PIXLWAY

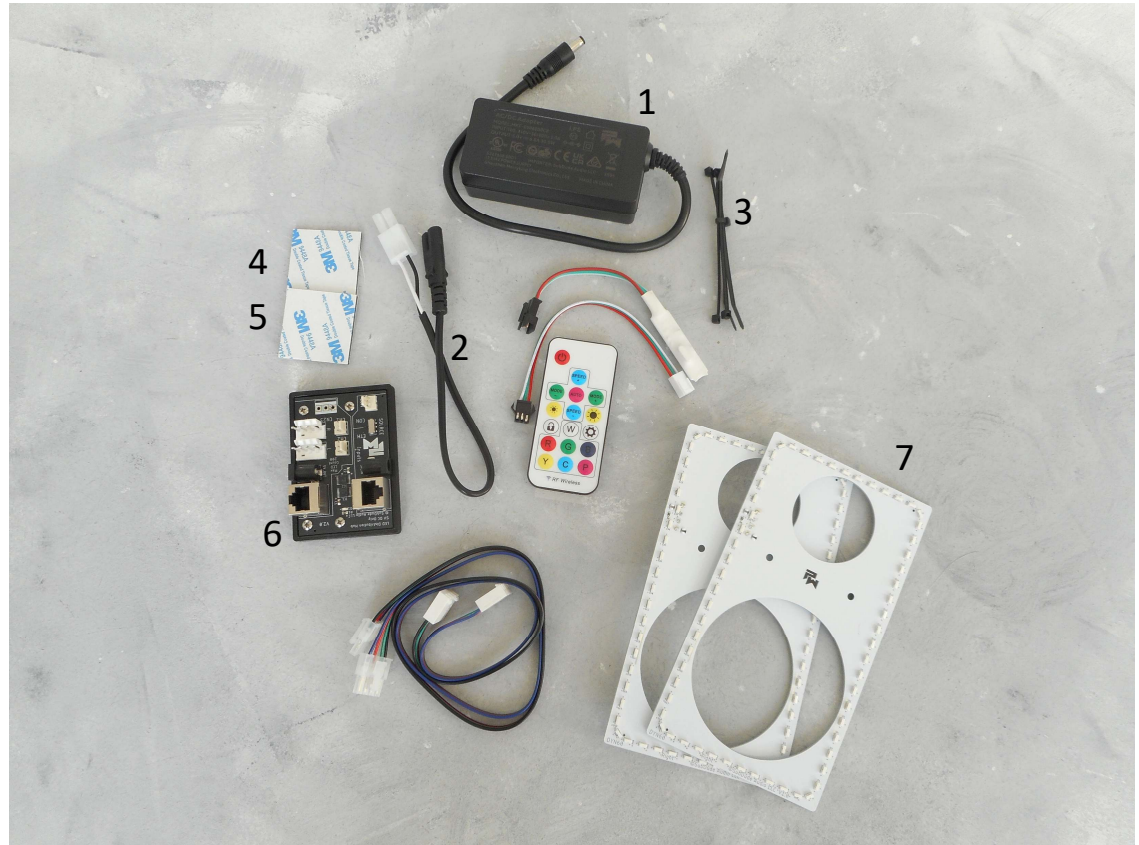**Take your time, follow the instructions, relax, and enjoy yourself!**

WARNINGS: Perform installation with your pinball machine turned off and unplugged from AC power.

