

1 Light Bar Installation

Installing Six LED Light Bars

☐ There are a total of six light bars—three light bars for each side of the cabinet. On each side:

- The upper double light bars are attached with a short wire.
- The lower single light bar is independent of the upper light bars.

☐ The double light bars attach to the sides of the Marquee Topper (short light bar) and HDTV Monitor (long light bar). The single light bars attach to the System Box.



Light Placement Diagram

Each light bar is designed to be flush with the exact height of the Marquee Topper, HDTV Monitor or System Box.

☐ See Light Placement Diagram at right for correct placement of the LED light bars.

☐ Starting with the lower single light bar, remove the plastic backing exposing the adhesive foam on the back of the light bar. Make sure the cable extends from the top of the light bar for easy concealment. Attach to the side of the System Box.

☐ Repeat the procedure on the upper double light bars: Remove the plastic backing exposing the adhesive foam on the back of the short light bar and attach to the Marquee Topper. Attach the long light bar to the side of the HDTV Monitor. The long light bar there is an opening in the aluminum channel for the wires to exit. This opening should be aligned with the bottom of the monitor.

☐ Repeat both of the steps above on the opposite side of the cabinet.



Make sure the cabinet is unplugged and the power is OFF.

Routing Cables and Connecting Splitter

☐ Route the four cable leads (two from double light bars and two from single light bars) through the opening on the back of the System Box (see reverse side). Keep the cables loose for now.

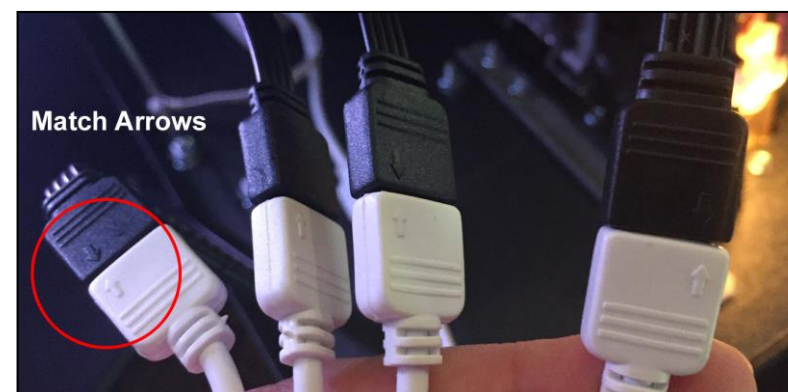
☐ Open the System Box and bring all of the cables from the lights forward.

☐ Carefully **match the arrows** on the black cable heads with the white 4-prong connectors on the Light Bar Splitter. See Light Bar Splitter on opposite page.

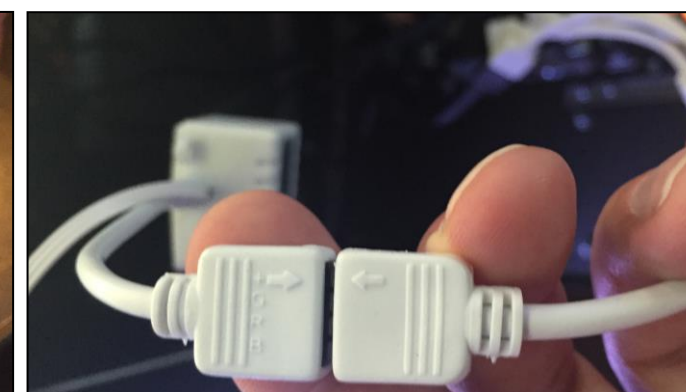
2 Cable Connections



If you do not correctly match the arrows the lights will not function.



