

Carol-Ann Custom Amplifiers MI-01 MIDI Interface

Introduction

Thank you very much for your purchase of the Carol-Ann MI-01 interface. The purpose of this interface is to allow MIDI Program Change messages to be received from an external MIDI device such as a MIDI foot controller in order to control the Channel Selection, Lead Mode and Effects Loop Switching of any Carol-Ann Amplifier that normally uses an electronic foot controller. This includes the following models fitted with a 3 Pin XLR Foot Controller Connector:

OD3r, OD3, Triptik, Trip-R, Tucana 3, Tucana 3r.

This interface **WILL NOT** work with any amp fitted with a 5 Pin XLR Foot Switch Connector, nor will it work with any model not listed above that is fitted with a 3 Pin XLR Socket as they use a different switching method.

The interface can be thought of as a MIDI device with 10 Preset Programs. Each preset represents an Amplifier Channel / Lead / Effects loop configuration. The list of all the presets and corresponding Program Change Number is shown in its own section below.

Setup

Connecting the unit into your rig is very straightforward.

A standard XLR cable is used to connect the MI-01 Interface to the Amplifiers Foot Controller Connector.

A standard 5 Pin MIDI cable is used to connect the MI-01 interface to a MIDI MIDI Foot Controller or the MIDI THRU/OUT of an EFX Unit.

In a typical setup that included a MIDI EFX Processor, the MIDI out from the Foot Controller would connect to the MIDI IN on the processor. Then the MIDI THRU or in some cases the MIDI OUT of the processor would connect to the MIDI IN on the MI-01 interface. Ensure the EFX Unit is configured to receive on a different MIDI channel to the MI-01.

No external power is needed for the MI-01 Interface, the amplifier provides power through the XLR cable.

Turn on the power to the efx unit first, then turn on the power to the amplifier.

Presets

The following is a list of all the Program Change Numbers and their preset function.

- 00 - Channel A / efx Loop Active
- 01 - Channel B / efx Loop Active
- 02 - Channel C / efx Loop Active
- 03 - Channel B / Lead Mode / efx Loop Active
- 04 - Channel C / Lead Mode / efx Loop Active
- 05 - Channel A / efx Loop Inactive*
- 06 - Channel B / efx Loop Inactive*
- 07 - Channel C / efx Loop Inactive*
- 08 - Channel B / Lead Mode / efx Loop Inactive*
- 09 - Channel C / Lead Mode / efx Loop Inactive*

* Effects Loop switching is only available on amplifiers that are fitted with a switchable loop. For all others the efx loop is always active regardless of the preset selected.

MIDI Implementation

The MI-01 operates on MIDI Channel 1 and isn't user configurable to any other channel. It is possible to get a firmware upgrade to operate on a user chosen channel.

All modern MIDI Foot Controllers allow the simultaneous sending of different MIDI program change messages over more than one MIDI channel, so the interface and a MIDI efx unit can receive different program Change messages from the same Switch/Patch on the foot controller. Please refer to your user manual for the efx processor / Foot Controller you are using for details of how to implement MIDI mapping. It's usually very simple.

Support

For product support of the Interface and any Carol-Ann Amplifiers please email alan@carolannamps.com

For support of any MIDI device connected to the interface, please contact the Manufacturer of the particular device.

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