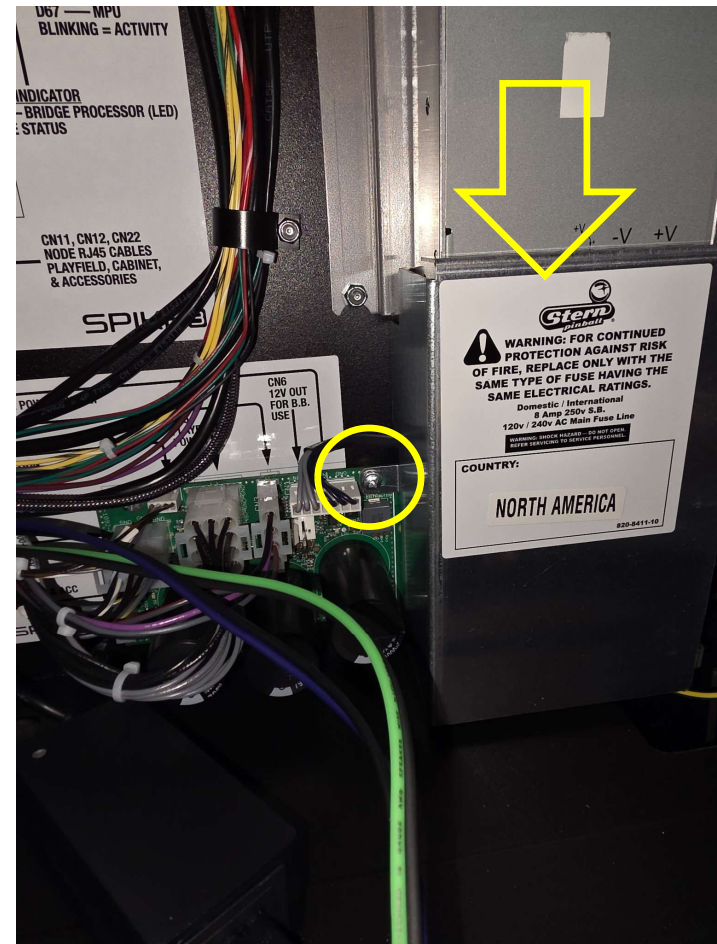# PixlWav Spike-3 Dynamic Speaker Light Kit Instructions

Kit Components

1. 5V DC Power Adapter

2. 110AC Bill Validator Adapter Cable

3. 4in Cable Ties

4. Adhesive Pad – Adapter

5. Adhesive Pad - Hub

6. PixlWav Hub

7. Left and Right LED Panels

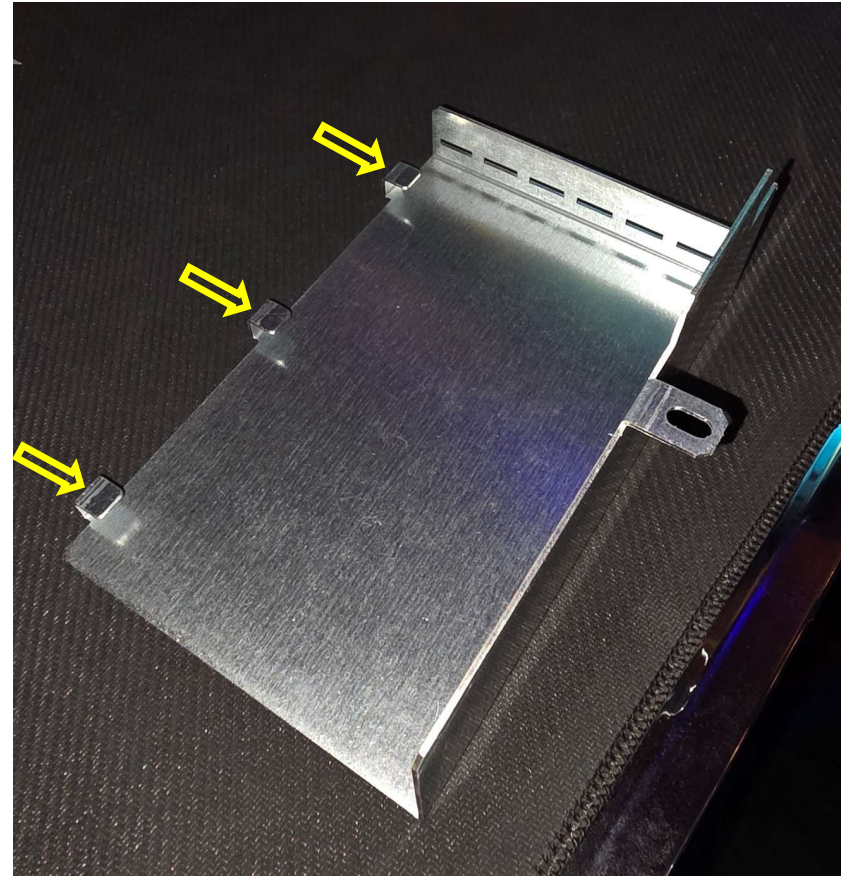# AC Power Adapter Connection – North American Instructions - 1

