

EVS Broadcast Equipment maXS

Requirements

- Video Server Control software option
- If you are using multiple video channels on the maXS, each channel should be assigned to a separate **Remote Port**, or a **Port Expander** should be used.
- Serial Interface Cable (DB9 to DB9)

Port Connections

	Switcher		Video Server
Communications	REMOTE Port (female)	⇒	RS422 Port 1 (female)
Video	Input BNC	⇒	Output BNC

Cable Connectors

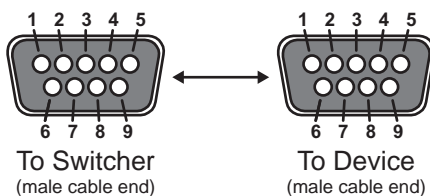


Figure 1 DB9 to DB9 Cable

Pinouts

Switcher	maXS
2 (Rx-)	2 (Tx-)
3 (Tx+)	3 (Rx+)
7 (Rx+)	7 (Tx+)
8 (Tx-)	8 (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 maXS to.
 - Use the **Device** knob to select **VTR (CLIP)**.
2. Press **Select Device**.
 - Use the **Device** knob to select **VDCP**.

- Use the **VTR Preroll** knob to select **0**.

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 **ODD**.

5. Press **Extra Options**.

- Use the **Option** knob to select **TargetMachine**.
- Use the **Value** knob to select **EVS MaxS**. The remaining options are set automatically.

6. Press **HOME** ⇒ **Confirm**.

To Set Up Video Inputs

1. Press **HOME** ⇒ **Setup** ⇒ **Installation** ⇒ **BNC** ⇒ **BNC Type**.

- Use the **BNC** knob to select the input BNC that the video output of the maXS is connected to.
- Use the **Type** knob to select **VTR**.
- Use the **Video Format** knob to select the video format of the video output of the maXS.

2. Press **More** ⇒ **VTR/VDCP Xpts**.

- Use the **Controller** knob to select the port on the switcher that you assigned the maXS to.

3. Press **VDCP Setup**.

- Use the **Channel** knob to select the channel on the maXS that you want to assign to the BNC.
- Use the **SubAddress** knob to select **0**.

4. Press **HOME** ⇒ **Confirm**.

Device Setup

- Configure the maXS to record clips using the **VDCP 2R+2P** application.
- Set the configuration for **VDCP 2R+2P** to **Louth slave**.
- Set the **communication** parameter to **channel 1** when using the switcher.
- The **Remote Reset Jumper 1** on the **PC&CTRL Board** must *not* have a jumper cap on it. Ensure that the jumper cap is on a port other than **1**. Refer to your maXS documentation for more information on locating and setting this jumper.

Troubleshooting

If the device is communicating properly, but you cannot gain control from the switcher, try cycling through different values for the

SubAddress, and then the Channel. The most common settings are as follows:

- Channel set to the video channel number and SubAddress set to 0.
- Channel set to the video channel number and SubAddress set to the serial communications port on the video server.

Compatibility

Video Server	Version
EVS Broadcast Equipment maXS	--
Switchers	
Synergy 1 SD	16.0
Synergy Series SD	16.0
Synergy MD/X	4.0
Vision QMD/X	14.0
Vision MultiPanel Support	15.0
Automation	
OverDrive	10
Port Expanders	
BSS4	✓
Control DeviceMaster	✓