

Calrec Omega Digital Audio Mixing System

Requirements

- Large Audio Mixer Interface Software Option
- Serial Interface Cables DB9
- If the cable connection between the switcher and the Calrec Omega is longer than 50 feet, an RS-232 to RS-422 converter is required at the Calrec Omega.

Port Connections

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

Pinouts

Switcher	Calrec Omega
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 Calrec Omega to.
 - Use the **Device** knob to select **Audio Mixer**.
2. Press **Select Device**.
 - Use the **Device** knob to select **RAP**.
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 **115200**.
 - Use the **Parity** knob to select **ODD**.
5. Press **Extra Options**.

Extra Options	Value
TargetMachine	Calrec

Extra Options	Value
OD Master	M1 (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

Ensure the port on the Calrec Omega Digital Audio Mixer that is connected to the switcher is configured for RS-232.

Compatibility

Audio Mixer	Version
Calrec Omega Digital Audio Mixer	--
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	6.0 or higher
Port Expanders	
BSS4	✓
Control DeviceMaster ^a	✓

- a. You must set **Server/Client** to **Server** on the **Com Settings** of the **Communications Menu 1-2** when connecting to a Control DeviceMaster.





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