

## The GigRig™ ABY-BABY Manual



TheGigRig ABY BABY is a powerful yet compact ABY splitter that offers a buffered or true-bypass A output, and an isolated, phase reversible B output. It also features our own custom designed rugged OptoKick footswitches.

### In Use:

Connect standard 9v DC centre negative 2.1mm plug power supply.

Connect your guitar signal to the INPUT. Now connect your A amp to either the buffered or true bypass A output.

**The A output is your main earth / ground connection so please ensure you plug this in first.**

Now connect your B amp to the B output. Use the OptoKick footswitches to simply select the amplifiers you want.

### Flip/Flop:

The FLIP/FLOP button gives you the choice of either:

Standard Operation where the footswitches operate independently (FLIP/FLOP off = blue LEDs).

Press footswitch A to turn on output A, press footswitch B to add output B.

FLIP/FLOP Operation (FLIP/FLOP on = red LEDs).

Turning on output B will automatically disengage output A and vice versa.

### Phase:

Output B features a phase switch. This will reverse the phase relative to the phase on output 1. With both amps on, toggle the phase switch to see which position has more bottom end and volume. The position that has more bottom end will mean both amplifiers are in phase.

### TheGigRig ABY BABY Technical Specifications:

<p><b>Supply Voltage:</b> 7V to 11V specified at 9V</p> <p><b>Supply Current:</b> Max = 95mA at 9V</p> <p><b>Input Drive Levels (All Line Level compatible):</b> Input impedance 1MΩ, All states. Input signal handling True Bypass 'A' 8V peak to peak. Input signal handling Buffered output 'A' 6.8V peak to peak. Input signal handling isolated output 'B' Both phases 4.5V peak to peak (@60Hz) Input signal handling isolated output 'B' Both phases 6.9V peak to peak (@1kHz)</p> <p><b>Output A:</b> Output impedance is the same as source impedance (true –bypass). AC coupled and ground restored. Frequency response: 1Hz to 50KHz, INTO 1M OHM</p>	<p><b>Output A Buffered:</b> Low Noise: 3nV/VHz Output impedance 27 Ohm. Not true bypass AC coupled and ground restored. Frequency response: 7Hz to 100KHz, INTO 1M OHM</p> <p><b>Output B Isolated Buffered (differential) and Phase reversible:</b> Output B is an audio transformer output which is isolated to prevent earth loops or to aide multi amp setups. It simulates a guitar pickup and so drives older pedals rather well. Low Noise: 3nV/VHz Output impedance 68 Ohm. (Not true bypass) Ac coupled and ground restored. Frequency response at guitar levels 25Hz to 100KHz</p>
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CE Approved. Fully compliant with the RoHSV standard.