

Colorwasher HP 3W



General Information

Twenty four (24) 3W indoor LEDs fixture with a digital display operation panel. The fixtures can be controlled by 4 buttons "MODE", "SET UP", "UP", and "DOWN". It is designed for building illumination, stage entertainment, stage performance, theatrical application and more.

Specifications:

- :: Input power: AC 110V 50HZ
- :: Power consumption: 80W
- :: LEDs: 24pcs RGB 3W LEDS (R:8,G:8,B:8)
- :: Beam angle: 30 degree
- :: Thermal protection
- :: LED display for easy operation
- :: Selectable 5, 8, 14, 26 DMX channels for different applications
- :: Selectable built programs, auto run, DMX mode, M/S mode, sound active, dimming mode
- :: Housing: aluminum
- :: Weight: 14.55 lbs
- :: Size: 12.2 x 8.26 x 4 inches
- :: Indoor rated
- :: Black Aluminum

:: **Preservation Function:** It will preserve the current running program when it is turn off, then turn back on it will preserve the last program.

:: **Thermal Protection:** The will be turn off automatic when the LED PCB is over 85°C, but it will not affect the other connected light from working. It will work normally when you turn on the light again.



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Operation Mode:

- Static Color Selection Mode
- Manual Dimmer Mode
- Three Color Changing Mode
- Seven Color Changing Mode
- Three Color Fade Mode
- Seven Color Fade Mode
- Auto Run Mode
- Sound Activated Mode
- Slave Mode
- DMX Mode

Mode Descriptions and Functions:

1: Static Color Selection Mode:

Press the "MODE" button and the Display panel will show a "CL-X", then press the "UP" or "Down" to select one of the 8 static colors (0-7). During this mode the "SETUP" button is not functioning.

2: Manual Dimmer Mode:

Press the "MODE" button choose to dim from 3 color: for red choose the "R.XXX" in the display panel, for green choose "G.XXX" in the display screen, and for blue choose "B.XXX" in the display screen. Use the "UP" and "DOWN" buttons to toggle between the colors.

After selecting the color press the "SETUP" button to control the speed of the dimming. Use the "UP" and "DOWN" buttons to toggle between the speeds or rate of dimming (0-255).

3: Three color change mode:

Press the "MODE" button until the Display panel will shows a "J1.XX", then press the "SETUP" button to choose the speed and flash speed. When "J1.XX" is display press the "UP" and "DOWN" buttons to set the speed (01-99), when the "FS.XX" is displayed, press the "UP" and "DOWN" to set the flash speed (0-99).

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Mode Descriptions and Functions (continued) :

- 4: Seven Color Change Mode: Press the "MODE" button until the Display panel will shows a "J2.XX", then press the "SETUP" button to choose the speed and flash speed. When "J2.XX" is display press the "UP" and "DOWN" buttons to set the speed (01-99), when the "FS.XX" is displayed, press the "UP" and "DOWN" to set the flash speed (0-99).
- 5: Three Color Fade Mode: Press the "MODE" button until the Display panel will shows a "F1.XX", then press the "SETUP" button to choose the color fade speed and flash speed, When "F1.XX" is display, press the "UP" and "DOWN" buttons to set the color fade speed (1-99), when "FS.XX" is displayed, press the "UP" and "DOWN" buttons to set the flash speed (0-99)
- 6: Seven Color Fade Mode: Press the "MODE" button until the Display panel will shows a "F2.XX", then press the "SETUP" button to choose the color fade speed and flash speed, When "F2.XX" is display, press the "UP" and "DOWN" buttons to set the color fade speed (1-99), when "FS.XX" is displayed, press the "UP" and "DOWN" buttons to set the flash speed (0-99)
- 7: Auto Run Mode: Press the "MODE" button until the Display panel will shows a "AUTO", the built-in programs will run one after another in a continuous loop, under this mode the "SETUP" button is not available.
- 8: Sound Activated Mode: Press the "MODE" button until the Display panel will shows a "SU.XX", the press the "UP" and "DOWN" buttons to select the level of sound sensitivity (0-31) "SETUP" button is not available during this mode.
- 9: Auto Run Mode: Press the "MODE" button until the Display panel will shows a "SLAU", under this mode the "SETUP", "UP", "DOWN" buttons are not available.

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Mode Descriptions and Functions (continued) :

10: DMX Mode:

Press the "MODE" button, it has two displays modes "D.XXX" for DMX Addressing or "D-P.X" for DMX Mode to display. Press "SETUP" to toggle between the two mode, then press the "UP" and "DOWN" buttons to set the DMX address.

DMX Mode 1:

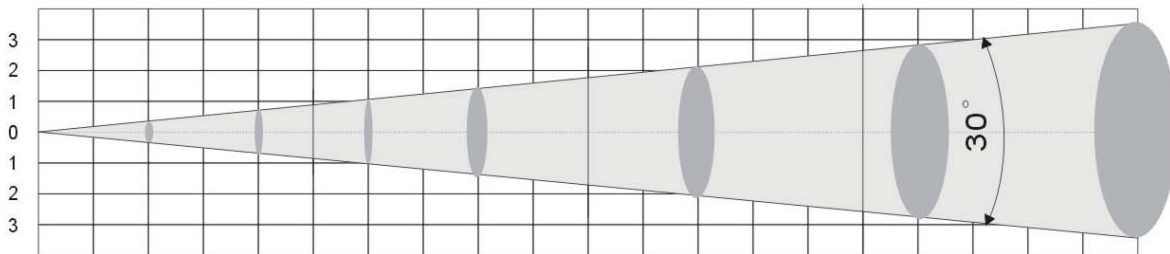
CH1	CH2	CH3
R	G	B

DMX Mode 2:

CH1	CH2	CH3	CH4	CH5
R	G	B	DIMMER	Strobe 0-10= OFF 11-255= ON (Slow-Fast)

Photometric Chart:

R	2360	1054	356	145	85	51	lux
G	4700	1925	636	253	142	81	lux
B	5050	2020	625	292	148	93	lux
RGB	11200	5120	1661	768	440	286	lux



1.64'	3.28'	6.56'	9.84'	13.11'	16.39'	Distance(Feet)
0.5	1	2	3	4	5	Distance(Meters)
1.39'	2.79'	5.57'	8.36'	11.15'	13.93'	Diameter(Feet)
0.425	0.85	1.7	2.55	3.4	4.25	Diameter(Meters)