

Calrec Sigma Digital Audio Mixing System

Requirements

- Large Audio Mixer Interface Software Option
- Serial Interface Cables DB9 (Male)

Port Connections

| | Switcher | | Audio Mixer |
|----------------|----------------------|---|-------------|
| Communications | REMOTE Port (female) | ⇒ | RS-422 |

Pinouts

| Switcher | Calrec Sigma |
|----------|--------------|
| 2 (Rx-) | 5 (Tx-) |
| 3 (Tx+) | 8 (Rx+) |
| 7 (Rx+) | 4 (Tx+) |
| 8 (Tx-) | 9 (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 Calrec Sigma 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-422**.
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 |
|---------------|--------------|
| OD Master | M1 (default) |
| TargetMachine | Calrec |

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 Sigma that is connected to the switcher is configured for RS-422.

Compatibility

| Audio Mixer | Version |
|--|----------------|
| Calrec Sigma Digital Audio Mixing System | -- |
| 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 | ✓ |
| 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.