Light Bar Splitter



Light Bar Splitter to RGB Control Box

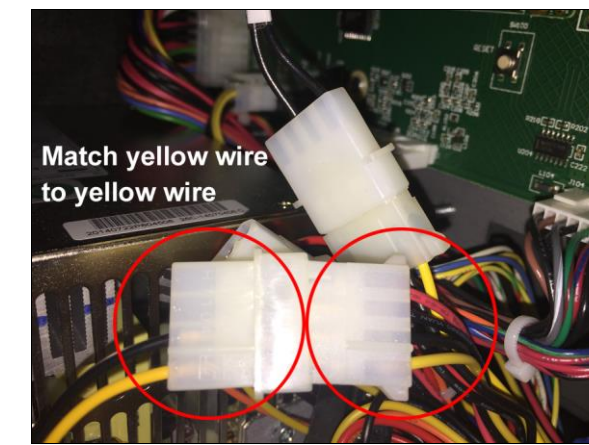
☐ Using the same method of matching arrows, connect the Light Bar Splitter to the RGB Control Box. See image above. Use black electrical tape to secure the cable leads do not detach from splitter.

Connecting RGB Control Box to Carrier Board

☐ Connect the black power cable into the RGB Control Box.



RGB Control Box



4-Pin Connection

See reverse side for final connections and remote control information.

This Quick Start Guide is one of four guides IT uses to help operators better understand our IMPACT cabinets. For more detailed installation instructions, visit <http://amusement.itsgames.com/service/manuals> and download the Install Guide. When installation is complete use the Operator Menu Guide to change the settings in the menus.

If your cabinet needs repair, or you have a technical question, call (847) 870-7027 x380 between 7 a.m. and 6 p.m. CST Monday through Friday, or email support@itsgames.com.

3 Final Connections & Cable Covers

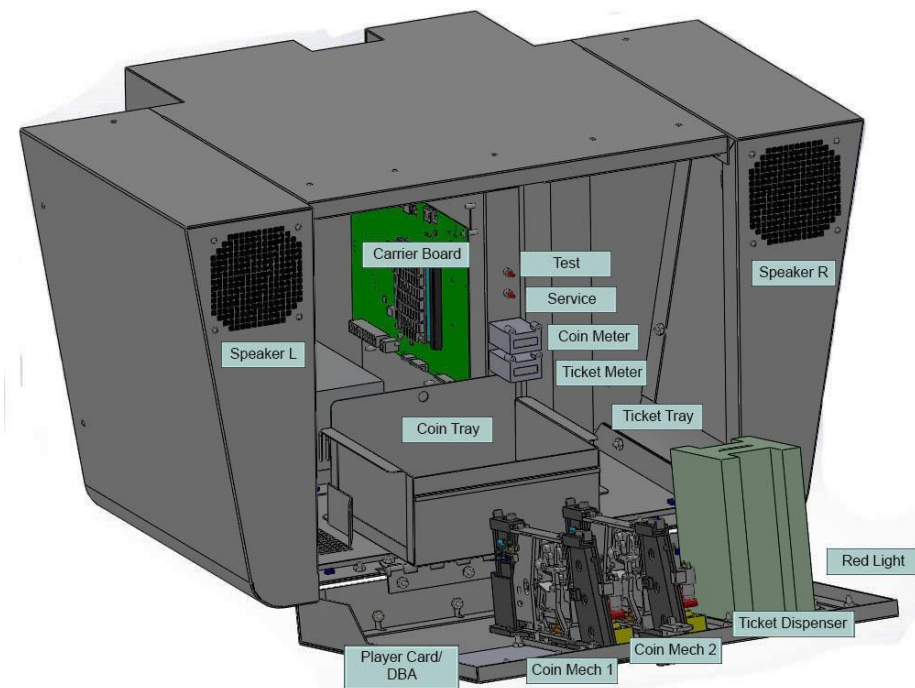
- Connect the other end of the black power cable (the end with the white connector) to an open 4-pin power source from the power supply on the Carrier Board. Be sure that both yellow wires are connected on the same side.
- Plug in the Impact cabinet power cord to a power source. Turn ON the cabinet.

