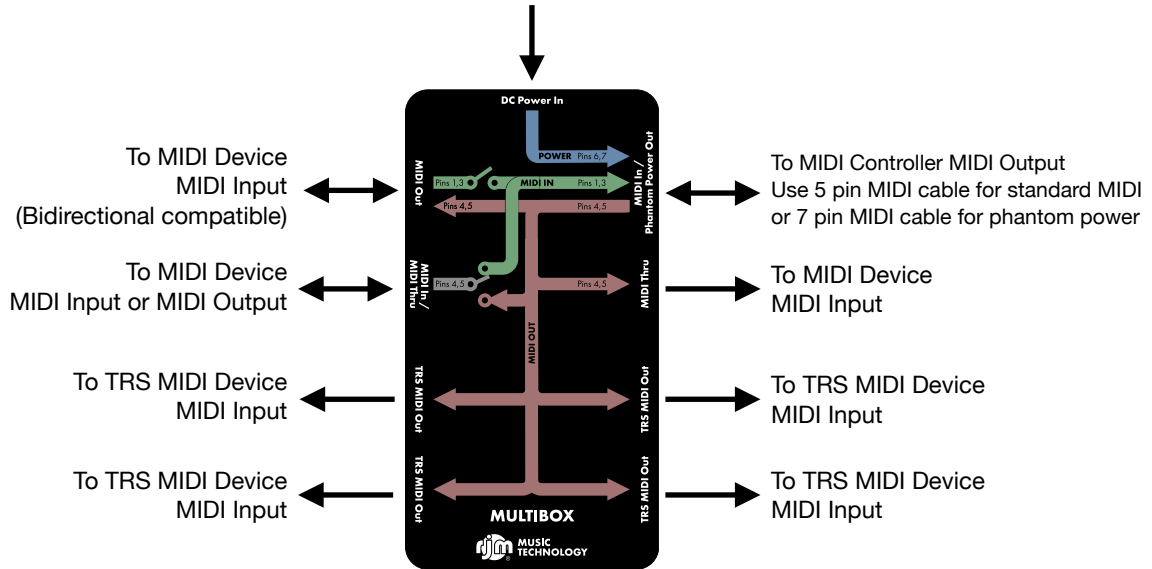


MULTIBOX QUICK START

The MultiBox is a multi-purpose MIDI interface device. It connects a MIDI controller to multiple MIDI devices using 5-pin DIN or TRS connections, allowing one controller to control them all without need for chaining devices or using multiple converters.

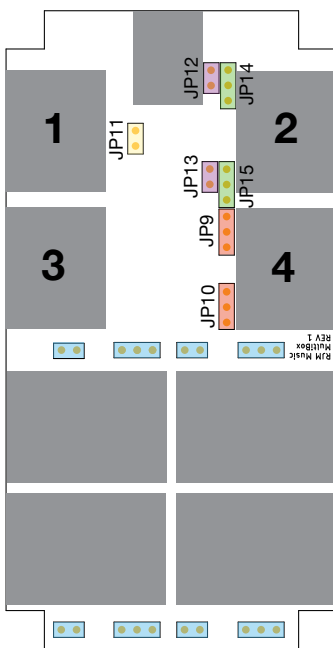
Connections

9-12VDC @ 50mA, either polarity
(More current required if providing phantom power to a MIDI controller)



Internal Jumpers

The MultiBox can be configured for many different purposes using internal jumpers. These are small black connectors inside the box that make connections between pins on the circuit board. When moving jumpers, using a small pair of needle nose pliers is recommended to make it a little easier to remove and replace them.



(View from the underside, with bottom cover off)

JP10: Select whether MIDI port #4 is a thru or input

- | | | |
|------|-----|---|
| JP10 | JP9 | |
| | | This port is a MIDI input (bidirectional to port #1) (<i>default</i>) |
| | | This port is a MIDI Thru |

JP11: Ground pin 2 of MIDI Port #1 (MIDI In / Phantom Power)

- | | |
|------|---------------------------------------|
| JP11 | |
| | Don't ground pin 2 (<i>default</i>) |
| | Ground pin 2 |

JP12, JP13: Enable bidirectional MIDI between MIDI ports #1 and #2

- | | | |
|------|------|---|
| JP13 | JP12 | |
| | | Disable bidirectional MIDI (<i>default</i>) |
| | | Enable bidirectional MIDI |







JP14, JP15: Select active or passive connection

- | | | |
|------|------|--|
| JP15 | JP14 | |
| | | Active connection from MIDI Port #1 to MIDI Port #2 (<i>default</i>) |
| | | Passive connection from MIDI Port #1 to MIDI Port #2 |

MULTIBOX QUICK START

Internal Jumpers (continued)

Each TRS MIDI jack has two jumpers next to it, one with 2 pins and one with 3. There are three different jumper settings that can be selected which determine what devices it's compatible with. If your device is not listed here, consult your device's user manual to determine which option to select.

