



CFTBL Movie Poster Mod

Thanks for buying the Movie Poster Mod!

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A. Standard Installation

The standard installation includes a DK Pinball Power Tap to grab 5v (display) and 12v (El wire) from the driver board.

The Most Basic Instructions:

- 1). Plug the 5-pin square connector to the display
- 2). Mount the display
- 3). Plug in the DK Pinball Power Tap to J117 on the driver board.

Need More Details?

- 1). Remove the backglass, playfield glass, and pull the playfield out to the service position.



2). Remove the nylon nut that is about 1" in front of the gate at the end of the launch lane with a 5/16" nut driver. Set the nut where you can reach it in a future step.

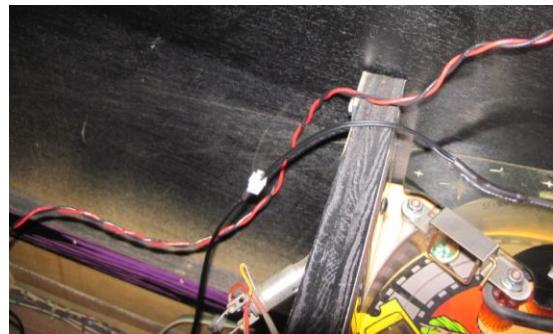


3) Remove display and harnesses from the package, and remove twist ties holding harnesses together.



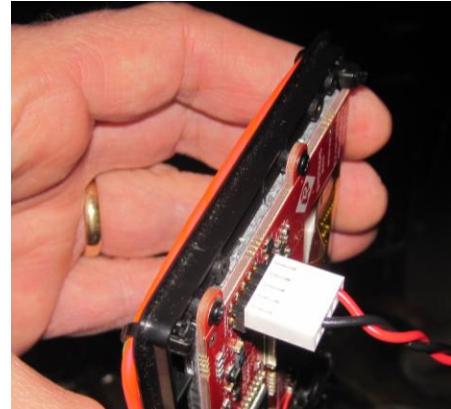
4) Everything should be plugged together except the white square connector on the red/black harness.

You can place the Power Tap and harnesses over the back of the playfield and into the cabinet for now, but hang on to the white square connector on the red/black harness.



Plug this white square connector to the back of the display before mounting the display.

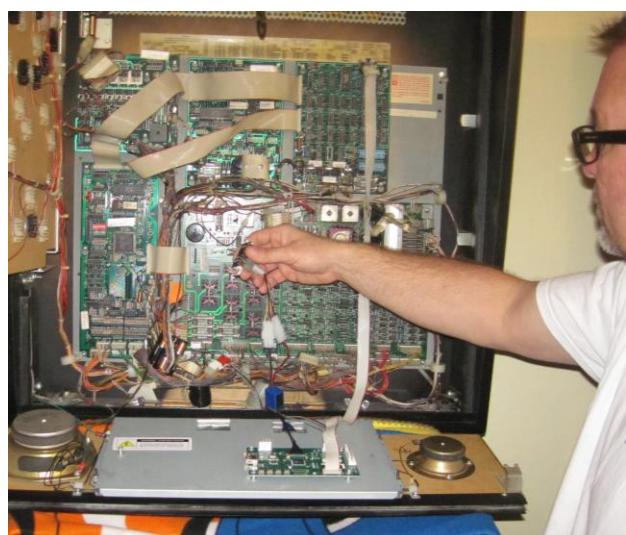
- There are two rows of 5 pins on the top-back of the display. Plug the 5-pin square connector to the TOP ROW with the visible tins on the connector facing UP.



5) Mount the display to the threaded post where you removed the nut in step 2. Replace the nut and tighten with a 5/16" nut driver. Move the display to the proper angle as you tighten the nut.



6) From the right side of the cabinet, swing open the backglass light board. Reach into the back of the cabinet and grab the power tap. Lower the speaker panel and feed the Power Tap under the backboard artwork and up through the head.



7) Find J117 on the driver board (lower left corner). Unplug the connector at J117 and plug it into the male pins on the Power Tap before mounting the tap to the driver board. Plug the Power Tap into J117. Be sure you have the tap aligned on the pins properly.



