

Heighway Pinball Amplifier Settings

The goal of these setting is:

1. Provide a range of volumes from soft 1 to normal 12 to very loud 30 adjusted from the front door controls of a Heighway Pinball machine.
2. Created as flat a response as possible across the frequency range.
3. Provide a solid bass response without overwhelming the backbox speakers.

Toward that end I have experimented with setting the four amplifier controls and have determined settings which should be set at the factory and documented in the upcoming manual.



Bass volume is the black knob on the left. This controls the cabinet speaker. It should be set at 2. The setting is quite sensitive. 2.5 could be too much and 1.5 not enough.

Treble attenuates the high frequencies of the backbox speakers. Straight up and down 5 is a good setting.

Bass attenuates the low frequencies of the backbox speakers. 3 is a setting which will create more clarity in the backbox speakers and increase the stereo imagery.

Volume attenuates the overall contribution of the backbox speakers. For a good front door volume control Volume should be set at 2.

Users changing these controls is discouraged and documenting these settings is provided should they get changed inadvertently.