



SW-9V Instructions

For Gottlieb/Premier Systems
With a MA-1772 A5 Auxiliary Power Supply Board
and 8 inch round speaker

1. Open the pinball machine base cabinet by removing the cover glass and tilt the playfield out of your way.
2. Carefully remove the speaker leads by pulling and wiggling the spade lug. Avoid pulling the wire. Note the color of the wire connected to the positive terminal. (Usually the striped one)
3. UN-screw the speaker screws and remove the speaker. Leave the grille over the opening.
4. Position the new Sub-Woofer in place over the grille and opening. The side with the network should face the machine wires.
5. Screw the Sub-Woofer in place with the self-tapping screws provided or the original screws if the speakers are the same size.
6. Connect the pinball game speaker wires to the terminals on the network board. The negative wire goes to the negative (-) terminal marked 1. If more mid range sound is desired after adjusting the control max clockwise in the next step, the alternate (-) terminal 2, can be used to by-pass the control and enhance the mid-range. The bulb on the network glows if there is any overload condition and is part of the speaker and amplifier protection system. Close up the base cabinet before moving on.
7. The control on the network will adjust the frequency response of the Sub-Woofer only. Full counter clockwise will be maximum high frequencies and full clockwise will be minimum high frequencies.
8. Close the base cabinet including the glass, lock-bar and coin door.
9. Open the upper backbox by removing the backglass and swing open the light panel.
10. Volume Control Installation: Caution:::handle the volume control with care. It is delicate. This control will be used to adjust the volume of the back box speakers lower. Locate the A5 Auxiliary Power Supply circuit board. Carefully clip the alligator clips on each side of resistor R21 located near U1. If U1 and R21 are missing on your board, use R23 near the heatsink for U3. Do not remove the board resistor. Let the alligators stand up off the board. Do not try to smash the alligator clips down. Start with the knob in the center and turn on the game. Adjust the volume to suit and re-assemble the back box. The sound may be a little different when assembled so work back and fourth with the master sound control and the new control until you are happy. If you have turned up the master volume beyond the safe range for the amplifier, you will hear cracking sounds from the speakers. Back down a little. You can also adjust the frequency range of the Sub-Woofer for best over-all sound.

Enjoy!

If you like it – tell all your friends.

If you have a suggestion for improvement we'd like to know.

Available at Pinballpro.com

Happy Flipping!