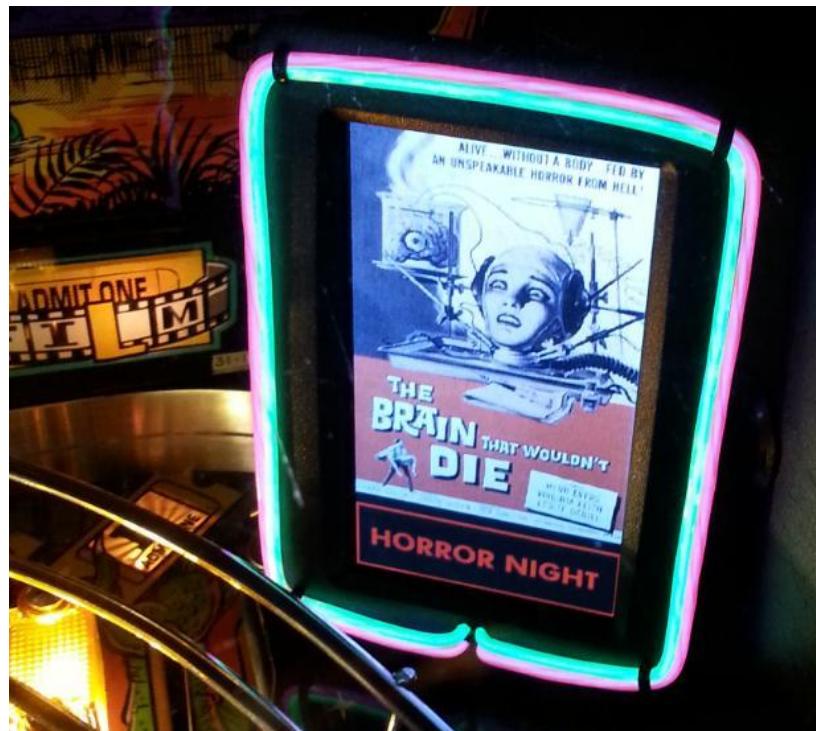
8) Lower the playfield. As you lower the playfield, there should be enough of a gap between the playfield backboard and the backboard artwork for the two harnesses. The lead coming off the back of the display should be long enough for the connector to pass beyond the backboard and not get pinched between the backboards.



9) Replace the translight and the playfield glass and power on your game.



10) Play pinball!



B. Alternative Power Options

Many CFTBL owners have a lot of mods installed on their games, and because of this have set up external power supplies or other means of receiving 5v and 12v to avoid consuming too much power from the driver board.

These instructions do not provide you with details of how to set up power options, but rather inform you of a couple of the different options. The seller of this mod does not take responsibility for any customer's external power supply set up.

Here are a few :

- A dual output switching power supply that can be tied into the game's power switch, and then powering a DK Pinball FTS-8 or power strip. A knowledgeable pinball technician would be recommended for installation, as this will involve working with high voltage.



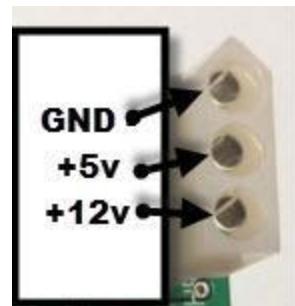
- Smart Strips. If you plug your machine into the Controlled outlet (blue), you can use wall wart adapters to directly power your mods, and they will power on with the machine when they are plugged into the Automatically Switched outlets (green).



You would need to install the 3-pin plug to the end of the wall wart cable to accommodate the 3-pin connector on your mods. The example on the right is a 5v wall wart adapter with the original connector cut off and the standard 3-pin plug installed. The same could be done for a 12v wall wart adapter. You could power mods directly by plugging them into this adapter.



Please be aware of how this standard 3-pin is set up. Sending improper voltage to a mod could result in damage to the mod.



There are also other ways pinball collectors have provided power options for their mods. This is only an example of a few.

Regardless of how you are tapping power, the Poster Mod comes with the standard 3-pin connector for both the display and the EL wire.

- The display uses 5v (top pin is ground, middle pin is 5v). DO NOT SUPPLY ANY OTHER VOLTAGE TO THE DISPLAY. IT WILL FRY THE DISPLAY BOARD WITH ANYTHING HIGHER THAN 5V.**
- The EL wire uses 12v (top pin is ground, bottom pin is 12v).**