Yamaha PM5D

Requirements

- Large Audio Mixer Interface Software Option
- MIDIator Serial to MIDI Converter
- MIDI Interface Cables (x2)
- Serial Interface Cable (DB9 to DB25)

Port Connections

<table>
<thead>
<tr>
<th>Switcher</th>
<th>MIDIator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serial Connection</td>
<td>REMOTE Port (DB9 female) ⇔ SERIAL Port (DB25 female)</td>
</tr>
<tr>
<td>MIDI Connection</td>
<td>MIDI Out ⇔ MIDI In</td>
</tr>
<tr>
<td></td>
<td>MIDI In ⇔ MIDI Out</td>
</tr>
</tbody>
</table>

Cable Connectors

To Switcher
(male cable end)

To Device
(male cable end)

Pinouts

<table>
<thead>
<tr>
<th>Switcher</th>
<th>MIDIator</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 (Tx)</td>
<td>3 (Rx)</td>
</tr>
<tr>
<td>3 (Rx)</td>
<td>2 (Tx)</td>
</tr>
<tr>
<td>5 (Ground)</td>
<td>5 (Ground)</td>
</tr>
</tbody>
</table>

Switcher Setup

To Set Up Communications

1. Press HOME ⇔ Setup ⇔ Installation ⇔ Com Setup ⇔ Type.
   - Use the Com Port knob to select the Remote X port that you connected the MIDIator to.
   - Use the Device knob to select Audio Mixer.

2. Press Select Device.
   - Use the Device knob to select Ya PM5D.

3. Press Com Type.
   - Use the Type knob to select RS-232 (RS-232 NULL on the Synergy 1).

4. Press Com Settings.
   - Use the Baud knob to select 38400.
   - Use the Parity knob to select NONE.

5. Press Extra Options.

Extra Options | Value
---------------|-----
Converter      | MIDIator
Mixers (ganged together) | 1 (default)
Version (of PM5D) | 1 (default)
Post-fade delay | 5 (default)

6. Press HOME ⇔ Confirm.

To Assign Audio Channels to BNCs

1. Press HOME ⇔ Setup ⇔ Installation ⇔ BNC ⇔ Audio.
2. Use the BNC knob to select the Input BNC that you want to assign an audio channel to.
3. Use the Audio 1 knob to select an audio channel, or group, that you want to assign to the selected Input BNC.
4. Use the Audio 2 knob to select another audio channel, or group, that you want to assign to the selected Input BNC.
5. Press HOME ⇔ Confirm.

Refer to your switcher manual for information on creating audio groups, or setting default audio levels.

Device Setup

1. Press the MIDI/Remote function button in the Display Access Group to display the MIDI/Remote Menu.
2. Press the MIDI/Remote function button to display the MIDI SETUP Screen.
3. In the MIDI Port row of the MIDI SETUP Screen, select the following values, pressing ENTER after each selection:
   - In the Tx column - Use the Track Pad buttons to set this field to MIDI.
   - In the Rx column - Use the Track Pad buttons to set this field to MIDI.
4. In the Single Mode MIDI CH row of the MIDI SETUP Screen, select the following values, pressing ENTER after each selection:

- In the Tx column - Use the Track Pad buttons to set this to 1.
- In the Rx column - Use the Track Pad buttons to set this to 1.

**Note:** If you are ganging multiple Audio Mixers, you will have to set the second Audio Mixer to Tx CH 2 and Rx CH 2. You will also need to set the MIDI Thru value to MIDI in the Rx Column for all the Audio Mixers you are connecting.

- Use the following table to set the indicated parameters:

<table>
<thead>
<tr>
<th>Setting</th>
<th>Tx</th>
<th>Rx</th>
<th>ECHO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program Change</td>
<td>ON</td>
<td>ON</td>
<td>OFF</td>
</tr>
<tr>
<td>Control Change</td>
<td>OFF</td>
<td>OFF</td>
<td>--</td>
</tr>
<tr>
<td>Param Change</td>
<td>ON</td>
<td>ON</td>
<td>OFF</td>
</tr>
<tr>
<td>Bulk</td>
<td>--</td>
<td>OFF</td>
<td>--</td>
</tr>
<tr>
<td>Other Commands</td>
<td>--</td>
<td>--</td>
<td>OFF</td>
</tr>
</tbody>
</table>

**Compatibility**

<table>
<thead>
<tr>
<th>Audio Mixer</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yamaha PM5D</td>
<td>1 and 2</td>
</tr>
</tbody>
</table>

**Switchers**

- Synergy 1 SD
- Synergy Series SD 18.0 or higher
- Synergy MD/X 8.2 or higher
- Vision MD/X 8.2 or higher
- Vision QMD/X 8.2 or higher
- Vision MultiPanel Support --

**Automation**

- OverDrive 7.0 or higher

**Port Expanders**

- BSS4 ✓
- Comtrol DeviceMaster ✓