

OPERATION INSTRUCTIONS
FOR THE
MORLEY EP-1
MIDI EXPRESSION PEDAL

INTRODUCTION

The EP-1 pedal is a foot-controlled MIDI "continuous controller" source. Designed for live-performance control of MIDI - equipped musical effects units, audio processors, lighting controls, as well as keyboards and tone modules.

The pedal transmits MIDI messages which correspond to the position of the pedal. The EP-1 is factory set a MIDI continuous controller #7, which is defined as main volume. The output values range from 0 to 127. The MIDI messages are transmitted on MIDI channel 1. If the musical instrument or effect unit connected to the pedal is capable of controller "mapping", parameters like mix levels, time delay, LFO speed, delay feedback, etc... can be modified continuously in real time!

CONNECTIONS AND POWER SOURCES

The pedal receives power from the MIDI out/thru jack on your MIDI equipment. No other power source is required. If your equipment only provides MIDI in, the EP-1 would require a MORLEY A.C. adapter (9V DC). The adapter plugs into the D.C. jack marked 9V on the EP-1 pedal. **CAUTION:** Before plugging AC Adaptor into EP-1 pedal, remove any cable plugged into the EP-1 input Jack. **Input Jack must not be used with AC Adaptor.**

When the MIDI input and output of the pedal are being used, any MIDI messages received through the MIDI input of the pedal will be passed through to its MIDI output. The MIDI controller data generated when the pedal is moved will be "merged" with any incoming MIDI messages. In cases where only one piece of MIDI equipment is being used, a feedback condition may occur causing it to lock up. This would make it necessary to turn the MIDI out/thru (also called merge) off. If this parameter is not accessible on your MIDI equipment, disconnect the EP-1 MIDI input cable and use a MORLEY A.C. adapter (9V DC).

USING THE EP-1 PEDAL

- 1.) Make sure all power to your MIDI equipment is off.
- 2.) Connect a MIDI cable from the EP-1 MIDI output jack to your equipment's MIDI in jack.
- 3.) Connect a MIDI cable from the EP-1 MIDI input jack to your equipments MIDI out/thru jack. If your equipment does not have a MIDI out/thru jack, then a MORLEY A.C. adapter is required to power the pedal. Wait until step (6) to plug A.C. adapter in.
- 4.) If your MIDI equipment provides 1/4 inch phone jacks for remote foot switches, two momentary switches (normally open) are provided on the EP-1. The switches are labeled effect bypass and program advance. However, these switches can be used for any remote foot switch application requiring normally open momentary switches.
- 5.) Put the pedal of the EP-1 in the toe-up position.
- 6.) Turn your MIDI equipment power on. Plug MORLEY A.C. adapter in if required (see step 3). The LED light above the effect bypass switch should turn on. If the LED does not turn on repeat steps 1 thru 6.
- 7.) Move the pedal of the EP-1 from the toe-up position to the toe-down position and back in one continuous motion. The LED will turn off and back on once. The travel of the pedal is set. Now anytime the pedal is moved the LED will turn off while data is being sent.

In order for the EP-1 to function properly your MIDI equipment must be set-up as follows:

- 1.) Set unit to omni or MIDI channel 1
- 2.) If only one piece of MIDI equipment is being used the MIDI thru (also called "merge") must be turned off. If this parameter is not accessible, disconnect the cable going to the EP-1 MIDI input and use a MORLEY A.C. adapter to power the EP-1 pedal. **Input Jack must not be used with AC Adaptor!**
- 3.) MIDI unit must be capable of controller mapping, which allows you to modify ie. mix levels, time delays, delay feedback, eq. and etc... through a MIDI continuous controller source.