



AUDIOSTORM

Trident

by

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The input is an ultra low noise, ultra high impedance FET buffer designed to capture every detail of your guitar's sound without altering it in any way. It also interfaces equally well with pedals.

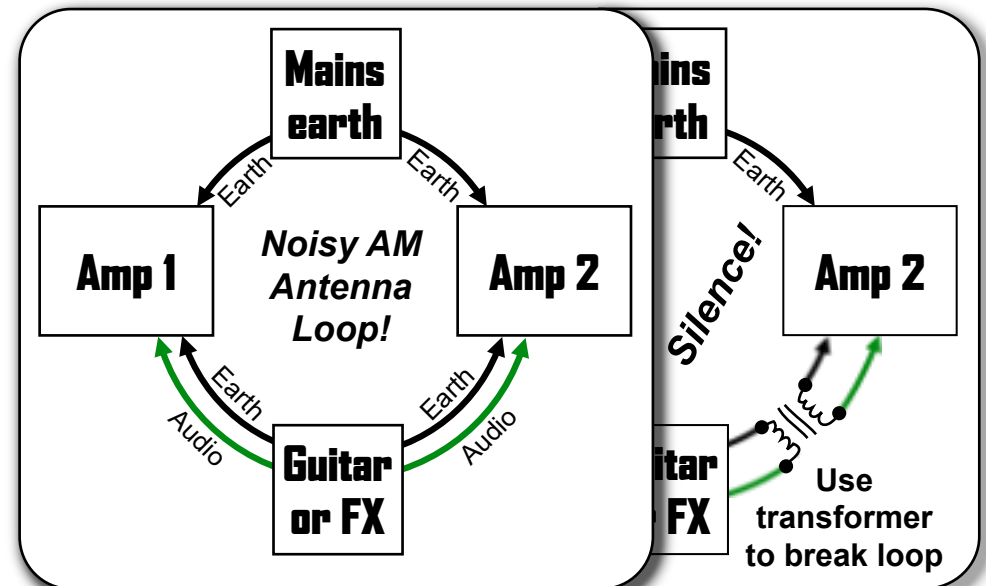
Channel A output is a low-noise, low-impedance buffer-driver circuit and is the primary earth pathway that connects your pedals to your amp, because you always need one good earth for minimum noise. If you isolate every earth path you just end up with a different sort-of noisy antenna plus the risk of static electric shock.

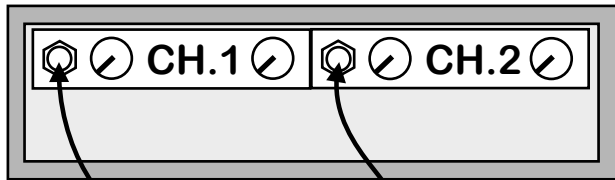
Channels B and C outputs both have buffers too, but also phase reverse to prevent sound cancellation from out-of-phase amps and pedals, transformer isolation to break up those annoying ground loops, plus earth lift which works with transformer isolation to allow either total isolation or signal isolation only.

The voltage should ideally be 12v or more. Higher voltage gives higher headroom and clarity plus lets the output buffers work harder. Uses a standard 2.1mm centre negative connection.

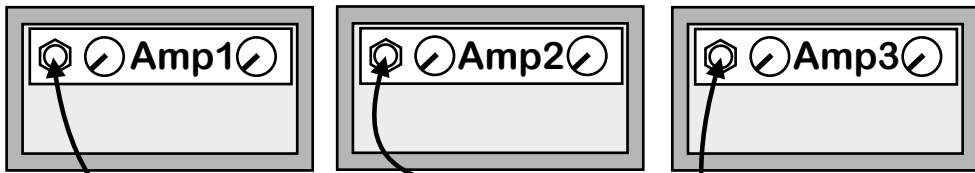
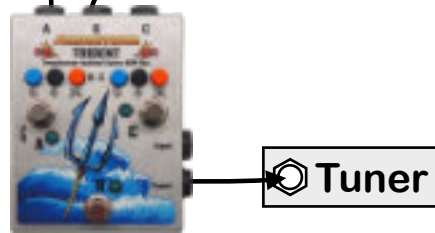
The Tuner Output is always on buffered out that can drive a tuner or anything you like. You can use it as a fourth parallel loop or drive your always-on amplifier from it. It uses the same high-quality buffer driver circuit as output A.

The Trident is a triple output, transformer-isolated active ABC box. Transformer isolation is an effective way of eliminating ground loops that cause hum. Any time that equipment has two or more paths to earth you create a circular AM style antenna that picks up noise. A transformer breaks this circuit because it uses electromagnetic coupling, literally transforming audio into magnetic waves then back into electricity again so you get all the audio and none of the noise.

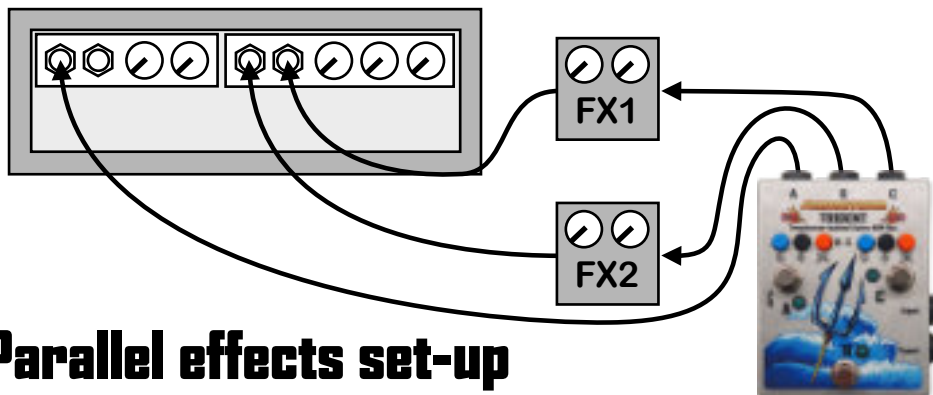
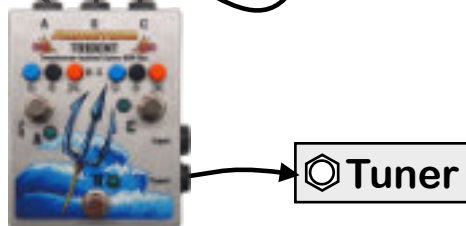




Vintage-amp set-up



Multi-amp set-up



Parallel effects set-up

Wet-Dry-Wet

