

## Studer On Air 2500 Audio Mixer

### Requirements

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

### Port Connections

	Switcher		Audio Mixer
Communications	REMOTE Port (female)	⇒	RS-232 (female)

### Cable Connectors

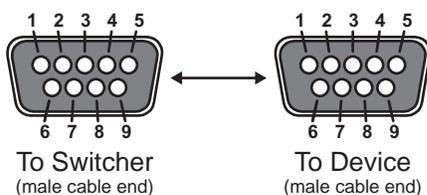


Figure 1 DB9 to DB9 Cable

### Pinouts

Switcher	Studer
2 (Tx)	2 (Rx)
3 (Rx)	3 (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 Studer to.
  - Use the **Device** knob to select **Audio Mixer**.
2. Press **Select Device**.
  - Use the **Device** knob to select **Studer**.
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
Max Channels	6 (default)
PGM Output	A (default)

6. Press **HOME** ⇒ **Confirm**.

#### To Assign Audio Sources to Channels

1. Press **HOME** ⇒ **Setup** ⇒ **Installation** ⇒ **More** ⇒ **Audio** ⇒ **Assign Source**.
2. Use the **Audio Channel** knob to select the input audio channel you want to assign an audio source to. The number of channels listed is the number of channels you selected when setting the **Max Channels** extra option.
3. Use the **Audio Source** knob to select the audio source that you want to assign to the selected input audio channel.
4. Press **Assign All** to send the audio input channel to audio source assignments to the Studer.
5. Press **Name Channel**.
6. Name each audio source the same as that channel is named on the Studer. These names must match exactly for all audio channels you are controlling from the switcher.

#### 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

Ensure the port on the Studer On Air 2500 that is connected to the switcher is configured for RS-232.

The Studer On Air 2500 can have a variable number of input channels and has two program output channels. You must specify the number of input channels on your audio mixer as well as which output channel you wish to control with your switcher.



## Compatibility

Audio Mixer	Version
Studer On Air 2500 Firmware Core	v3.1, build 7
Switchers	
Synergy 1 SD	--
Synergy Series SD	18.0
Synergy MD/X	8.2
Vision MD/X	8.2
Vision QMD/X	10.1
Vision MultiPanel Support	--
Automation	
OverDrive	8.10
Port Expanders	
BSS4	✓
Control DeviceMaster	✓