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

<table>
<thead>
<tr>
<th></th>
<th>Switcher</th>
<th>Character Generator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications</td>
<td>REMOTE Port (female)</td>
<td>–</td>
</tr>
<tr>
<td>Video</td>
<td>Input BNC</td>
<td>Video Out BNC</td>
</tr>
<tr>
<td>Alpha</td>
<td>Input BNC</td>
<td>Alpha Out BNC</td>
</tr>
</tbody>
</table>

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.
   • 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 the port that the USB-to-Serial adapter is on.
   • Use the Alpha knob to select the Alpha output of the XPression.
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 I 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

<table>
<thead>
<tr>
<th>Character Generator</th>
<th>Version</th>
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<tbody>
<tr>
<td>Ross Video XPression Version (CII Gateway)</td>
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### Switchers

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Synergy 1 SD</td>
<td>--</td>
</tr>
<tr>
<td>Synergy Series SD</td>
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<tr>
<td>Synergy MD/X</td>
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<tr>
<td>Vision MD/X</td>
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<tr>
<td>Vision QMD/X</td>
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<tr>
<td>Vision MultiPanel Support</td>
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### Automation

<table>
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<tr>
<th>Automation</th>
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<td>OverDrive</td>
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### Port Expanders

<table>
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<tr>
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<tr>
<td>Comtrol DeviceMaster</td>
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