SKRYDSTRUP R&D
because performance matters

MR5

Loop System

OWNER'S MANUAL

Introduction

Congratulations on your purchase of the SKRYDSTRUP MR5 Loop System !

The MR5 Loop System was designed to provide ultimate flexibility in signal routing, combined with the best audio performance possible.

The MR5 Loop System utilizes a unique unity-gain buffer circuit in every audio loop, designed by SKRYDSTRUP, to maintain correct impedances throughout the entire system, and avoid the cross-loading affect between stomp boxes and effects.
This feature has never been seen in a standard Loop System before.

Furthermore, each input, send, return and output features a unique RFI protection.

This manual will introduce you to the MR5 Loop System and its features. After reading this manual carefully please keep it for future reference.

We are confident that you very quickly will be familiar with the MR5 Loop System, and appreciate the versatility and high quality of this unit.

Steen Skrydstrup.

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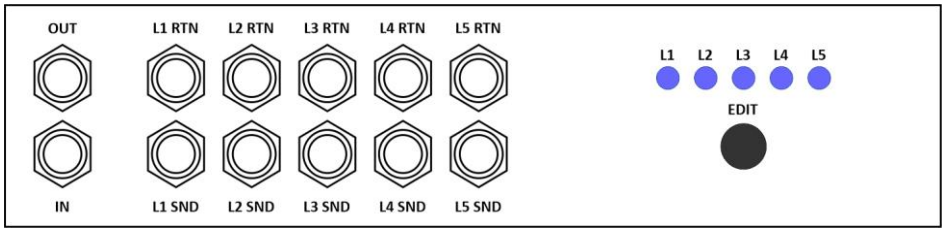
Front



1. **<u>INPUT JACK:</u>**
   standard 1/4" mono.
   Input of the MR5.
   Input impedance : 1M ohm

2. **<u>LOOP SEND JACKS:</u>**
   These are standard 1/4" mono jacks that are used to provide switchable outputs to any external device input.
   Send impedance: 50 ohm.

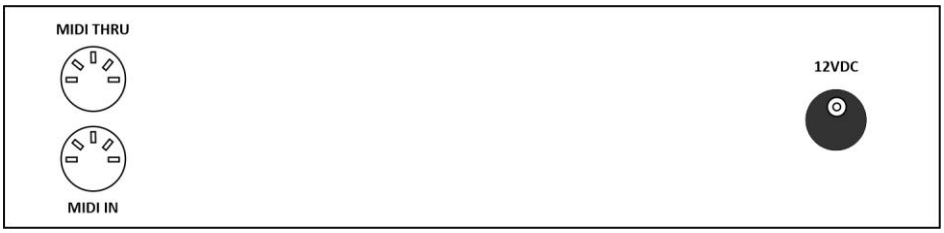
3. **<u>LOOP RETURN JACKS:</u>**
   These are standard 1/4" mono jacks that accept the output of any external device. The insertion of a plug will break the internal normalling to the Send jack.
   Each Return is fed to a unity gain buffer, which is only active when the loop is activated.
   Return impedance: 50k ohm

4. **<u>OUTPUT JACK:</u>**
   Standard 1/4" mono jack.
   Output of the MR5.
   Output impedance: 50 ohm

5. **<u>L1-5 LED:</u>**
   LED's indicates status of each loop. When lit, the LED indicates that the loop is active.

6. **<u>EDIT:</u>**
   Tactile switch for editing the MR5.

Rear



1. **MIDI IN:** standard 5 pin din connector.
   The MIDI IN connector must be connected to the MIDI Out Connector of a transmitting MIDI device via a standard cable, in order for the switching system to respond to MIDI commands originating from these devices.

2. **MIDI THRU:** standard 5 pin din connector.
   The MIDI THRU connector will forward the incoming MIDI data to any MIDI device.

3. **12VDC:** standard 2.1/5.5 mm DC barrel.
   12VDC/300mA input. Center is negative.

Midi Control Assignments

- **HOW TO EDIT THE MIDI CHANNEL.**

  - Unplug the power form the MR5 Loop System.
  - Press the EDIT button and hold it while connecting power to the unit.
  - Press the EDIT button repeatedly until the desired MIDI channel is selected.
    Look at the MIDI channel diagram on page 8.
  - When the desired MIDI channel is selected, press the EDIT button for 2 sec. The LED's will now blink to indicate that the programming is stored.

- **MIDI CONTROL CHANGE NUMBERS.**

The MIDI Control Change numbers are pre-selected from factory.

L1 is CC# 11
L2 is CC# 12
L3 is CC# 13
L4 is CC# 14
L5 is CC# 15

The MIDI controller numbers can be changed by software revision.
Contact factory for details.

- **MIDI PROGRAM CHANGE.**

Select a preset on your MIDI Foot Controller, or MIDI controlling device.
By pressing the EDIT button, you can now scroll through L1-L5.
Press the EDIT button once and the LED of L1 will start flashing.
If you wish to activate the loop, hold the EDIT button for 2 sec.
The LED's will flash three times to indicate that the selection has been stored.
Repeat the procedure if additional loops or control functions should be activated or deactivated within the selected preset.

Midi Control Assignments

- **MIDI CHANNEL DIAGRAM.**

MIDI channel	LED L1	LED L2	LED L3	LED L4
1	○	○	○	○
2	●	○	○	○
3	○	●	○	○
4	●	●	○	○
5	○	○	●	○
6	●	○	●	○
7	○	●	●	○
8	●	●	●	○
9	○	○	○	●
10	●	○	○	●
11	○	●	○	●
12	●	●	○	●
13	○	○	●	●
14	●	○	●	●
15	○	●	●	●
16	●	●	●	●