PixelPower Clarity5000

Requirements

- Character Generator Interface Software Option
- Ethernet Cable

Port Connections

	Switcher		Character Generator
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 assigned the Clarity5000 to.
   - Use the **Device** knob to select **CG**.
2. Press **Select Device**.
   - Use the **Device** knob to select **Pixel**.
3. Press **Com Type**.
   - Use the **Type** knob to select **Network TCP**.
4. Press **Com Setting**.
5. Use the **Client/Server** knob to select **Client**.
   - In the **Remote IP Address** field, enter the IP address of the Clarity5000.
   - In the **Remote Port** field, enter **10260**. Use this value unless told otherwise by the PixelPower Clarity5000 documentation.
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 Clarity5000 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 Clarity5000.
2. Press **More** ⇨ **More** ⇨ **Still/CG Setup**.
   - Use the **BNC** knob to select **Input BNC**.
   - Use the **CG** knob to select the Clarity5000.
   - Use the **Channel** knob to select the channel that you using on the Clarity5000.
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 Clarity5000 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 Clarity5000.
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 Clarity5000 is connected to.
   - Use the **Alpha** knob to select that the *Alpha* output of the Clarity5000 is connected to.
4. Press **HOME** ⇨ **Confirm**.

Device Setup

Use the following procedure to configure the Template Formatting on the PixelPower Control Center:

1. From the PixelPower Control Center main toolbar, select **Options** ⇨ **Automation Setup**.
2. Select the **MOS Gateway 1** tab.
3. Locate the **ActiveX MOS Object Item Slug** field.
4. In the **Template Formatting** field enter **Page %N**.
5. Click **OK** to save your changes and close the **Automation Setup** dialog box.

When configuring your Clarity5000, keep the following in mind:

- The **Socket Server Application** will automatically launch the **Clarity Graphics Application**.

Compatibility

Character Generator	Version
PixelPower Control Center Version	4.7.1.1
PixelPower Clarity Software Version	7.7.0.6

Video Production Technology

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	✖
Comtrol DeviceMaster	✖

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