

# DE LISLE TRANSFORMER ISOLATED ABC AMP SWITCH

Thank you for purchasing the de Lisle ABC Switch, an effective solution for ground loop hum in multiple amp scenarios.

**WARNING:** This switch is designed for instrument level signals. *Do NOT hook up speaker outputs to this device.*

## FEATURES AND FUNCTIONS

- 1) **INPUT:** Connects to your guitar or pedal board output
- 2) **OUTPUT C:** This output is not isolated. When using an AC adapter, make sure this output is connected to an amplifier.
- 3) **DC JACK:** Connects to a 2.1MM/5.5MM 9VDC power supply. *Use only 9VDC regulated adapters!*
- 4) **OUTPUT B:** This output is isolated.
- 5) **PHASE SWITCH:** When up, reverses the phase of OUTPUT A.

To make sure all your amps are in phase, start by matching two amps. Connect one amp to Output A and one amp to Output C. Engage both amplifiers and play. Flip the phase switch up and down while listening for the position that gives the "fullest" sound, which means the amps are in phase.

If the switch is in the down position, these two amps are in phase. Move the amp at Output A to Output B and connect the third amp to Output A. Repeat the previous steps to determine which switch setting has the fullest sound after adding the third amp. All the amps will be in phase at that point.

If the first two amps were out of phase with the switch in the down position, then you'll need to match the third amp to one of the first two. Two amps will necessarily be in phase. Connect them to Outputs B and C. This will leave Output A for the out of phase amp. Put the phase switch in the up position to match the others.

- 6) **OUTPUT A:** This output is isolated.
- 7) **OUTPUT A FOOTSWITCH:** Turns the associate output on/off as indicated by the LED.
- 8) **OUTPUT B FOOTSWITCH:** Turns the associate output on/off as indicated by the LED.
- 9) **OUTPUT C FOOTSWITCH:** Turns the associate output on/off as indicated by the LED.

