

Thank you for your purchase of the RP93s Patchwork. This unit is designed to provide years of reliable service as a MIDI Controllable audio and signal switcher. Please take a moment to read this Owner's Manual carefully. It will provide you with all the information you need to operate this device properly.

**INTRODUCTION**

The RFX RP93s Patchwork is a MIDI control device that provides control of 4 switch and 4 stereo FX loop devices. Up to 128 control combinations can be programmed into the RP93s and are retrieved through MIDI Program Change commands or button selection. The Program Change command that retrieves programmed control information from the RP93s can also be selected for one or all channels. The RP93s accepts MIDI program changes and sets 8 relays to any pre-programmed configuration. It can be used to replace footswitches in amplifiers, keyboards, etc. and can control "stomp boxes" or other non MIDI equipment through the sends and returns of its effects loops.

**FEATURES**

- Control up to 8 switch functions with MIDI program changes
- Front panel and MIDI control of switch relays
- 128 MIDI patches in nonvolatile memory
- 4 stereo effects loops and 4 2500 Volt isolated relay switches
- Supplies MIDI phantom power for controller pedal

**INSPECT**

1. Unpack and inspect the RP93s package  
If obvious physical damage is noticed, contact the carrier immediately to make a damage claim. We suggest saving the shipping carton and packing materials for safely transporting the unit in the future.
2. Please complete the Warranty Registration Card and return it to the factory.

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**RFX MIDI PHANTOM POWER**

Inspired by an article in the December 1989 issue of Electronic Musician (by Craig Anderton), we decided to emulate their MIDI phantom power model for RFX equipment. MIDI receivers supply 12 VDC on pins 1 and 3, and transmitters receive power on those same pins. Many MIDI devices can be modified to supply power down the cable, but of course RFX makes no warranty to anyone as to the applicability of this modification or any damage that might be done as a result thereof. We supply this note for those adventurous people who may want to give it a try.

Connect pin 1 to circuit ground, and pin 3 to +9 - +15 VDC of the receiving unit.

**SCHEMATIC**

