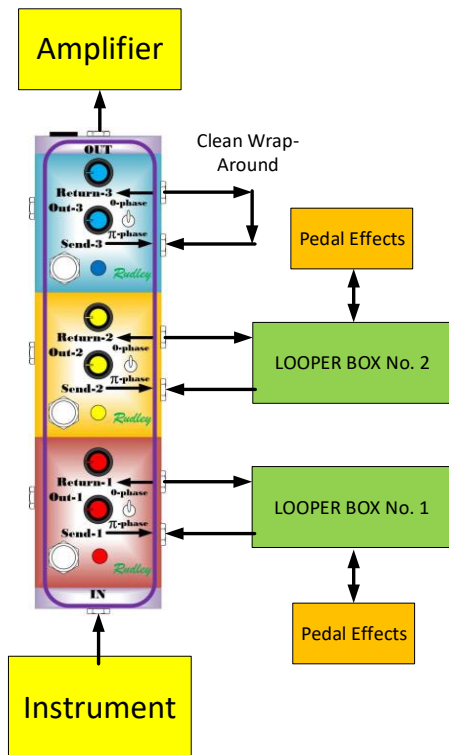




Input Jack

Typical Usage:



Who We Are

About Us

We are a small electrical engineering business. I am also an amateur guitarist who wanted certain pedal effects that I couldn't find in the market. So, I developed some of my own.

Should you need a similar custom pedal for your specific application, please E-Mail me at technology@rudley.com. I would provide you a quote. It generally would take me about 2-months to build your custom pedal.

Contact Us

Email: technology@rudley.com

Web: <http://www.rudley.com>

Warranty

"THE PEDAL DISTRIBUTER MIXER BOX" has a 1-year warranty from the date of original purchase. This 1-year warranty covers repair or replacement of the unit. Should your "THE PEDAL DISTRIBUTER MIXER BOX" fail, please Email me at technology@rudley.com to let me know the problem. Ship the failed unit to:

Frank Rudley
500 4TH Ave.
Lester, PA 19029



RUDLEY TECHNOLOGY SOLUTIONS LLC
500 4TH AVE
Lester, PA 19029

RUDLEY TECHNOLOGY SOLUTIONS LLC

THE PEDAL DISTRIBUTER MIXER BOX
P/N PDM100-001
P/N PDM100-002 - Phase Switches
USERS MANUAL

THE PEDAL DISTRIBUTER MIXER BOX

Congratulations for purchasing “THE PEDAL DISTRIBUTER MIXER BOX”.

This box provides three active parallel paths for your pedal effects. This will complement the functionality of loopers and pedals on your pedal board and will provide you a better way to mix your pedal effects to obtain a better sound.

This stomp box provides an active parallel Distribution Mix switch box that can support up to three parallel channels paths. Either a 9Vdc battery (6LR61) or standard 9Vdc pedal board power is used to power the unit. The intension for this unit is to feed other loopers or pedals to provide greater flexibility and variations of effects on your pedal boards. Each channel has two volume knobs that can vary their gain from 0 to 2 V/V. One volume knob provides a gain to the “SEND” and the other provides a gain to the “RECEIVE”. Each channel has an “Out” that can be feed to an amplifier or other connecting equipment. The final output evenly mixes all three channels with a gain of 1 V/V and is labeled “OUT” on the box. Each of the three channels on P/N PDM100-002 has three additional phase switches that allows the user to invert the phase of each channel. This provides greater flexibility in the sounds that this pedal can provide.

Features:

- 1) Supports up to three parallel paths with three selectable channels.
- 2) Works off a 9Vdc battery (6LR61) or standard 9Vdc pedal board power.

- 3) The 9Vdc battery power is not used if external 9Vdc pedal board power is used.
- 4) Battery power will not be used unless a plug is placed in the “IN” jack to prevent draining the battery when not in use.
- 5) Uses Mono ¼” plugs only.
- 6) For a particular channel, its LED will not illuminate unless a plug is placed in its “RETURN” jack to provide better troubleshooting.
- 7) Each of the three channels has a different color. (Red, Yellow, Blue)
- 8) The guitar input signal is buffered before being distributed among the 3-channels.
- 9) Each send and return has a gain that can be varied with a range of 0 to 2 V/V.
- 10) When each potentiometer is centered the gain is unity (1 V/V).
- 11) P/N PDM100-002 has three additional phase switches that allows each “RETURN” signal to be inverted for more sound flexibility. This allows you to subtract a parallel channel instead of adding.



P/N PDM100-001 – Front View



Right Side View - Send and Return Jacks



Left Side View – Channel Outputs for Amplifiers



Final Output Jack with Power Jack