

# 3x Splitter Pedal

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## Product Description



The *3x Splitter* is typically used at or near the beginning of the signal chain and performs a variety of useful functions, especially on pedal boards being architected for Stereo or A/B operation. The primary feature of the *3x Splitter* is that it divides the input signal into three separate channels (Chn A, Chn B, and Tuner).

If you are a guitarist who likes your tuner *always on*, this pedal performs that function while still providing a **Mute** function for the Chn A and Chn B outputs. In other words, the Tuner output is never muted, but the two output channels feeding the pedal board can be muted/un-muted simultaneously which is very useful for guitar changes or silent tuning.

## Functional Summary

The following table summarizes the functionality of the 3x Splitter including LED status.

	<b>Mute</b>		<b>Chn A</b>	<b>Chn B</b>	<b>Tuner</b>
<b>Mode</b>	LED		Output	Output	Output
Mute (on)	Red		Muted	Muted	Input
Mute (off)	Off		Input	Input	Input

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Another useful feature of the 3x Splitter is *three* 9vdc Boss style connectors (center ground) are provided for powering the LED status light but only one is required. Any of the three connectors can be used for powering the LED status light which leaves the other two connectors free to *pass on* 9vdc to other pedals (if desired). This helps conserve 9vdc outputs on the pedal board power supply. No buffering or electronics are used in the active signal path of the *3x Splitter*.

## Typical Configurations

Fig 1 shows a block diagram of a typical pedal board utilizing the *3x Splitter* with the tuner wired for *always on* operation. Notice from the block diagram the *3x Splitter* is placed after an (optional) Buffer/EQ pedal. Depending on the tone objectives of the pedal board, other effect pedals (i.e., distortion, fuzz, etc.) can be placed in front of the *3x Splitter* (as depicted in Fig 2), or the *3x Splitter* can be placed first in the signal chain.

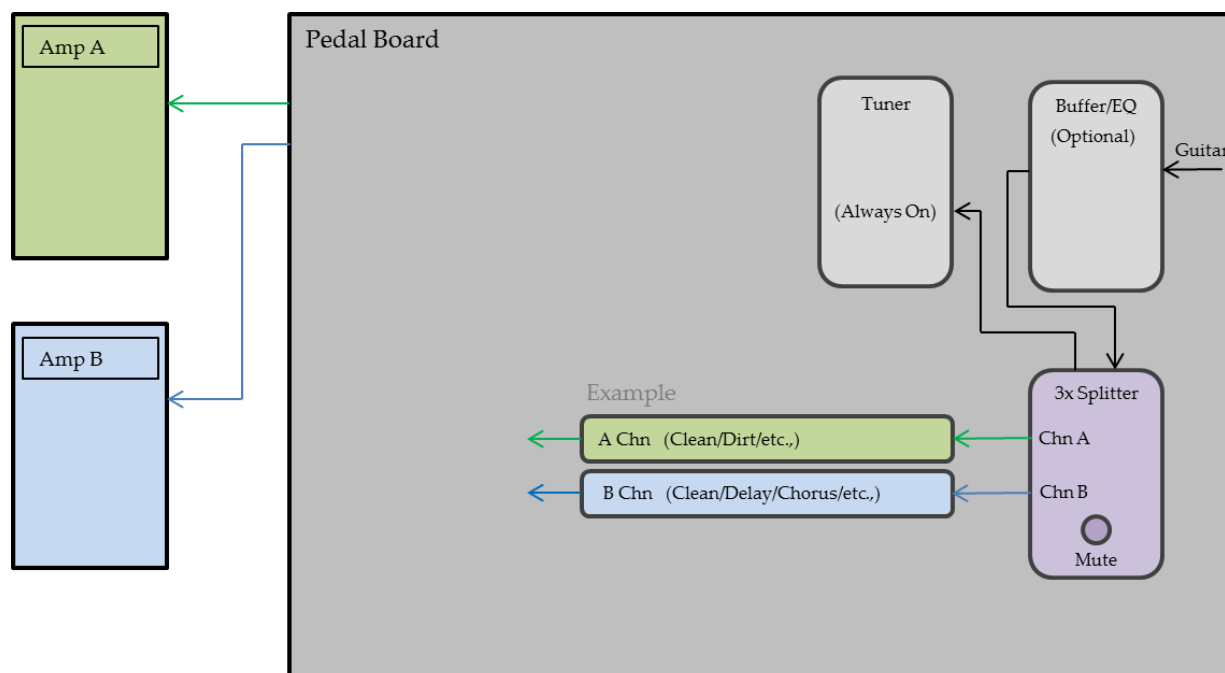


Fig 1

As demonstrated in Fig 1 (above) and Fig 2 (below), the *3x Splitter* generates two (mutable) output channels, whereby permitting each output channel to be individually configured via separate effect pedals. For example, Chn A could be optimized for lead tones while Chn B might be optimized for rhythm, or the two channels could be optimized for Stereo. Numerous configurations are possible.