⚠ There is an infrared receiver at the end of the free cord attached to the RGB Control Box. This must be visible to the remote control or the remote control for the LED light bars will not function.

- Position the end of the cord emerging from the RGB Control Box inside the cabinet so the infrared receiver is visible when the coin door is open. This allows operators to make adjustments to the light show when necessary. See opposite page for Remote Control tips.
- Use the cable covers (flat and tube) to hide the cables:

- Separate the two plastic pieces (adhesive side and rounded side) of one of the flat, short cable covers (8 inches) and remove the adhesive backing. Place the adhesive side flush with the bottom of the cabinet bezel on the left side, move cables into position along plastic and snap the rounded side of the cover into place over the cables. Repeat for the right side.
- Unsnap the flat, long (26-inch) cable cover, and place the adhesive along the underside of the monitor bezel. Arrange the cables along the cover and snap the rounded side of the plastic piece into position so the cables feed out the back of the notch toward the opening in the System Box.
- Wedge open the tube cable cover and slide the cables inside. The tube cable cover rests on the top of the System Box.

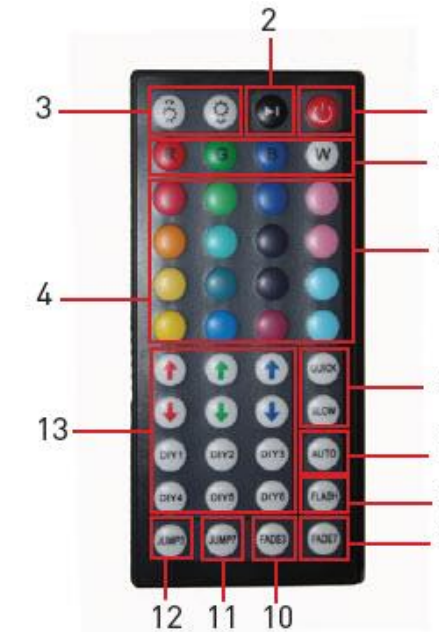
System Box



4 Remote Control

Light Effects Remote Control

- Point the remote control at the infrared receiver inside the System Box.
- Adjust based on location preference. For a slow fade between 7 colors, select **Auto** and **Fade 7**. See chart below for more detailed color light effect options.



1. ON/OFF: Turn the strip ON/OFF
2. Play/Pause: Play/Pause the chosen light effect
3. DIM-buttons: Brighten or darken the chosen color
4. Main colors: Red, green, blue and white
5. Predefined colors: Change the main colors
6. Quick/Slow: Adjust the speed of the chosen light effect
7. Auto: All available light effects are shown one by one
8. FLASH: The strip will flash in white color (#)(*)
9. Fade7: 7 colors of the strip will slowly change, from one color shade to another, without flashing (#)
10. Fade3: 3 RGB colors will slowly change, from one color shade to another, without flashing (#)
11. Jump7: 7 colors of the strip will change quickly (#)(*)
12. Jump3: The strip changes into 3 RGB colors quickly (#)(*)

(#) The speed of all these light effects can be adjusted using the Quick/Slow buttons (6).

(*) The brightness of all these light effects can be adjusted using the DIM buttons (3).

13. DIY buttons and Arrow buttons: There are 3 groups of "up" and "down" arrow buttons for Red/ Green/Blue colors and 6 DIY color setting buttons. The DIY color setting buttons can be used to store your favorite color effects. Press a DIY button, for example DIY 1, to enter the DIY color mode. You can now adjust the brightness of the Red/Green/Blue color using the 6 arrow buttons until you have created your desired light effect. Press the DIY1 button again to store the selected light effect. The next time this button is pressed, it will display the color which you saved the last time. There are 6 DIY buttons to save your favorite 6 color schemes.



If another button is pressed during the color setting process, the selected light effect will not be saved!

All DIY buttons are independent. For example: if you press DIY 1 button first and then press DIY 2 button, DIY 1 button will be invalid until DIY 2 button is pressed again and the current color is saved.