cyan		
				6	40—47	Blue		
				7	48—55	Purple		
				8	56—63	White		
				9	64—71	PROGRAM01		
				10	72—79	PROGRAM02		
				11	80--87	PROGRAM03		
				12	88—95	PROGRAM04		
				13	96—103	PROGRAM05		
				14	104—111	PROGRAM06		
				15	112—119	PROGRAM07		
				16	120—127	PROGRAM08		
				17	128—135	PROGRAM09		
				18	136—143	PROGRAM10		10-255 Strobe
				19	144—151	PROGRAM11		
				20	152—159	PROGRAM12		
				21	160—167	PROGRAM13		
				22	168—175	PROGRAM14		
				23	176—183	PROGRAM15		
				24	184—191	PROGRAM16		
				25	192—199	PROGRAM17		
				26	200—207	PROGRAM18		
				27	208—215	PROGRAM19		
				28	216—223	PROGRAM20		
				29	224—231	PROGRAM21		
				30	232--255	Sound Mode	Sensitivity 0--255	

DMX Channel Allocations

26CH Mode

CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9
Master dimmer	R	G	B	R	G	B	R	G
0—255 dimming	0—255 dimming	0—255 dimming	0—255 dimming	0—255 dimming	0—25 dimming	0—255 dimming	0—255 dimming	0—255 dimming
CH10	CH11	CH12	CH13	CH14	CH15	CH16	CH17	CH18
B	R	G	B	R	G	B	R	G
0—255 dimming	0—255 dimming	0—255 dimming	0—255 dimming	0—255 dimming	0—255 dimming	0—255 dimming	0—255 dimming	0—255 dimming
CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	
B	R	G	B	R	G	B	strobe	
0—255 dimming	0—255 dimming	0—255 dimming	0—255 dimming	0—255 dimming	0—255 dimming	0—255 Dimming	0-9 no use 10-255 Strobe	

Master / Slave Mode

Repeatedly press the MODE button until SLAv appears, this ensures the unit is in the slave mode. In this mode, all internal programming is disabled and the unit will follow standard DMX-512 protocol. It may be controlled either by another identical light fixture or by a standard DMX controller.

Sound-Activated Mode

- Repeatedly press the MODE button until the display shows SUxx. The display range is SU01~SU31. This is the sound activated mode, the SUxx number represents the sensitivity, with 31 being the most sensitive
- Press the UP or DOWN buttons to adjust the sensitivity
- Press the SETUP button to set the speed in which the sound active actions occur. The display will read SPxx, with the available range being SP-1 to SP10

Static Color Mode

- Repeatedly press the MODE button until the display reads Colr
- Press the SETUP key repeatedly, the display will scroll between rxxx, gxxx and bxxx, for RED, GREEN and BLUE
- The "xxx" represents any value between 000 and 255, which indicates the brightness of that particular color
- By pressing the UP or DOWN keys you can adjust the RGB LED's to display virtually any color

Footswitch Control

While connection of the footswitch is not required, using it will provide added convenience, especially stage environments.

- Auto Run – Toggles the unit in/out of the Auto Run mode
- Sound Activate – Toggles the unit in/out of the Sound Activated mode
- Freeze – Holds the lights in whatever state are currently in.   Pressing again will remove the "Freeze"
- Blackout – Blacks out all LED's and holds the unit in whatever state it is in.

Warranty

This Stellar Labs device is warranted, by MCM Electronics against defects for a period of 365 days from the date of purchase. This warranty includes manufacture defects and failure due to normal use and operation. Failure due to misuse, excessive wear or damage, improper installation or other external factors is not covered under this warranty. MCM Electronics is not responsible for any consequential on inconsequential damage to any other unit or component incorporated with this device. There are no other warranties, express or implied, which extend beyond this unit, and there are no warranties of fitness for any particular purpose.   The warranty does not cover consequential damage due to defective or improper use of products.