

Stereo/Mono Output Configuration Pedal

Product Description



The *Stereo/Mono* output configuration pedal is typically used as the last pedal in the signal chain, just prior to feeding one or two guitar amplifiers. The primary feature of this pedal is that it can be easily configured, using the *Stereo/Mono* foot switch, to operate in ***Stereo*** (two amps driven from separate input sources *Ain*, *Bin*), ***Dual Amp*** (two amps – driven from one input source via a summation of *Ain* and *Bin*), or ***Mono*** (one amp driven from a summation of *Ain* and *Bin*).

The *Stereo/Mono* pedal allows your pedal board to be architected primarily for *Stereo* or *Dual Amp* operation, but in situations where only one amplifier is available (such as a small gig session for example), the pedal board can be easily configured for *Mono* operation but where the Amplifier output is still derived from both input sources (*Ain* and *Bin*).

A second major feature of this pedal is that it provides a master kill (***Mute***) function. When activated, via the foot switch, both output channels are *Muted*. In addition, each output can be *individually* switched on/off via the two toggle switches. This feature is useful when balancing amplifier volume levels during stereo rig setup or when individually adjusting the tone/effects in each output channel. Effectively, this feature allows the player to isolate each output channel separately using switches on the pedal board, as opposed to using the amplifier standby switches.

The inputs and outputs of the *Stereo/Mono* pedal have been located at the top and bottom of the *Stereo/Mono* pedal for easy access to the amplifiers and other effect pedals.

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A third feature of the *Stereo/Mono* output configuration pedal is *two* 9vdc Boss style connectors (center ground) are provided for powering the LED status lights, but only one is required. Either connector can be used to power the LED's which leaves the other connector free to *pass on* 9vdc to another pedal if desired. This helps conserve 9vdc outputs on your pedal board power supply. No buffering or electronics are used in the active signal path of the *Stereo/Mono* pedal.

Functional Summary

The table below summarizes the three major operating modes including LED status.

Mode	A Chn LED	Mute LED	B Chn LED	A Chn (Disable Toggle)	B Chn (Disable Toggle)	A Output	B Output
Master Kill	Off	Red	Off	x	x	Muted	Muted
Stereo	Green	Off	Blue	Up (off)	Up (off)	Ain	Bin
Dual Amp - Mono	Green	Off	Green	Up (off)	Up (off)	Ain + Bin	Ain + Bin
A Chn - Disable	Off	Off	Active	Dn (on)	Up (off)	Muted	Active
B Chn - Disable	Active	Off	Off	Up (off)	Dn(on)	Active	Muted
A & B Chn - Disable	Off	x	Off	Dn (on)	Dn(on)	Muted	Muted

Note: x = Don't Care

The LED status lights have been designed to be very intuitive. *Stereo* mode is easily identifiable via Green and Blue status lights (indicating two *separate* input and output channels). *Dual Amp - Mono* mode is easily identifiable via two green status lights (indicating *one* common input source for both channels). A Red LED signals the master kill (*Mute*) function has been activated.

Typical Configurations

Fig 1 (below) shows a block diagram of a typical pedal board utilizing the *Stereo/Mono* Output Configuration Pedal. As can be seen in the diagram below, the *Stereo/Mono* pedal is last in the signal chain and interfaces directly to Amp A and Amp B. Beyond that, an optional Stereo Recording Looper, *Amp Select* pedal, and Stereo Reverb pedal is next in the signal chain. Thereafter, depending on the desired characteristics of the pedal board, the two channels (Chn A, Chn B) can use different effect pedals in each channel (if desired). For example, delay and chorus might be used in the Channel B only, whereby helping to increase clarity and stereo separation when the two channels are played together in *Stereo* mode.

The optional *Amp Select* pedal shown in Fig 1 (below) expands the functionality of the pedal board further by allowing it to operate in either *Stereo* mode, or selectively switch between amplifiers (*A/B* mode). When the *Amp Select* pedal is used in combination with the *Stereo/Mono* pedal, the pedal board is capable of operating in *seven* different amplifier configurations. For information on using the *Stereo/Mono* pedal in combination with the *Amp Select* pedal, please consult the *Amp Select* product documentation.

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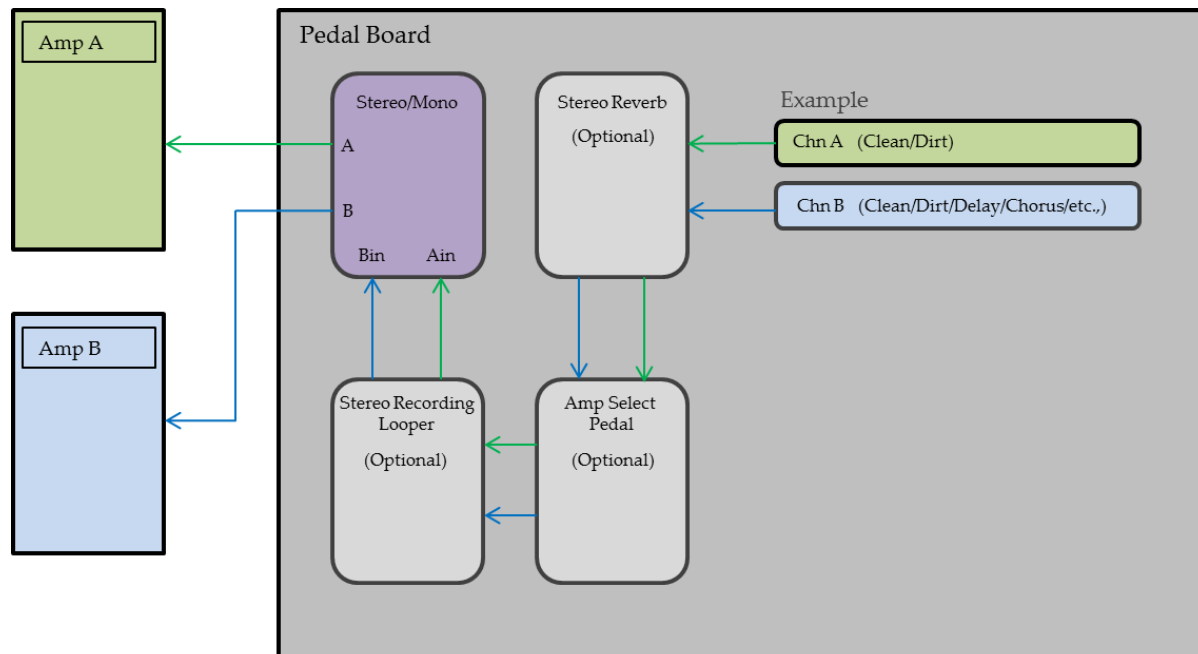


Fig 1

The picture below (Fig 2) shows the *Stereo/Mono* pedal used on a typical pedal board, which includes the *Amp Select* pedal.

The wiring used on this Pedal board is as follows:

Chn A: Buffer/EQ, Full Drive 3, 3x Splitter, Reverb, Amp Select, Stereo Recording Looper, *Stereo/Mono*, Amp A Output.

Chn B: Buffer/EQ, Full Drive 3, 3x Splitter, Delay, Chorus, Reverb, Amp Select, Stereo Recording Looper, *Stereo/Mono*, Amp B Output.

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Fig 2

The *Stereo/Mono* pedal is custom designed and hand built in the USA.

The *Stereo/Mono* Pedal is currently available for purchase on eBay or Reverb.com under the following listing “*Stereo/Mono Output Configuration Pedal.*”