Yamaha DM2000

Requirements

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

Port Connections

	Switcher		MIDIator
Serial Connection	REMOTE Port (DB9 female)	⇨	SERIAL Port (DB25 female)
	MIDIator		**Audio Mixer**
MIDI Connection	MIDI Out	⇨	MIDI In
	MIDI In	⇨	MIDI Out

Cable Connectors
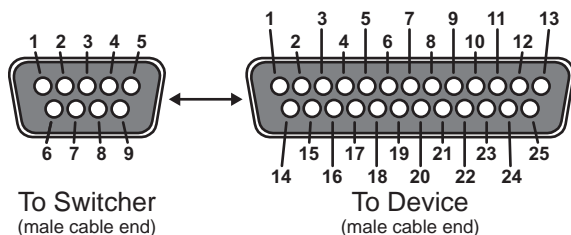
Figure 1 *DB9 to DB25 Cable*

Pinouts

Switcher	MIDIator
2 (Tx)	3 (Rx)
3 (Rx)	2 (Tx)
5 (Ground)	5 (Ground)

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 DM2000**.

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 DM2000)	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 MIDI.

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• Tx PORT - Use the parameter Dial to set this to MIDI.

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**.

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

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**
   • **CONTROL CHANGE**

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**
   • **CONTROL CHANGE**

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 DM2000	--
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	✔
Comtrol DeviceMaster	✔