

Ross Video XPression (Serial)

Requirements

- Character Generator Interface Software Option.
- The Ross Video XPression requires a USB-to-Serial converter to communicate with the switcher. Refer to your XPression documentation for information on setting up the converter.
- Serial Interface Cable (DB9 to DB9).

Port Connections

	Switcher		Character Generator
Communications	REMOTE Port (female)	⇒	--
Video	Input BNC	⇒	Video Out BNC
Alpha	Input BNC	⇒	Alpha Out BNC

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 XPression to.
 - Use the **Device** knob to select **CG**.
2. Press **Select Device**.
 - Use the **Device** knob to select **XPression**.
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 **9600**.
 - Use the **Parity** knob to select **NONE**.
5. 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 XPression is connected to.
 - Use the **Type** knob to select **CG**.

- Use the **Video Format** knob to select the video format of the *Video* output of the XPression.
2. Press **More** ⇒ **More** ⇒ **Still/CG Setup**.
 - Use the **BNC** knob to select **Input BNC**.
 - Use the **CG** knob to select the XPression.
 - Use the **Channel** knob to select the channel that you using on the XPression.
 3. Press **HOME** ⇒ **Confirm**.

To Set Up Alpha Inputs

1. Press **HOME** ⇒ **Setup** ⇒ **Installation** ⇒ **BNC** ⇒ **BNC Type**.
 - Use the **BNC** knob to select the input BNC that the *Alpha* output of the XPression is connected to.
 - Use the **Type** knob to select **Alpha**.
 - Use the **Video Format** knob to select the video format of the *Alpha* output of the XPression.
2. Press **Alpha**.
 - Use the **Mode** knob to select **Shaped**.
3. Press **Auto Key Setup**.
 - Use the **BNC** knob to select input BNC that the *Video* output of the XPression is connected to.
 - Use the **Alpha** knob to select that the *Alpha* output of the XPression is connected to.
4. Press **HOME** ⇒ **Confirm**.

Device Setup

Ross Video XPression must be set up to use the USB-to-Serial adapter to communicate with the switcher.

1. Insert the USB-to-Serial adapter into a USB port on the XPression computer.
2. From the **Device Manager Console** of Windows®, identify the port that the USB-to-Serial adapter is on.
3. In the XPression application, load the XPression CII Gateway - Settings.
4. On the **Settings 1** tab, in the **CII over RS232** section, select the following settings:
 - **Port**: Select the port for the **Device Manager Console** that the USB-to-Serial adapter is on.
 - **Baudrate**: 9600
 - **Data Bits**: 8
 - **Parity**: None



- **Stop Bits:** 1
- **Flow Control:** None

5. Click **OK**.

Compatibility

Character Generator	Version
Ross Video XPression Version (CII Gateway)	2.0
Switchers	
Synergy 1 SD	--
Synergy Series SD	--
Synergy MD/X	--
Vision MD/X	--
Vision QMD/X	16.0
Vision MultiPanel Support	--
Automation	
OverDrive	12.0
Port Expanders	
BSS4	✓
Control DeviceMaster	✓