

SOUL DRIVE V

2014 USERS GUIDE:

Congratulations on your purchase of this exquisite piece of hand-crafted vacuum tube technology from Lightning Boy Audio! Please note, due to the nature of my built-by-hand process, certain minor cosmetic imperfections may be present and the sound from one unit to the next may vary slightly. The following guide is provided to help you get the most out of your purchase.

-Mike Congilosi II

GETTING STARTED:

Aside from the obvious, all you'll need to get your Soul Drive V working is a suitable power supply. The pedal has been tested with a Visual Sound 1 Spot power supply. LBA certifies this power supply to provide low noise and proper operation of your new pedal. For reference, Soul Drive V requires 9v DC at 300mA (minimum amperage required for normal operation). The tip is wired negative, which is standard for most guitar FX pedals on the market. A well-regulated power supply is required to prevent noise. It is possible to run this pedal on 12v, but exceeding 12v will void the warranty and could damage the pedal.

The heart of this pedal is a new old stock 12AU7 vacuum tube. It is solely responsible for boosting your signal and/or creating distortion. While other types of vacuum tubes may work in this pedal, no other tube type will sound better in this circuit than those of the 12AU7 family. Suitable replacement tubes are 12AU7, ECC82, ECC802s, E82CC, 5814, 6189W, 6680, 5963.

ON BOARD CONTROLS:

- Volume/Power On-Off
- Treble
- Gain
- True Bypass via foot switch

Connect an instrument to the pedal input with a ¼" unbalanced instrument cable. Connect the output of the pedal to an amplifier with another ¼" unbalanced instrument cable. It is now safe to turn the pedal on by turning the volume knob up until it clicks. You will likely need to keep the volume on the pedal above 50% for normal operation. The tube takes about 15 seconds to heat up. During this warm up time you will not hear any sound from the pedal. For the best sound, allow 5 minutes warm up. The red LED indicates when the tube is powered up. The tube glows bright blue when the pedal (stomp button) is activated.

The treble control turned counter clockwise is less treble and clockwise is more treble. Middle position (12:00) is neutral.

The Gain knob controls the distortion effect. Turn this knob clockwise for more saturation. Turn it counter-clockwise for a cleaner sound.