

Yamaha 02R96

Requirements

- Large Audio Mixer Interface Software Option
- Serial Interface Cable (DB9 to Mini-DIN)

Port Connections

	Switcher		Audio Mixer
Communications	REMOTE Port (female)	⇒	TO SERIAL HOST Port

Cable Connectors

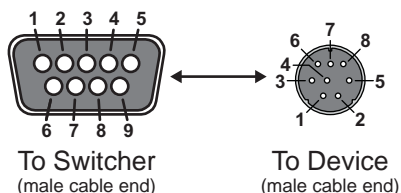


Figure 1 DB9 to Mini-DIN Cable

Pinouts

Switcher	02R96
2 (Rx-)	3 (Tx-)
3 (Tx+)	8 (Rx+)
7 (Rx+)	6 (Tx+)
8 (Tx-)	5 (Rx-)

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 02R96 to.
 - Use the **Device** knob to select **Audio Mixer**.
2. Press **Select Device**.
 - Use the **Device** knob to select **Ya 02R96**.
3. Press **Com Type**.
 - Use the **Type** knob to select **RS-422**.
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	None
Mixers (ganged together)	1 (default)
Version (of 02R96)	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 **SETUP** function button in the **Display Access Group** to display the **SETUP Menu**.
2. Press the **MIDI/HOST** tab to display the **MIDI/HOST SETUP Menu**.
3. Use the **Cursor** buttons to navigate to the following (you will have to press **ENTER** after each selection):
 - **TO SERIAL HOST** - Use the Parameter Dial to set this to **PC-2**.

Note: If you are ganging multiple Audio Mixers, you must set the Rx PORT and Tx PORT values to **MIDI**, to connect to the **MIDIator**.

- **Rx PORT** - Use the parameter Dial to set this to **SERIAL**.
 - **Tx PORT** - Use the parameter Dial to set this to **SERIAL**.
4. Press the **MIDI** function button in the **Display Access Group** to display the **MIDI Menu**.
 5. Press the **SETUP** tab to display the **MIDI SETUP Menu**.



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6. Use the **Cursor** buttons to navigate to the **RECEIVE Section** and select the following, all other parameters should be deselected (you will have to press **ENTER** after each selection):

- **Channel 1**
- **PROGRAM CHANGE**
- **PARAMETER CHG**

Note: If you are ganging multiple Audio Mixers, you will have to set the second Audio Mixer to Channel 2.

7. Use the **Cursor** buttons to navigate to the **TRANSMIT Section** and select the following, all other parameters should be deselected (you will have to press **ENTER** after each selection):

- **Channel 1**
- **PROGRAM CHANGE**
- **PARAMETER CHG**

Note: If you are ganging multiple Audio Mixers, you will have to set the second Audio Mixer to Channel 2.

8. Deselect all items in the **OMNI Section**.
9. Press **ENTER** to save your changes.
10. Deselect all items in the **ECHO Section**.
11. Press **ENTER** to save your changes.

Compatibility

Audio Mixer	Version
Yamaha 02R96	--
Switchers	
Synergy 1 SD	16.0 or higher
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	✓
Control DeviceMaster	✓