

Solid-state
LED
Technology

DISPLAY HIGHLIGHTER

DH100A1

USER MANUAL



*What Would
you
Light Today!?*™



LIGHTING REVOLUTIONIZED

Chatsworth, California USA www.cyron.com

DISPLAY HIGHLIGHTER DH100A1

Thank you for choosing CYRON products. Please follow all the steps to assure proper installation and optimum usage of this device.

Contents _____

Locate all system components. If any of the components are missing or damaged contact CYRON before proceeding with installation.

- 1 X Light Engine
- 1 X Cord, Interconnect 3"
- Hook & Loop Fastener Coins



Possibilities _____

DH100A1 can be used to illuminate glass cases, glass shelves, POP stands, Acrylic countertops and many similar applications. It draws attention by combination of static and dynamic lights that are customizable by the user. One of the most important features is the ability to edge-light marquee signs. Standard and custom marquees are available directly from Cyron. To create a larger sign multiple Display Highlighters can be combined to produce a larger marquee.



Cautions and Common practices

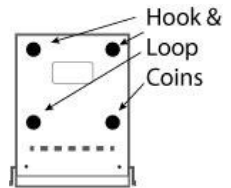
- Route and secure cords to prevent being pinched or damaged
- Keep the components and wires away from extreme heat, liquids, moving objects and any other physical wear and tare
- Do not place in a fully closed compartment smaller than 36 cubic inches (4"x6"x1.5")
- To comply with National Electrical Code (NEC) and to prevent fire danger, run the cords where they are accessible for examination. Cords should be visually examined periodically and immediately replaced when any damage is noted.

STOP DO NOT modify connectors and the internal components. Tampering with wirings may cause severe damage and voids factory warranty.

Installations _____

Before permanently installing the light determine its position for optimum performance. Make sure the white lights are shining where they are most effective. Allow clearance for the marquee if it interferes with any moving parts of the display. Position the unit so the green beacon lights are getting the most amount of attention. Mark this placement with a temporary marker or pencil.

Proceed with the permanent placement of the unit using the hook and loop fasteners.

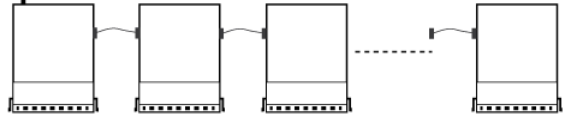


1. Clean off dust and grease from the area hook and loops will be placed.
2. Apply the hook & loop coins to their mated sides that are on the bottom of the housing.
3. Peel off the liner from hook & loop coins.
4. Carefully place the unit on the display.
5. Press down for 5 seconds to promote tape adhesion.

Plug the power supply into the outlet. Plug power supply cord to the light unit.

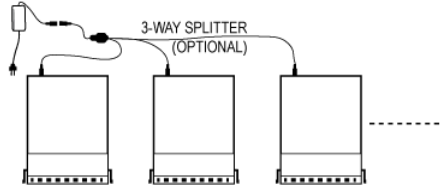
Multiple units can be daisy chained to synchronize the same light pattern. Use the interconnect cord to plug units into each other to create such effect. Alternatively, multiple units can be connected in parallel so each can have its own setting while using one power supply to power all the units.

POWER SUPPLY 100-240VAC **SYNCHRONIZED LIGHT PATTERN (DAISY CHAIN, 6 UNITS MAX)**



INDEPENDENT LIGHT PATTERN (PARALLEL, LIMITATION POWER SUPPLY RATING)

POWER SUPPLY, HIGHER CURRENT



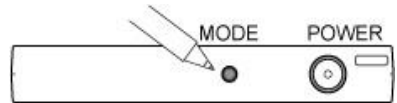
Operation _____

Display Highlighter has 3 light zones:

- **White Illuminator light**, illuminates the merchandise
- **Green Beacon light**, brings attention to the display
- **Blue Marquee**, edge lights signage

It is capable of producing over 700 combinations of light patters by providing 10 modes in each light zone.

1. Using a sharp object like a pen, press and hold MODE button for 2 seconds. One of the zones will flicker for 1 second. The unit is now in the programming mode and ready to change the functions of the zone that flickered.
2. Press and release the MODE button quickly to set the desired function from the chart below.
3. Repeat steps one and two to set remaining two zones.
4. After 3 minutes of inactivity the unit will exit programming mode.



Note: To reset all the zones back to factory settings press and hold MODE button for 5 seconds.

	<i>FUNCTION SETTING</i>
<i>A</i>	Full brightness on all the time
<i>B</i>	66% brightness on all the time
<i>C</i>	33% brightness on all the time
<i>D</i>	Off
<i>E</i>	Flash 1
<i>F</i>	Flash 2 (Same as Flash 1 but 50% dimmer)
<i>G</i>	Flash 3 (Same as Flash 1 but 2X speed)
<i>H</i>	Fade, low speed
<i>I</i>	Fade, medium speed
<i>J</i>	Fade, fast speed

Specifications _____

Supply voltage range 10-12VDC
Power 3W max, 2W nominal
Working Temp -20 to 60°C
Dimensions 5" x 3.5" x 7/8" (126 x 88 x 21mm)
White light 140 lumens, 85CRI, 120 beam, 4000K, 120° beam
Total light output (3 zones) 320 lumens

Optional Accessories _____

DH100-CRD30 Interconnect cord, 12"
DH100-CRD7 Interconnect cord, 3"
CON-Y2 2 way low voltage splitter
CON-Y3 3 way low voltage splitter
CON-DC4EXT 4ft extension cord, low voltage
PS18-SP12D Power supply, 18W, desktop, cord 10ft
PS30-SP12DS Power supply, 30W w/DC switch desktop, cord 10ft

Technical Support _____

techsupport@cyron.com
818-772-1900 x106

Warranty _____

Cyron warrants this product against any defects in materials or workmanship for a period of ONE (1) year from the date of purchase. The warranty covers normal usage as intended by the factory and does not cover misuse, abuse, accidents, or damages caused due to the acts of God. Proof of purchase is required.

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Please mail all warranty claims to:
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