<mark>Your pinball machine must be turned off and unplugged from AC power before proceeding!</mark>

1. Locate the Power Box Cover as indicated by the yellow arrow in the image to the right.

2. Remove the screw shown in the image below using a Phillips Head Screwdriver.

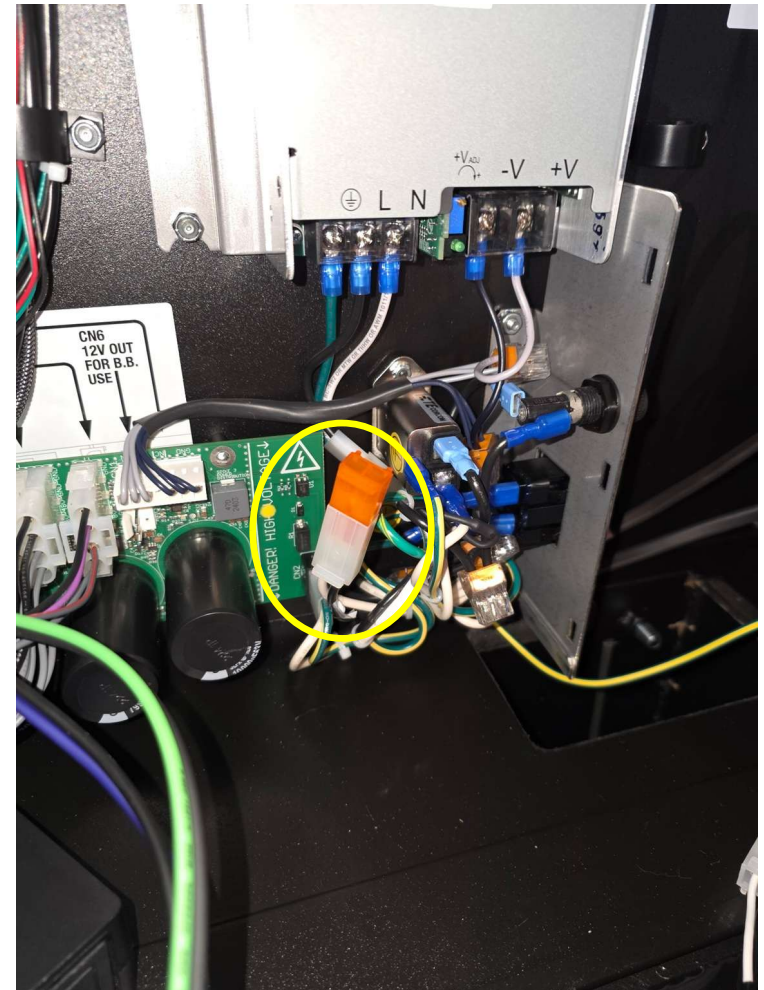3. Proceed to next slide for additional details.

