



JJPMAC Installation Manual

Version 2.2 September 22, 2015



1. Warnings and Agreements

Welcome! The JJPMAC Pinball Master Audio Controller has been designed for simplicity of installation! As with any Pinball Machine modification and add on kit there is a required level of expertise for the installation. If you are not proficient in basic pinball parts installation we recommend having our kit installed by someone who is proficient with the basics of pinball repair. Pinnovators requires our kit be installed by an experienced Pinball service technician with basic electrical skills. As with any electrical piece of equipment a danger does exist and you must agree to not hold Pinnovators responsible for any injury, damages, etc. before continuing.

Power Cord: ALWAYS UNPLUG THE POWER CORD for safety when working on your pinball machine!



2. What's included in the JJPMAC Kit

JJPMAC Panel

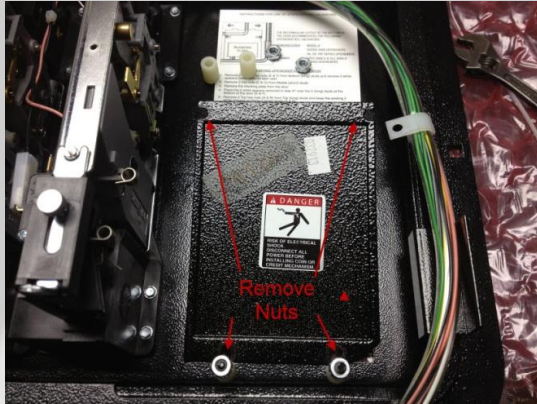
Front View	Back View (old style)
Back view (new pcb kit)	
Adapter for Newer Style Game doors (Not included with new pcb kits)	

Requirements:

The Pinnovators JJPMAC systems require a Dollar Bill Acceptor/credit card acceptor slot on the machine's Coin door in the lower location. This is found on the standard coin door on Jersey Jack Pinball Machines.

3. Coin Door Installation JJPAC:

Remove Dollar Bill Acceptor blank plate by unbolting the four nuts as shown Note: Save the washers and spacers. The washers are used to properly space the length of the screw.



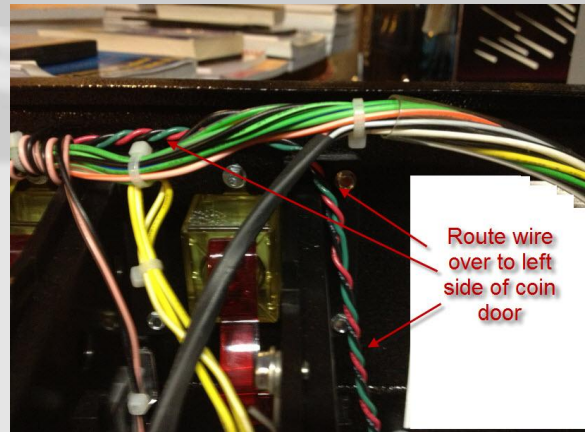
Insert the JJPAC plate as shown below.



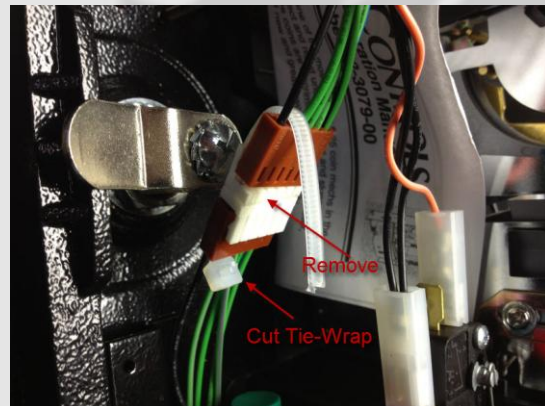
Move the nylon cable clamp to the front of the spacer used in the upper right corner of the plate. Fasten with the original hardware.

4. Coin door Wire Routing (old style)

Route the JJPAC remote cable over the top of the coin slots as shown. Route it down to the system control panel buttons.



Cut the tie-wrap as shown then disconnect the male to male jumper.

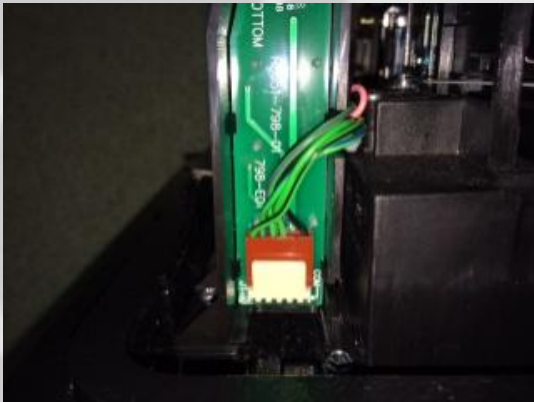


Insert the PP2MAC cable connector into the two female connectors as shown below.

