



ONE CONTROL Minimal Series MIDI Dual Stereo Loop Instruction Manual

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ONE CONTROL Minimal Series MIDI Dual Stereo Loop



Product Information Minimal Series MIDI Dual Stereo Loop

The Minimal Series MIDI Dual Stereo Loop (MDSL) by One Control is a stereo effects loop pedal that is designed to provide easy MIDI loop functionality. This compact and powerful pedal can be used with small pedalboards or large effects systems. With MIDI switching, you can easily switch between stereo or mono loops, and convert mono signals to stereo (dual mono operation) to send them to stereo effects.

Features

One Control brings players easy MIDI Loop functionality with the new Minimal Series MIDI Dual Stereo Loop pedal (MDSL). This is a stereo effects loop that is powerful for small pedalboard or large effects systems. Switch your loop easily with MIDI with either stereo or mono loops, and you can convert mono signals to stereo (dual mono operation) and send them to stereo effects. And instead of relying on a footswitch you can control the MDSL easily with MIDI from a wide variety of devices. The OC MDSL can use between 1-8 MIDI channels to receive control signals, and the On/Off of the two effects loops via MIDI PC# or CC#. Use either PC or CC mode to control your loops easily. The input, output, and effects loop send and return jacks are all TRS stereo plugs and can be used as a full stereo loop.

If the mono output signal becomes stereo via an effect connected to the effects loop, it can be output as a stereo signal to the output. Of course, you can simply use TS mono cables to have a mono loop switcher controlled via MIDI. With the Minimal Series small size, you can use multiple MDSL units installed in remote locations, such as pedalboards and rack systems, with easy control of your loops. And beyond simple ON/OFF operation with MIDI switching, you can use the MDSL as an additional effects loop with larger switching systems like the One Control Caiman Tail Loop or the OC10+ Croc Eye. The OC MDSL is a simple and small switcher that can be used in a variety of ways to make your tone dreams come true.

- Stereo effects loop
- MIDI switching for easy loop control
- Compact design for use in pedalboards and rack systems
- Can be used as an additional effects loop with larger switching systems
- L1/L2 switches for mono/stereo conversion in loop 1 and loop 2 respectively

Specifications

- **Dimensions:** 120W x 60D x 30H mm (excluding protrusions), 125W x 68D x 32H mm (including protrusions)

- **Weight:** 366g
- **Current consumption:** 120mA
- **Power supply:** Center minus DC9V adapter (batteries not available)

MIDI Signal Characteristics

- **CC#102/Value10:** Bypass loop 1. In PC mode, this signal is ignored.
- **CC#102/Value11:** Turn on loop 1. In PC mode, this signal is ignored.
- **CC#102/Value20:** Bypass loop 2. In PC mode, this signal is ignored.
- **CC#102/Value21:** Turn on Loop 2. In PC mode, this signal is ignored.
- **CC#102/Value30:** Bypass both loops. In PC mode, this signal is ignored.
- **CC#102/Value31:** Turn on both loops. In PC mode, this signal is ignored.
- **PC# 80:** Set it to PC mode. (Factory)
- **PC# 81:** Set it to CC mode.
- **PC# 90:** When you connect the power to the main unit, the ON/OFF setting of each loop is reset. (Factory)
- **PC# 91:** When the power is connected to the main unit, the ON/OFF setting of each loop is set at the end.
- **PC# 10:** Bypass Loop 1. This signal is ignored in CC mode.
- **PC# 11:** Turn on Loop 1. This signal is ignored in CC mode.
- **PC# 20:** Bypass Loop 2. This signal is ignored in CC mode.
- **PC# 21:** Turn on Loop 2. This signal is ignored in CC mode.
- **PC# 30:** Bypass both loops. This signal is ignored in CC mode.
- **PC# 31:** Turn on both loops. This signal is ignored in CC mode.

Product Usage Instructions

1. Connect the MDSL pedal to your effects system using standard audio cables.
2. Connect the MDSL pedal to a power source using a center minus DC9V adapter.
3. Set the L1/L2 switches to the desired position for mono/stereo conversion in loop 1 and loop 2 respectively.
4. Set the MIDI channel to respond by using the MIDI CH control in combination with the DIP switches.
5. Control the MDSL pedal using MIDI signals to bypass or turn on loop 1, loop 2, or both loops simultaneously.

With its compact design and powerful MIDI functionality, the Minimal Series MIDI Dual Stereo Loop pedal by One Control is a versatile and easy-to-use tool for guitarists and other musicians. Use it to enhance your effects system and create new sounds with ease.

L1/L2 switch

L1 and L2 switches choose whether to change mono to stereo signals in loop 1 and loop 2 respectively. When stereo signals are input and when mono signals are left mono, these switches are set on the top side. If you want to convert a mono signal to stereo, set this switch to the bottom. For example, if you enter a mono signal in the input, loop 1 is a mono effect, and loop 2 is a stereo effect, set only the L2 switch to the M>S side. Enter a mono signal in the input, and if Loop 1 and Loop 2 are stereo effects, set only the L1 switch to the M>S side. However, if the effect connected to loop 1 is mono input or stereo output, both switches remain on the upper side. Also, if one of these switches is on the M>S side, the output will also be a stereo signal. We do not make both switches M>S side. The M>S switch is used when loop 1, the signal from the input is mono, and the loop 1SEND is stereo. For loop 2, it is used when loop 1 RETURN is a mono signal and loop 2SEND is stereo. Otherwise, set it on the upper side.

Control


- **MIDI CH:** Set the MIDI channel to respond. It is used in combination with the position of the three DIP switches. Firmly fold the switch to the left or right and stop it in the middle and do not use it.
- **L1/L2 switches:** Switch whether mono/stereo conversion is performed on loop 1 or loop 2.
 - **Bottom position:** Mono input → Stereo send, return, output
 - **Top position:** Stereo input → Stereo send, return, output
 - **Mono input** → mono send, return, output
 - **Stereo input** → mono send, return, output

Minimal Series “Sophisticated Functionality”

The One Control Minimal Series eliminates all waste in the manufacturing process of pedals, achieves the most compact size, and consolidates simple but sophisticated functionality. These are pedals that have earned the name Minimal. For this series One Control has devised and realized an innovative PCB layout that can ensure both speed and precision in the manufacturing process, as well as strength in construction with high quality parts. Production efficiency has improved, reducing unnecessary hand labor and waste and helping to lower the price without lowering the quality. OC Minimal Series also achieves minimal size housings for the pedals so they can be used without taking up much space on your pedalboard or under your feet. Built to last, built to be stepped on, and built to fit anywhere you need them. Purpose-built solutions with exactly what you need, and nothing more. Switching is Easy with One Control!

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Documents / Resources

	ONE CONTROL Minimal Series MIDI Dual Stereo Loop [pdf] Instruction Manual Minimal Series MIDI Dual Stereo Loop, Minimal Series, MIDI Dual Stereo Loop, Dual Stereo Loop, Stereo Loop, Loop
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References

-  [One Control - USA Official Shop – One Control USA](#)