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Ultimately, the two channels can be routed to the amplifiers in either *A/B*, *Stereo*, *Dual Amp* (two Amps using one input source), or *Mono* mode (single Amp, where both input channels have been combined). For additional information on *selectively* driving one or two amplifiers using two separate channels, please consult the *Amp Select* and *Stereo/Mono* product documentation.

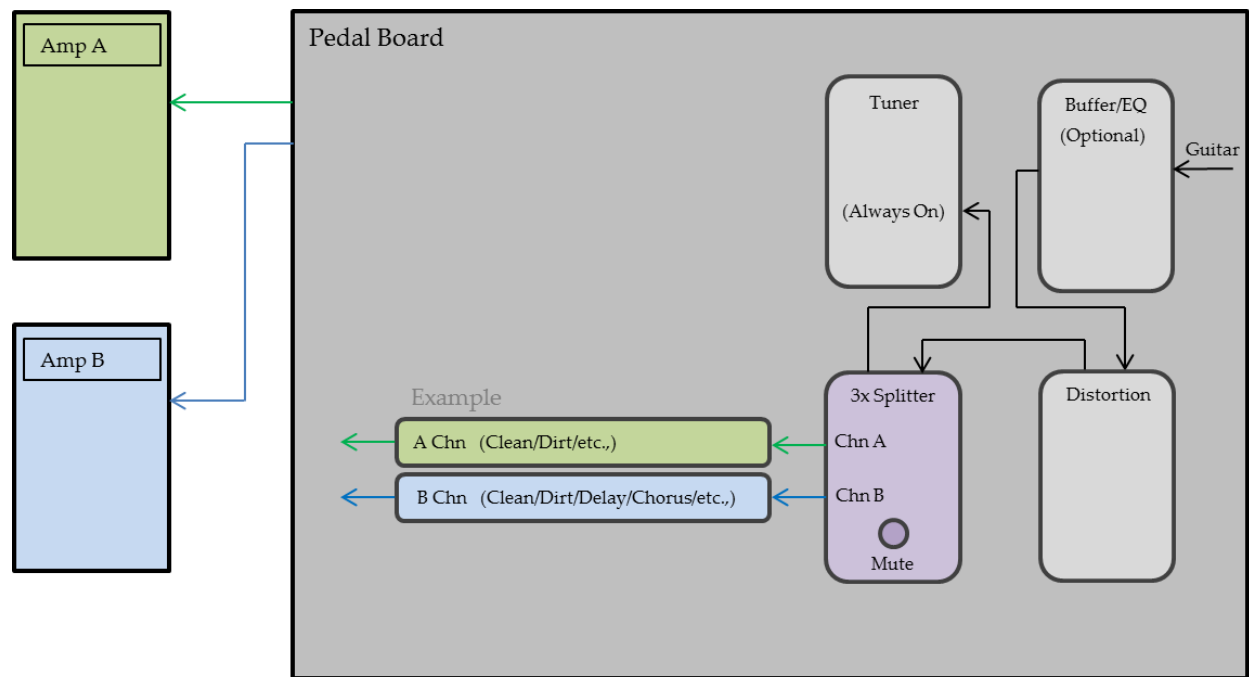


Fig 2

The picture below (Fig 3) shows the *3x Splitter* used on a typical pedal board, which has been wired as follows:

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

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

Notice that this pedal board configuration has the Overdrive/Boost pedal wired before the *3x Splitter* (as depicted in Fig 2), which means Overdrive/Boost will be available in both channels when activated. Also notice that Chorus and Delay has only been wired into Channel B. Therefore, when both channels are used for Stereo mode, with chorus and/or delay activated in Channel B, this will produce a *well-defined*, articulate stereo tone because the original source remains fully intact in Channel A.

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Fig 3

In *A/B* amplifier mode (via the *Amp Select* pedal), this same pedal board configuration allows the guitarist to easily switch back and forth between Channel A or Channel B. For example, one amplifier channel could be configured for lead tones while the second amplifier is used for rhythm, where each channel can be configured to use their own effects pedal (if desired).

In addition, notice that a *Stereo Reverb* pedal and a *Stereo Looper* has been wired into both channels. To fully understand the functional benefits of using the *Amp Select* pedal in combination with a *Stereo Recording Looper*, please consult the *Amp Select* product documentation.

The *3x Splitter* Pedal is custom designed and hand built in the USA.

The *3x Splitter* Pedal is currently available for purchase on eBay or Reverb.com under the following listing “*3x Splitter Pedal.*”