AC Power Adapter Connection – North American Instructions - 2

1. Note that the Power Box Cover is hinged as indicated by the yellow arrows in the image to the right.
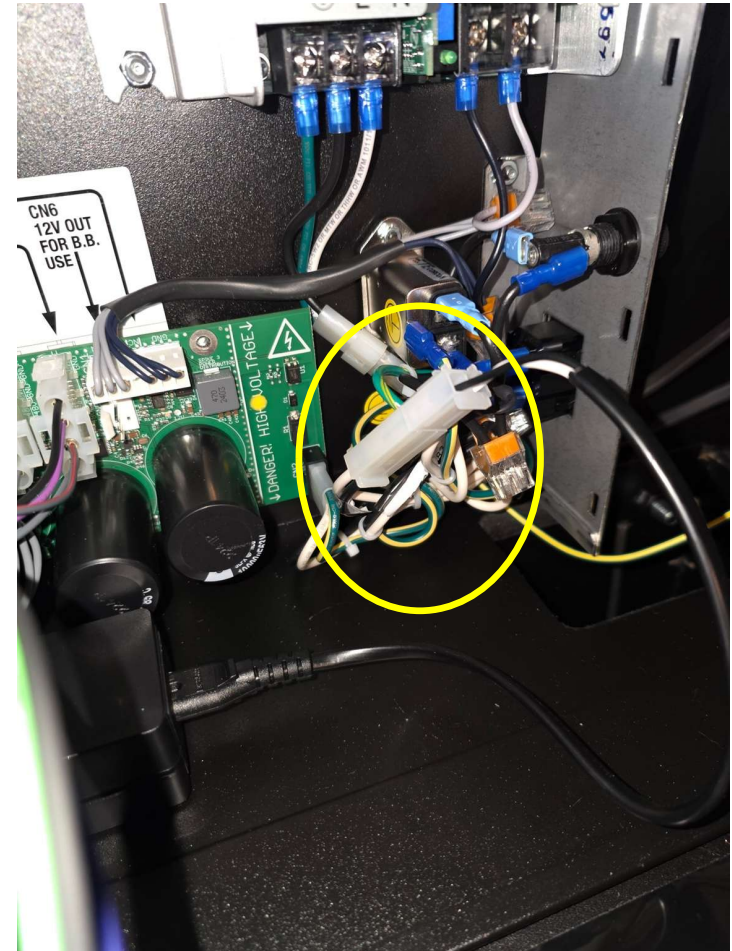
AC Power Adapter Connection – North American Instructions - 3

1. Locate the Bill Validator power connector as shown to the right and indicated by the yellow oval.

2. You may need to search for this connector in the wire bundle.

3. This connector typically has an orange dummy plug inserted for safety and high visibility.

4. Remove the orange dummy plug to expose the AC power connector.

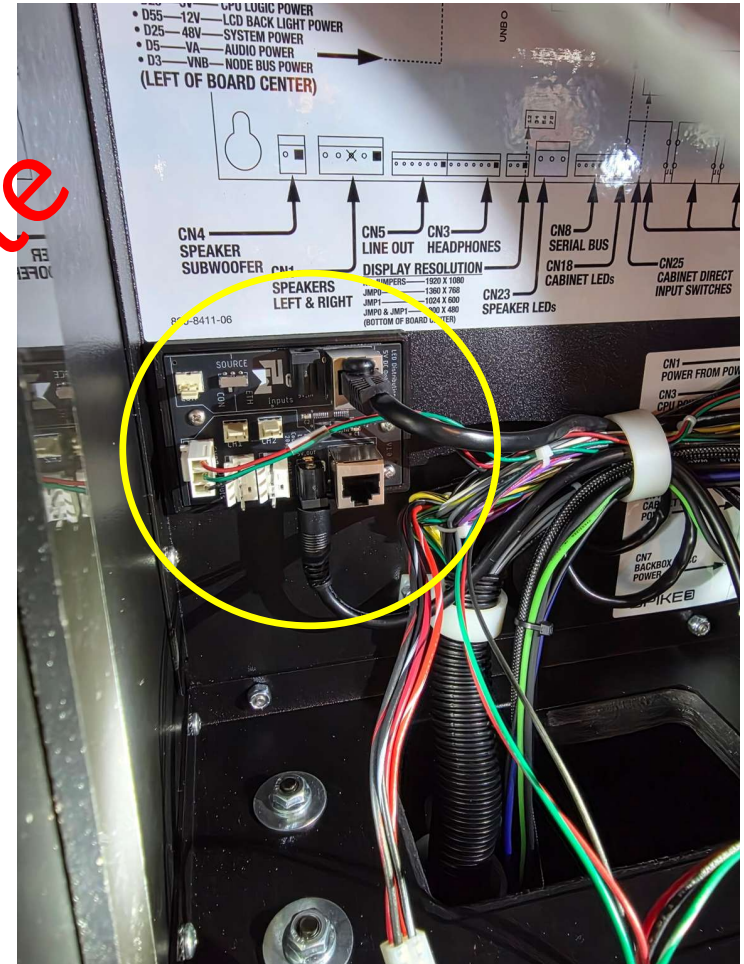# AC Power Adapter Connection – North American Instructions - 4

