



HTP904W2

Remote controlled
Multicolor Accent Lighting
System

CYRON, Inc.

USER MANUAL

Saving the planet, *One bulb at a time!*



LIGHTING REVOLUTIONIZED



LIGHTING REVOLUTIONIZED

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HTP904W2

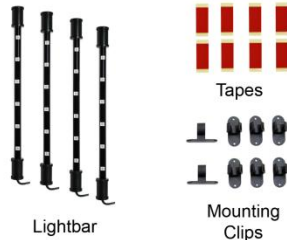
Multicolor LED Lighting System

Thank you for purchasing CYRON HTP904W2 LED Lighting System. This system will bring the latest lighting technology to your home theatre, home décor, cabinets, and many other areas you choose. Installation of the system is simple and it can be done by anyone with little or no electrical experience. Nonetheless, some custom installations may require professional help. Please contact CYRON Technical Support at 888-297-6660 ext.106 for advice.

Contents _____

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

- 1 x Controller
- 1 x Remote control
- 4 x Lightbars
- 1 x Power supply
- 8 x Mounting brackets
- 8 x Mounting tapes
- Wipes/hardware



General Cautions _____

To reduce the risk of fire, electric shock, or injury:

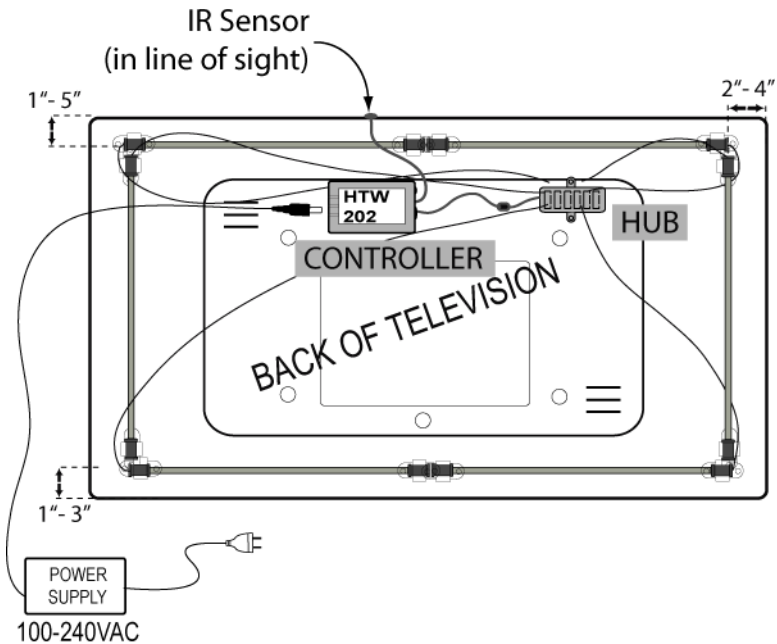


- Route and secure cords so that they will not be pinched or damaged
- To further secure the wires, use only insulated staples or plastic ties
- Not intended for recessed installations
- Not intended for surface installation inside built-in furnishings
- Do not install the entire system in closed compartments smaller than 4 cubic feet (26"x30"x10")
- 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.

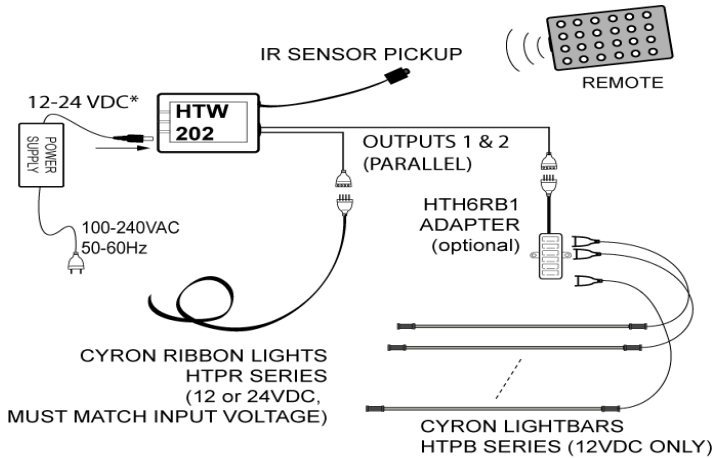
Installations

1. **LIGHTBAR LOCATIONS** NOTE: There are many intended uses and methods of light placement. In most of the cases, the objective is to place the lightbar so it is not directly visible, but only its projected lights are seen. Feel free to experiment with light placement and direction of light projection. There may be more than one good location.

Television Backlighting: The best location for television installations is normally behind the TV, about 1 to 4 inches from the outer edges (left and right in most cases). Vertically center the bars. You may use more than one light on each side. See TV backlighting diagram. The exact location may vary depending on the make and model of the TV.



Cabinets, Shelving, Furniture: Typical locations are top or bottom of the cabinets, behind furniture trimmings, on the shelves, and behind glass covers. Same general locations work well for most other objects. There are many ways to backlight and accent light. Try various positions to achieve the desired results.