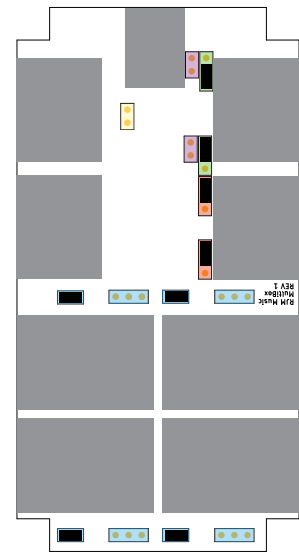
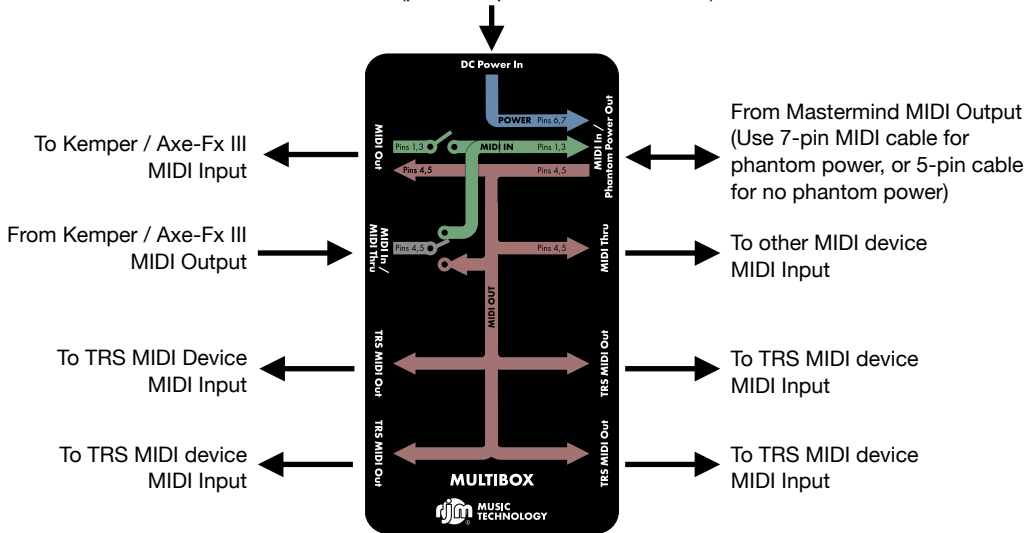
-   Tip Active (Strymon, Eventide, Empress, etc.) (default)
-   Ring Active (Chase Bliss)
-   Standard MIDI (Boss, etc.)

Example Configurations

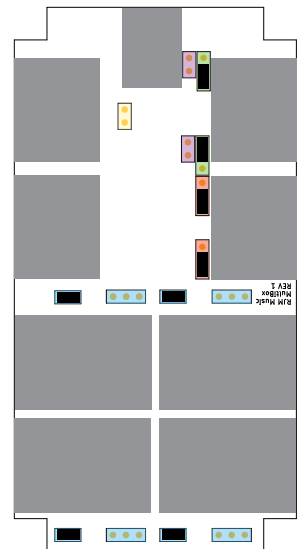
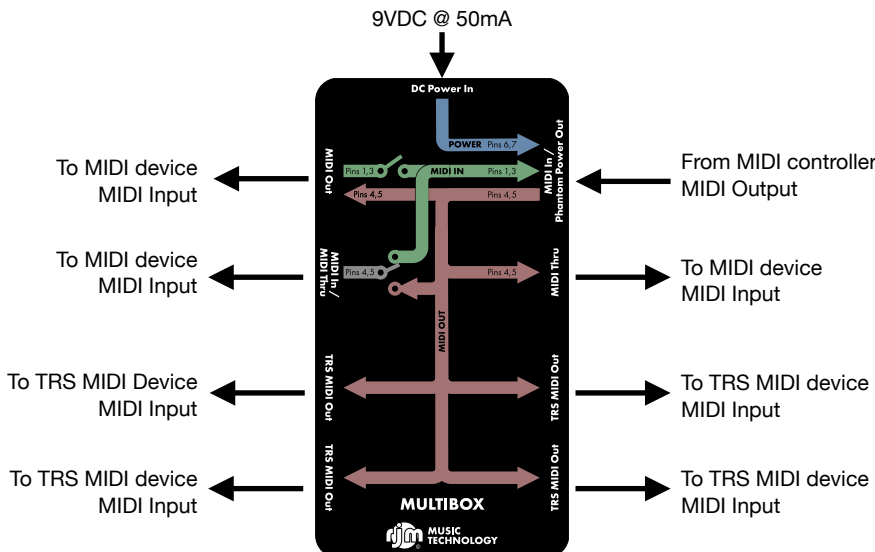
Mastermind to Fractal Axe-Fx III or Kemper Profiler with bidirectional MIDI and optional phantom power

This is the default configuration, which also can be used as a 2 output MIDI Thru box / 4 port TRS converter

9VDC @ 50mA (no phantom power) / 9VDC @ 250mA (phantom power Mastermind LT)
12VDC @ 3A (phantom power Mastermind GT)



3 Port MIDI Thru Box / 4 Port TRS MIDI Converter



Other configuration diagrams are available at rjmmusic.com