

AP113P MIDI Foot Controller



Description

The switch is designed to operate with the Yamaha Reface YC organ and provides an emulation of the 'Leslie' style switches found on many organs that operate with a rotary speaker.

Preparation

Ensure that your Reface YC is set to receive MIDI control change messages. See the section in the Reface manual for this, but basically you must ensure the mode is ON by holding down the lowest E key while turning the keyboard on. When MIDI control change messages are enabled, the ROTARY SPEED lamps light up. If it's disabled (which won't operate with the pedal), the ROTARY SPEED lamps flash.

Mode1: Allows the user to select **Slow / Fast** rotary speaker sounds. A message to switch the keyboard to Fast is sent when the pedal is depressed, and Slow when released.

Mode 2: This is a toggle mode, tap the pedal to switch between **Slow** and **Fast** sounds. Pressing the pedal for more than half a second switches the rotary sound to **Stop**. Once the keyboard is in **Stop**, tap the pedal again to start the rotary sound again in **Slow**.

If the user wishes to set the rotary sound setting to **Off**, the switch on the Reface itself should be operated. (Sonically, there is little difference between **Off** and **Stop**), but **Off** does give a short interruption to sound as the rotary effect is entirely bypassed in the Reface YC. Of course, operating the pedal again will select **Fast** or **Slow** as appropriate.

It is self powered from the Reface YC, plugging into the 6 pin MIDI socket on the rear of the instrument. Note that when plugged in, other MIDI functions are unavailable because the socket is occupied.

MIDI Commands

Command	MIDI Channel mode	Control Change	Parameter
Slow	0xB0	19	85
Fast	0xB0	19	127
Stop	0xB0	19	42

To switch between the two modes, plug the pedal into the Reface with the power off. Press and hold the pedal while you power the reface on. The pedal will indicate which mode it is in by showing Rotary STOP for mode 1 and Rotary OFF for Mode 2. It retains the new setting in memory, so powering up normally will give you the mode you selected.