1. Plug the matching end of the 110AC Bill Validator Adapter Cable to the connector discussed in the last step as indicated by the yellow oval.

2. Replace the Power Box Cover now, routing the 110AC Bill Validator Adapter Cable through the bottom opening of the Power Box Cover.

3. After you test your setup, utilize the Adhesive Pad for the AC Power Adapter Box and affix it to the bottom edge of the backbox in an appropriate location.

PixlWav Hub - 1

1. The PixlWav Hub is shown in the yellow circle to the right.

2. This is an approximate final mounting location near the left-side interior of the backbox and based on wire length limitations.

3. After you test your setup, utilize the Adhesive Pad for the PixlWav Hub and affix it to the approximate location shown, limited by wire lengths and care not to put tension on any wires.

4. The adhesive pad must be "massaged" into the 3D printed carrier well to get good adhesion. Do this carefully so as not to damage the hub components or connectors.
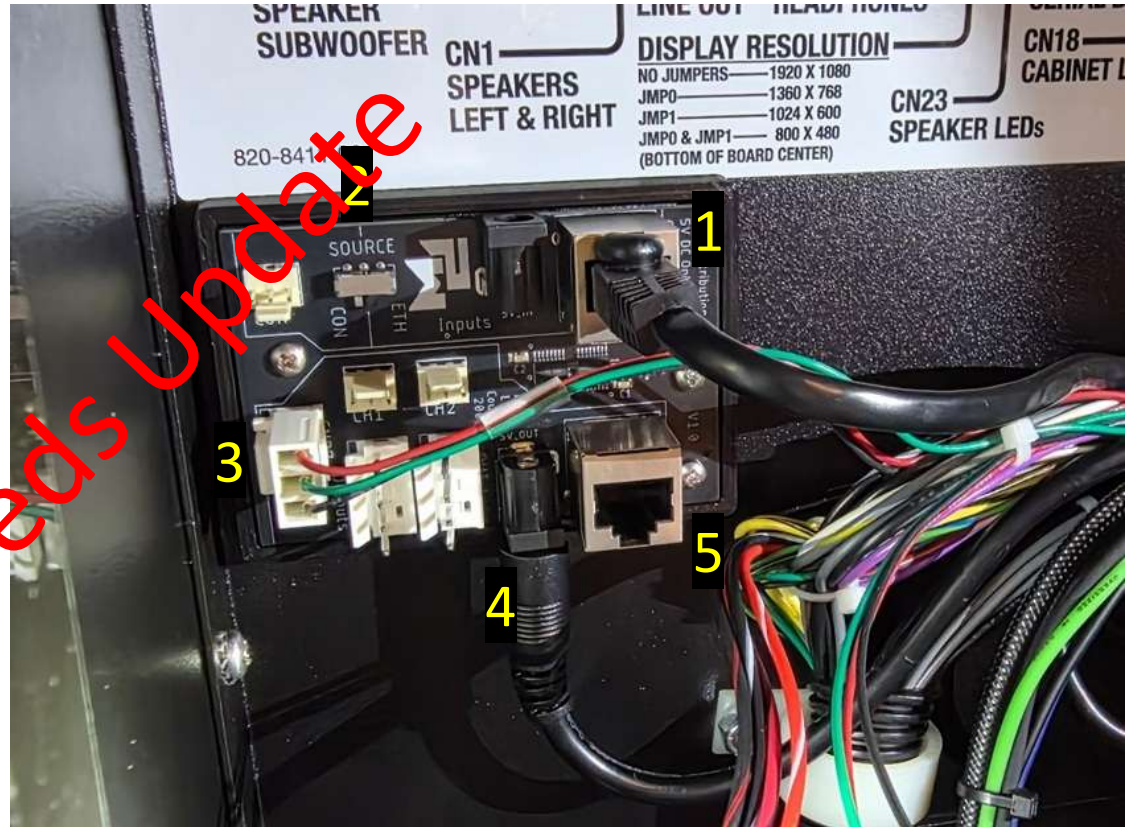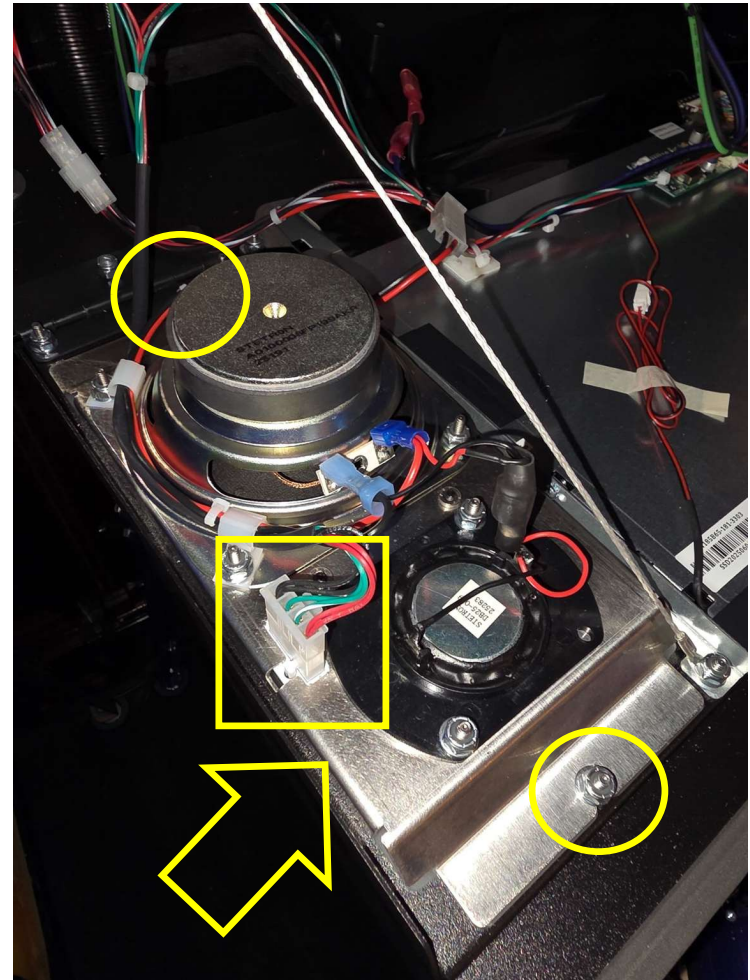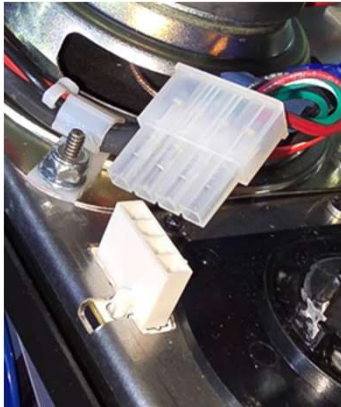
PixlWav Hub - 2

1. Plug the 1ft Ethernet Cable as shown.

2. Ensure the "SOURCE" Switch is set to the "ETH" position.

3. Plug the original CN23 factory wire connector as shown.

4. Plug the Power Adapter 5V DC output Plug to either the "5V_In" or "5V_Out" Hub Power Jack as shown. The "5V_Out" jack is likely more convenient as shown.

