

## Chyron HyperX

### Requirements

- Character Generator Interface Software Option
- Serial Interface Cable (DB9 to DB9)

### Port Connections

	Switcher		Character Generator
<b>Communications</b>	REMOTE Port (female)	⇒	COM Port 1 (male)
<b>Video</b>	Input BNC	⇒	Video Out BNC
Alpha	Input BNC	⇒	Alpha Out BNC

### Cable Connectors

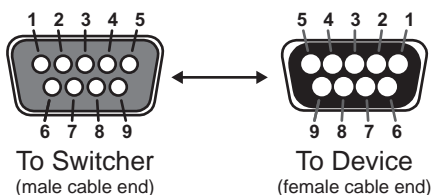


Figure 1 DB9 to DB9 Cable

### Pinouts

Switcher	HyperX
2 (Tx)	3 (Rx)
3 (Rx)	2 (Tx)
5 Ground	5 Ground

### 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 HyperX to.
  - Use the **Device** knob to select **CG**.
2. Press **Select Device**.
  - Use the **Device** knob to select **Chyron**.
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 **Extra Options**.

Extra Options	Value
PlayTime	20 (default)
Software Ver	Non-Pro (default)
Timeout	6 (default)

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 HyperX 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 HyperX.

2. Press **More** ⇒ **More** ⇒ **Still/CG Setup**.

- Use the **BNC** knob to select **Input BNC**.
- Use the **CG** knob to select the HyperX.
- Use the **Channel** knob to select the channel that you using on the HyperX.

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 HyperX 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 HyperX.

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 HyperX is connected to.



- Use the **Alpha** knob to select that the *Alpha* output of the HyperX is connected to.

4. Press **HOME** ⇨ **Confirm**.

## Device Setup

The switcher communicates with the Chyron Character Generator using Chyron Lyric™ software and the Ross Video-II Translator plug-in. The plug-in intercepts all commands from the serial port and passes the data to the Lyric software for processing.

1. Ensure that the Ross Video- II Translator plug-in file **II Translator.ocx** is copied to the Plug-ins folder located in the Lyric main directory.
2. Ross Video recommends selecting **Air Channel** for each video processing board installed:
  - Click **Config > Duet Configuration** from the Lyric menu bar.
  - Click the **Configure Board Use** tab.
  - Select **Air Channel** for each video processing board.
  - Click **OK**.
3. Enable Modal Suppression:
  - Click **Tools** from the Lyric menu bar.
  - Select (check) the **Enable Modal Suppressor** option.
4. Disable Prompt to Play on Hardware:
  - Click **Configuration > Preferences** from the Lyric menu bar.
  - Click the **Animation Settings** tab.
  - De-select (uncheck) the **Prompt to Play on Hardware** option.
5. Ensure the Telnet option is enabled for the Ross Video II translator plug-in to communicate with the Lyric Software and the switcher:
  - Select **Config** from the Lyric menu bar.
  - Select the **Intelligent Interface Setup** option.
  - Select **Enable Telnet** from the **Intelligent Interface Setup** dialog.
  - Click **OK**.
6. Enable the Ross Video II translator plug-in as follows:
  - Select **File** from the Lyric menu bar.
  - Select **Ross Video- II translator** from the file list.
  - Click **Run**.

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	✓

## Compatibility

Character Generator	Version
Chyron HyperX	--



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