



SP-8 Instructions

**For 1970's and early 1980's Williams or other electronic games
with only a speaker in the base cabinet**

See more details at <http://www.pinballpro.net/instructions/sp8>
Or view the installation at <http://www.youtube.com/watch?v=LwCWrP3dg6I>

Review all of these instructions before beginning.

1. Open the pinball machine; tilt the play field out of your way.
2. Carefully remove the speaker leads by pulling and wiggling the spade lug. Avoid pulling the wire. If the wire is soldered, clip it and you may want to install a spade lug on it. 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. Un-screw the new speaker from its adapter plate.
5. If the adapter plate fits the original mounting hardware, install it and re-install the speaker on it. If this is not the case, modify the adapter plate with new holes, or remove the original mounting hardware or block and mount the Sub-Woofer directly to the floor of the game using the screws that held it to the adapter plate.
6. Attach the speaker leads to the speaker terminals. The striped wire should be the positive wire. Follow the convention that was used for the original speaker. Spade lugs are recommended for these connections although they can be soldered.
7. Adjust the master volume control on the game for your preference.
8. Close the base cabinet including the glass, lock-bar and coin door.

General info: The speaker is 8 ohms to match the early Bally/Williams games. The frequency response is 35 to 20,000 Hz.

Enjoy!

If you like it – tell all your friends.

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

Available at www.pinballpro.com

Happy Flipping!