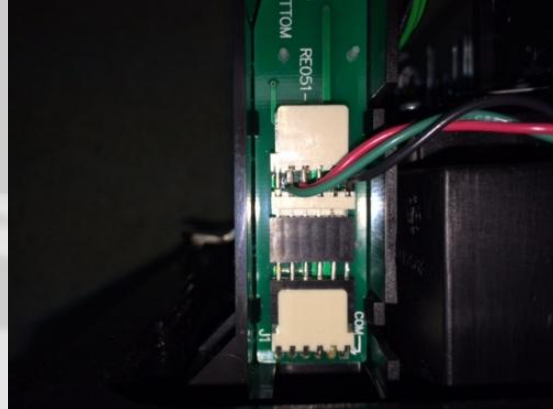


5. Coin door Wire Routing (new style coin door with non-PCB older kits.)

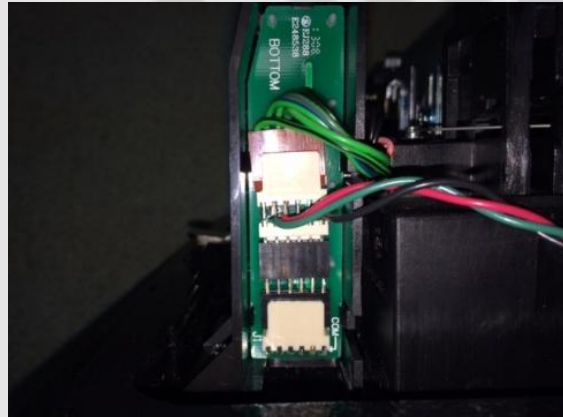
Locate the connector shown below under the coin door adjustment switch panel. Unplug the cable and insert the keyed adapter as shown. Line the key pin to the cut pin on the white connector. Don't force it!



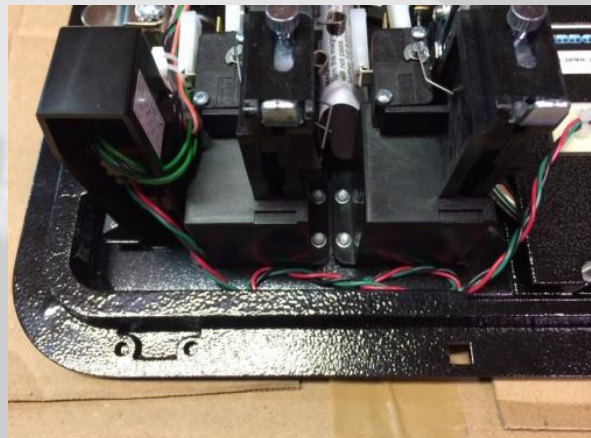
Next insert the cable from the JJPMAC as shown.



Insert the original cable into the JJPMAC connector.

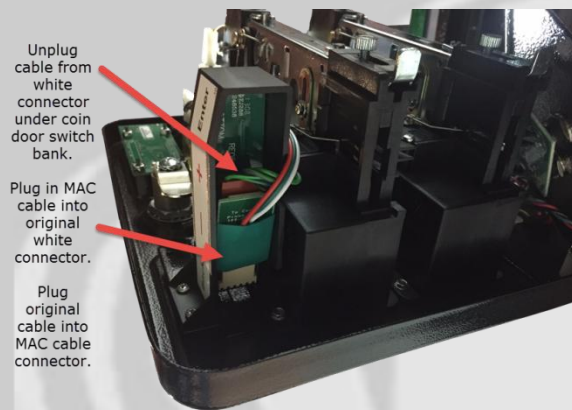


Make sure that the JJPMAC cable is routed under the coin mechs. Wrap the wire and tuck it into the area shown.



Latest JJPMAC Kit

The latest version of the JJPMAC kit has a small Printed Circuit board with connectors mounted to it. The PCB is inserted in line with the cable going to the coin door pushbuttons as shown below.



Final Checkout

Power up the system and start a new game. Verify sound can be heard from the system speakers.

Operate the System Volume UP button and verify the system volume increases. Operate the System Volume Down button and verify the system volume decreases.



Now you're Off to See (and hear) the Wizard!

Remember that the overall headphone level depends on the system volume level. Adjust the system levels as desired but set to a moderate level when using headphones.

Pinnovators tested the PinPac Headphone kits on many different headphones. Our favorite was the Beats by Dr. Dre. We also tested a moderately priced set of headphones ~\$30 and was still blown away by how good the bass response was and how clear the treble was!

The JJPMAC kit is the perfect complement to your Pinnovators JJP Sound system.

Thank your purchase of our product! We hope you get many years of service from it.

The Pinnovators Team.

Please visit our website at www.Pinnovators.com