

WOZ SUBWOOFER Cable Installation Manual

Version 1.1 May 24, 2014



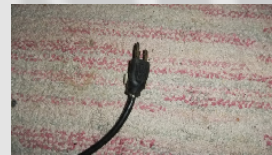
The WOZ Subwoofer cable kit allows you to route the cabinet speaker audio out the existing Aux out jack. The subwoofer audio will now be muted when you press the mute button on the headphone control panel! Now your subwoofer will mute at your command!

1. Warnings and Agreements

Welcome! The Jersey Jack Pinball Wizard of Oz WOZWoofer kit 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 WOZWoofer Kit

- 1 RCA cable: Mono Male to Female/Female adapter cable
- 1 RCA Female to 3.5 MM Female adapter.
- 1 Twelve foot RCA male to male cable
- 1 Stereo 3.5 mm to male RCA Red/ Male RCA White adapter cable

Requirements:

You will not need any tools to do this installation.

This manual was written using a newer production WOZ. Installation will vary slightly on an older model.

3. Installation

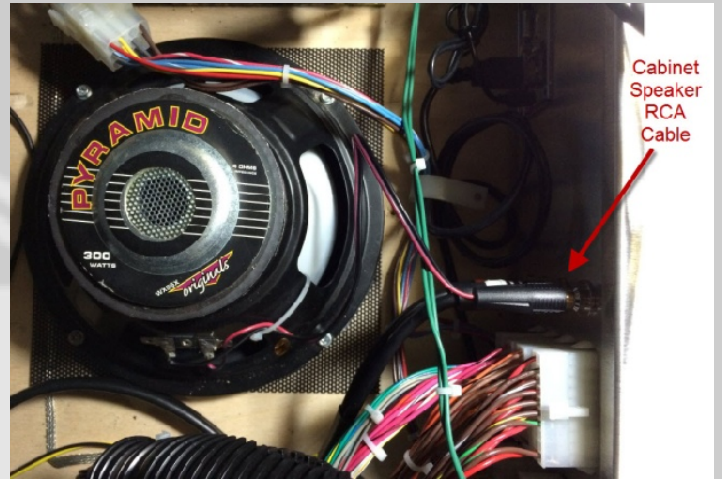
Remove the WOZ lockdown bar and playfield glass. Lift up and slide the playfield out into the service position.



Insert the RCA Female to 3.5 MM Female adapter into the red male connector on the RCA cable Mono Male to Female/Female adapter cable.



Locate the cabinet speaker RCA cable on the back of the I/O control box. Unplug this cable from the I/O control box.



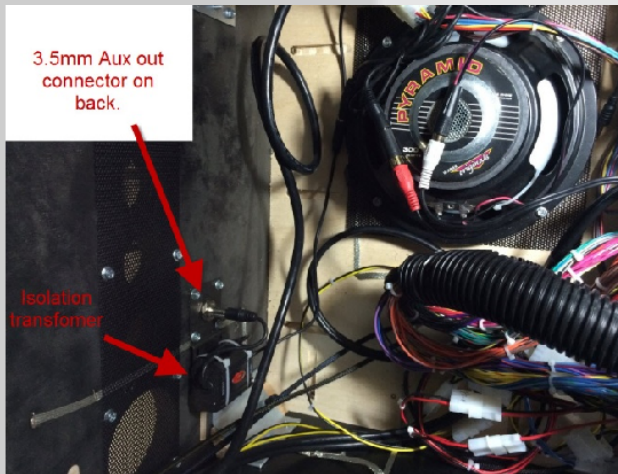
Locate the Aux out cable on the back of the I/O box. Unplug this cable. This cable will connect to the cable going to the isolation transformer mounted next to the 3.5mm Aux out jack on the back.



- A. Insert the white female RCA connector into the male RCA jack that goes to the cabinet speaker.
- B. Insert the Male RCA jack on the adapter cable into the female RCA cabinet speaker on the back of the I/O control box.
- C. Insert the male 3.5mm jack of the aux out cable you removed earlier into the 3.5mm female adapter.



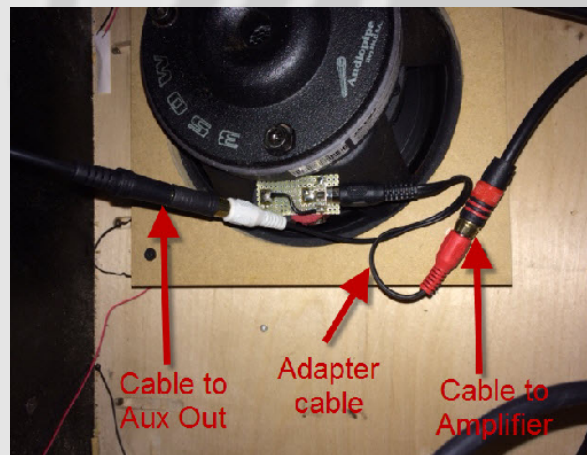
Here is a zoomed out view.



Position the wires neatly.



Installation will be slightly different if you have our WOZwoofer kit installed. Just wire the cable as shown below!

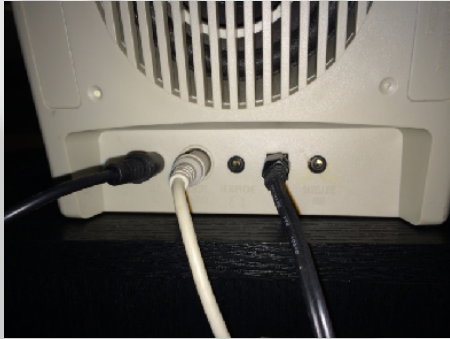


4. Connecting a Subwoofer

Pinnovators provides a 12 foot cable to give you the flexibility of placing your subwoofer close by to your pinball machine. The end of the cable has a 3.5mm male plug on the end.



Plug this end into a subwoofer that has a 3.5mm input. Some of the Yamaha home subwoofers only have a 3.5mm input so this will work great in that situation. Smaller computer subwoofer systems will also have a 3.5mm input as shown below.



Pinnovators recommends the Polk Audio PSW10 subwoofer. This model is very affordable and produces great sound!

Use the included 3.5mm female to RCA adapter cable to connect to this speaker.



Reassembly

Reinstall the playfield.

Plug the machine back in and power up.

Final Checkout

Power up your subwoofer!

Power up your pinball system!

Start a game!

Make sure the mute feature is off.

Verify sound can be heard from the Back Box speakers and the lower Cabinet speaker.

Adjust the subwoofer to your liking.

5. PIN-SMX

While we have your attention! Please check out our PIN-SMX passive subwoofer mixer kit at Pinnovators.com.

The PIN-SMX allows you to connect up to four pinball machines to one subwoofer. Each input is fully isolated from the others to prevent ground loops. Each input level is fully adjustable so you can adjust each game sub level to your liking.

PINSMX



Also check out our WOZwoofer kit!



The Pinnovators Team.

Please visit our website at www.Pinnovators.com