

Classic Organ Works

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SWELL SHOE KIT (SSM-2) for the Classic MIDI Pedalboard



Description

With a Classic Swell Shoe kit (SSM-2), a Classic MIDI Pedalboard can be equipped with expression and crescendo pedals. Up to three shoes can be installed on the Classic MIDI Pedalboard. For use as a crescendo pedal, the shoe optionally can be mounted 3/8" higher than the other shoes.

For strength and rigidity, the mounting brackets are made of 0.125" steel and clamp directly onto the Classic MIDI Pedalboard. The foot-rest is finished in brass with a layer of protective rubber, and the mounting brackets are painted black.

A rack-and-pinion gear drives a potentiometer (variable resistor) that is connected to the Classic MIDI Keyboard or the MKSC-4A circuit board located inside the Pedalboard. Operating the shoe causes voltage changes that the MKSC-4A detects and converts to corresponding MIDI volume-controller messages.

Features

- Engineered to the exacting specifications of the American Guild of Organists.
- Mounts onto the Classic MIDI Pedalboard (sold separately).
- Connects to the Classic MIDI Keyboard or the MKSC-4A key-scan computer within the Pedalboard to produce MIDI messages.

- Beautiful brass finish.
- Protective rubber pad provides traction and reduces slippage.
- Clamps onto the back of the pedalboard so is easily adjustable.
- Mounting bracket made of 0.125" thick steel to withstand heavy pressure from the feet.
- Optional positions available to mount the shoe 3/8" higher when used as a Crescendo pedal.
- Adjustable friction setting.
- Pedal measures 11.5" x 4" and is mounted 1.25" above and 0.75" back from the sharp caps in the rest position.
- Up to three shoes can be installed and configured as Expression pedals with the MKSC-4A. One may be used for Crescendo.
- Rack-and-pinion gear to drive a rotary potentiometer.
- Requires no external power. Power is derived from the Classic MIDI Keyboard or Pedalboard interface.
- Some assembly required. Mounting hardware and cables are included.
- Total weight: 6 lbs (2.73 kg).

Applications

Unlike typical MIDI volume pedals, the Classic Swell Shoe is like swell shoes found on church organs. As such, it is ideal for home or practice use. When connected to the Classic MIDI Keyboard or the MKSC-4A controller in a Pedalboard, the swell shoe can be used to adjust volume levels on MIDI sound modules that conform to MIDI standards. This includes Ahlborn Archive™ modules and PC-based synthesizer software such as Hauptwerk. With the addition of MIDI keyboards (ideally the Classic MIDI Keyboards), a low-cost, high-quality home organ console can be constructed with most of the features of a pipe-organ console.

The Classic Swell Shoe kit is intended for use on Classic MIDI Pedalboards with an MKSC-4A key-scan computer. If you have an earlier model, please contact us for directions on how to connect the kit.