GVG Turbo iDDR

Requirements

- Video Server Control software option
- If you are using multiple video channels on the Turbo, 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 (female)
Video	Input BNC	⇨	Output BNC

Cable Connectors
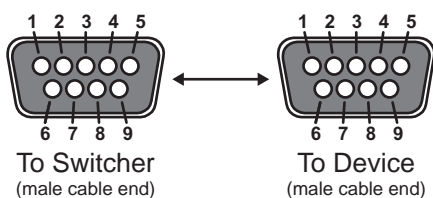
Figure 1 DB9 to DB9 Cable

Pinouts

Switcher	Turbo
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 Turbo to.
   - Use the **Device** knob to select **VTR (CLIP)**.
2. Press **Select Device**.
   - Use the **Device** knob to select **Betacam**.

- 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**.

Option	Value
TargetMachine	Generic
Decode NAKs	Yes
Wait nFields	0
NPlay Retries	3
Request TC	Yes

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 Turbo 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 Turbo.
2. Press **More ⇨ VTR/VDCP Xpts**.
   - Use the **Controller** knob to select the port on the switcher that you assigned the Turbo to.
3. Press **HOME ⇨ Confirm**.

Compatibility

Video Server	Version
GVG Turbo	--
Switchers	
Synergy 1 SD	--
Synergy Series SD	--
Synergy MD/X	--
Vision MD/X	12.1
Vision QMD/X	12.1

Switchers	
Vision MultiPanel Support	--
Automation	
OverDrive	9.3
Port Expanders	
BSS4	✔
Comtrol DeviceMaster	✔