General Wiring Diagram
with optional HTPR ribbon lights

2. **CLEANING:** Using the wipes provided test a small area to make sure it does not affect the mounting surfaces. Clean the installation surfaces free of dust/grease to assure the two-sided tape adheres well.

3. **MOUNTING CLIPS:** Mounting clips can be secured using the two-sided tape or 1/2 inch screws. **DO NOT USE SCREWS FOR FASTENING TO ELECTRONIC DEVICES AND SENSITIVE SURFACES.** CAUTION: Tapes may cause discoloration to some surfaces over time. Remove one side of the tape liner and apply to the bottom of the clips. Apply pressure for 5 seconds to assure adhesion. Place clips on the lightbars.

4. **LIGHTBAR PLACEMENT:** Remove the second side of tape liner. Keep the tape surface clean. Place the bars in the proper location by pressing on the clips for 5 seconds. CAUTION: Never press on the clear lens of bars. Lightbars will get damaged! Note the direction of the wires being routed to the hub.

5. **CONTROLLER:** It should preferably be installed out of sight, while planning for the IR sensor (receiver) to be installed in line of sight. REMOTE needs to be pointed at the IR sensor for operation. Cautions and Common practices:



Keep the controller and wires away from extreme heat, liquids, and moving objects.



Low voltage wires can be routed through walls and cabinets as long as proper care is taken to avoid damages.



DO NOT modify internal components. Tampering with components and wiring will void factory warranty.

6. **POWER UP** Plug the power supply into an AC outlet. The plug is polarized (one blade is wider than the other) as a feature to reduce the risk of electric shock. This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact the factory or a qualified electrician. Never use with an extension cord unless the plug can be fully inserted. Do not alter the plug.

7. **DC JACK** Connect the power supply DC cord to the controller DC input.

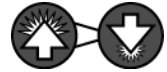
8. **LIGHTBARS:** Plug lightbars in the controller ports. The order in which the lights get plugged in is not important.

Operations _____

Turn the unit on and adjust the light angle by twisting the light bars within the brackets. Try several angles to achieve the desired results.

Operation of HTW202 controller is simple. Color buttons on the remote correlate to the colors displayed. Four different color shows STROBE, STEP, FADE, and COLOR automatically change light colors and patterns with pre-programmed sequences.

1. The speed of light can be changed using the Up and Down buttons. There are 5 different speeds available in STROBE, STEP, FADE, and COLOR modes. Brightness can also be adjusted in 5 steps. This can only be done when displaying solid colors.



2. There are two buttons under R & G for enabling Soft Mode. First, ensure the light is off. Press the Off button 5 times (the light should turn on). Next press the orange button to turn on Soft Mode or the green button to turn off Soft Mode. Simply turn off the light to save settings.

For Advanced Users Only!

3. Wiring sequences can be altered for products in which the lighting sequence doesn't match the remote, (the BRG sequence is selected by default.) First, ensure the light is off. Next press the off button 5 times (the light should turn on). Then press Yellow for RGB, Blue for GRB or Pink for BRG (buttons available on last row). Lastly turn the light off to save.

Optional Settings

Turn LED System ON when an outlet is switched on: Plug the power supply to a switched power source such as audio receiver's "Switched Power" or wall outlet that is controlled by a wall switch. Make sure the outlet is switched on. Using the POWER button on the controller, make sure the LED System is off. Press and hold the MODE button for 3 seconds. Now the unit will turn on automatically every time the outlet is turned on.

LED System remains OFF when an outlet is switched on: In a similar process, press and hold the PAUSE button for 3 seconds. The system will remain off

every time the outlet is switched on. In this mode, the system can only be turned on from the controller by pressing the POWER button.

Possibilities _____

The controller is compatible with all Media Highlighter lights. System is provided with 6 ports for easy connections to Media Highlighter Lightbars. For the ultimate expandability, the system is equipped with a second output plug that allows expanding the system with HTPR-RL ribbon lights or adding a second hub for more Media Highlighter lights.



When expanding system, the power supply must be upgraded to handle the total power usage of the system.

Specifications _____

Supply voltage range	100-240VAC, 50/60Hz
DC Supply voltage	12VDC
Peak power	HTP904W2=6W
Nominal power	HTP904W2=4W
Working Temperature	-20 to 60°C
Standby power	0.5W

HTW202 Controller Specifications _____

Supply voltage range	9-24VDC
Current	9A peak via DC jack 6A continuous
Continuous output power	72W @ 12VDC, 140W @ 24VDC
Working Temperature	-20 to 60°C
Common terminal	Anode
Standby power	0.5W

Technical Support _____

CYRON's primary goal is 100% customer satisfaction. You may call our technical support line or contact us via email 24/7.

techsupport@cyron.com

818-772-1900 x106

In order to continually improve our products we welcome all comments about the product you purchased.

Thank You!

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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Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

Please mail all warranty claims to:

CYRON, Inc.

Warranty Claim Dept

21029-C Itasca Street

Chatsworth, CA 91311 USA

Further warranty inquiries:

warranty@cyron.com



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