5. The Output Ethernet Jack can be used for extended lighting applications utilizing additional PixlWav cabinet lighting accessory kits, etc.

LED Panel Connections - 1

1. The Left-Hand Speaker Plate is shown, indicated by the yellow arrow.

2. Disconnect the connector shown in the yellow square. (Image below.)

3. Remove the nuts and washers shown in the yellow circles. Save them as they will be re-used later.

4. Liberate the speaker plate for the next step.

LED Panel Connections - 2

1. The liberated Speaker Plate is shown to the right.

2. Remove the two Phillips Head Screws indicated by the yellow circles. These screws will be re-used later.
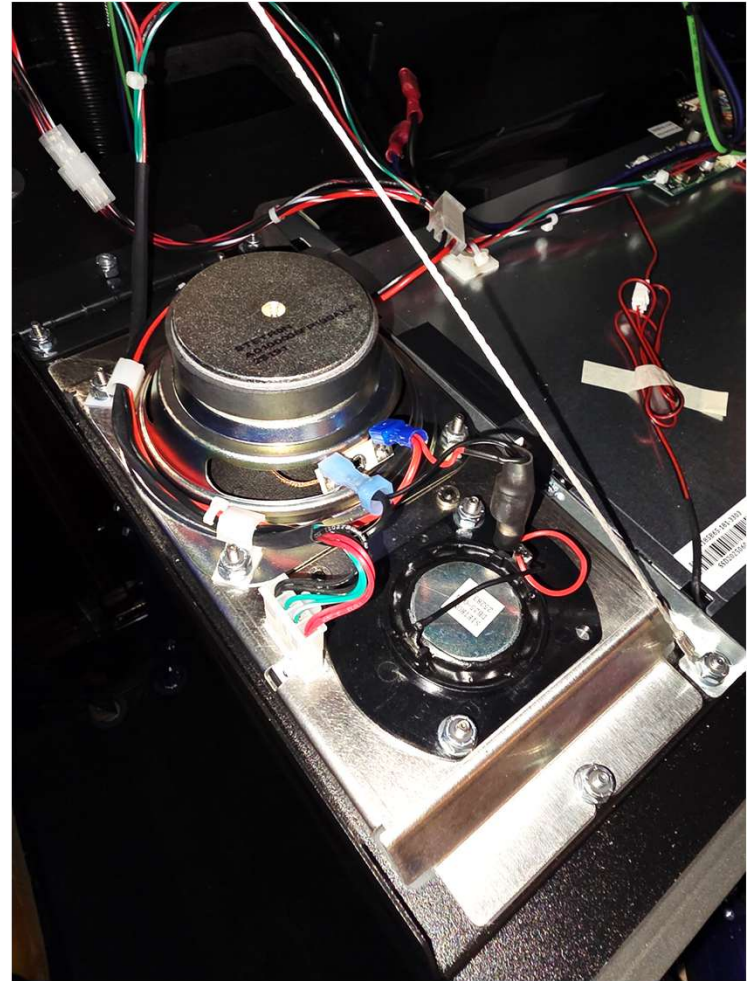
LED Panel Connections - 3

1. Install one of the two new LED panels, replacing the screws as shown.

LED Panel Connections - 5

1. Replace the Speaker Panel, securing the nuts and washers retained from a previous step.

2. Re-plug the LED harness.

3. Repeat the installation process on the Right-Hand Speaker Panel.

4. Test your setup.

5. Secure the hub and Adapter using the Adhesive Squares as previously described.

FIXLWAY

You Have Installed your LED Speaker Lights