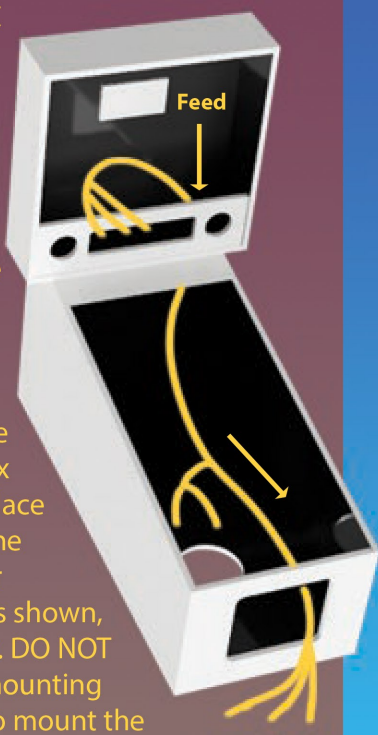


1 PinWoofers Harness - Spike

- Unplug the machine from AC Power.
- Open the Coin Door.
- Remove the Backglass.
- Remove the Playfield Glass.
- Lift the Playfield up and securely prop it open.
- Feed the Amplifier End of the PinWoofers Harness from the Backbox down the right and out the Coin Door opening.

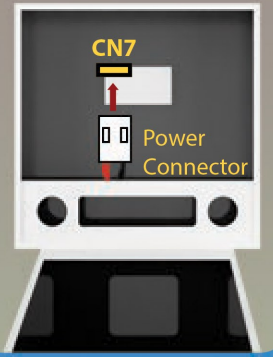


Remove coin box and replace it with the amplifier resting as shown, for safety. **DO NOT** use a mounting bracket to mount the amplifier vertically or to a cabinet wall. The amp enclosure is designed to have airflow underneath to reduce heat and prolong service life.

20210528 V1

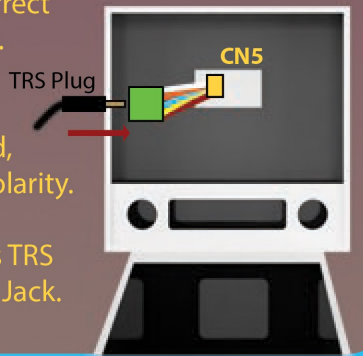
2 PinWoofers Power Board

- Unplug the 5-Pin Factory Connector from CN7.
- Plug the Power Board into CN7.
- Plug the 5-Pin Factory Connector into the Power Board.
- Plug the PinWoofers Harness 2-Pin Power Connector into the Power Board.

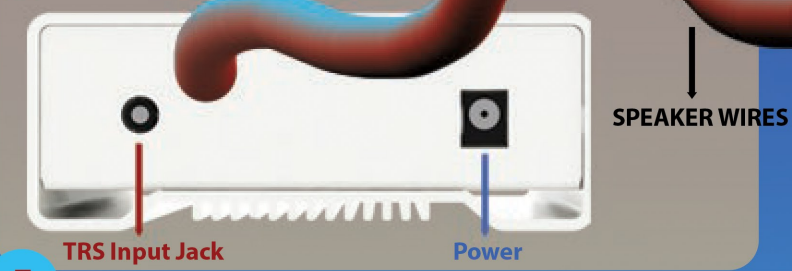


3 PinWoofers Audio Board

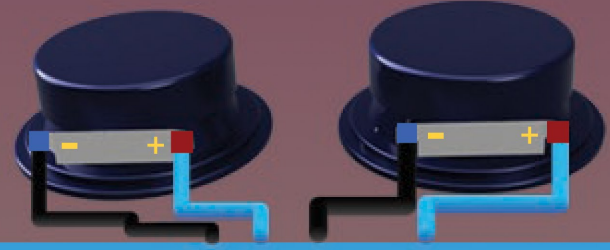
- Plug one end of the Audio Board Harness into CN5. Make sure to observe the correct connector to header polarity.
- Plug the other end of the Harness into the Audio Board, also observing the correct polarity.
- Plug the PinWoofers Harness TRS Plug into the LINE_OUT Mini Jack.



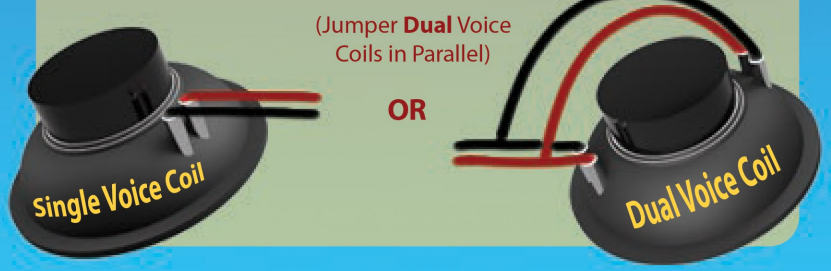
4 Connections



5 Connect Backbox Speakers



6 Connect Cabinet Speaker



AMPLIFIER OVERVIEW

The Amplifier controls can be set to any position that produces the sound you desire.



- Bass Cutoff Frequency
- Bass Volume
- Backbox Volume
- Treble
- On/Off Volume Control

20210828 V1

ADJUSTMENTS

After installation, turn the machine on and follow the below startup procedure:

1. In the machine's menu enter the below settings:
SERVICE MENU > UTIL > VOL: Volume 15, All others "(DEFAULT)"
SERVICE MENU > ADJ > FEAT ADJ > SPEECH ATTENUATION 0
SERVICE MENU > ADJ > FEAT ADJ > MUSIC ATTENUATION 0
Set all EQ Bands to Center/Default
Set all menu audio settings to Default.
2. Exit machine's menu.
3. Turn all amplifier dials to point vertically as shown.
4. Adjust amplifier controls either by starting a game, or by alternating up and down the coin door volume controls (to keep the sounds consistently playing).
5. It's likely that the default amplifier control positions will not be optimized, and may sound poor. Be confident in rotating the different controls to whatever position sounds good to your ear. **Adjust at a safe volume level.**
6. Your final adjustments may leave the dials in radically different positions. This is perfectly fine, as long as you've achieved your desired results.

PINWOOFER KO

Spike Installation Guide



PinWoofers.com

Copyright 2020 Subdude Audio LLC, All Rights Reserved