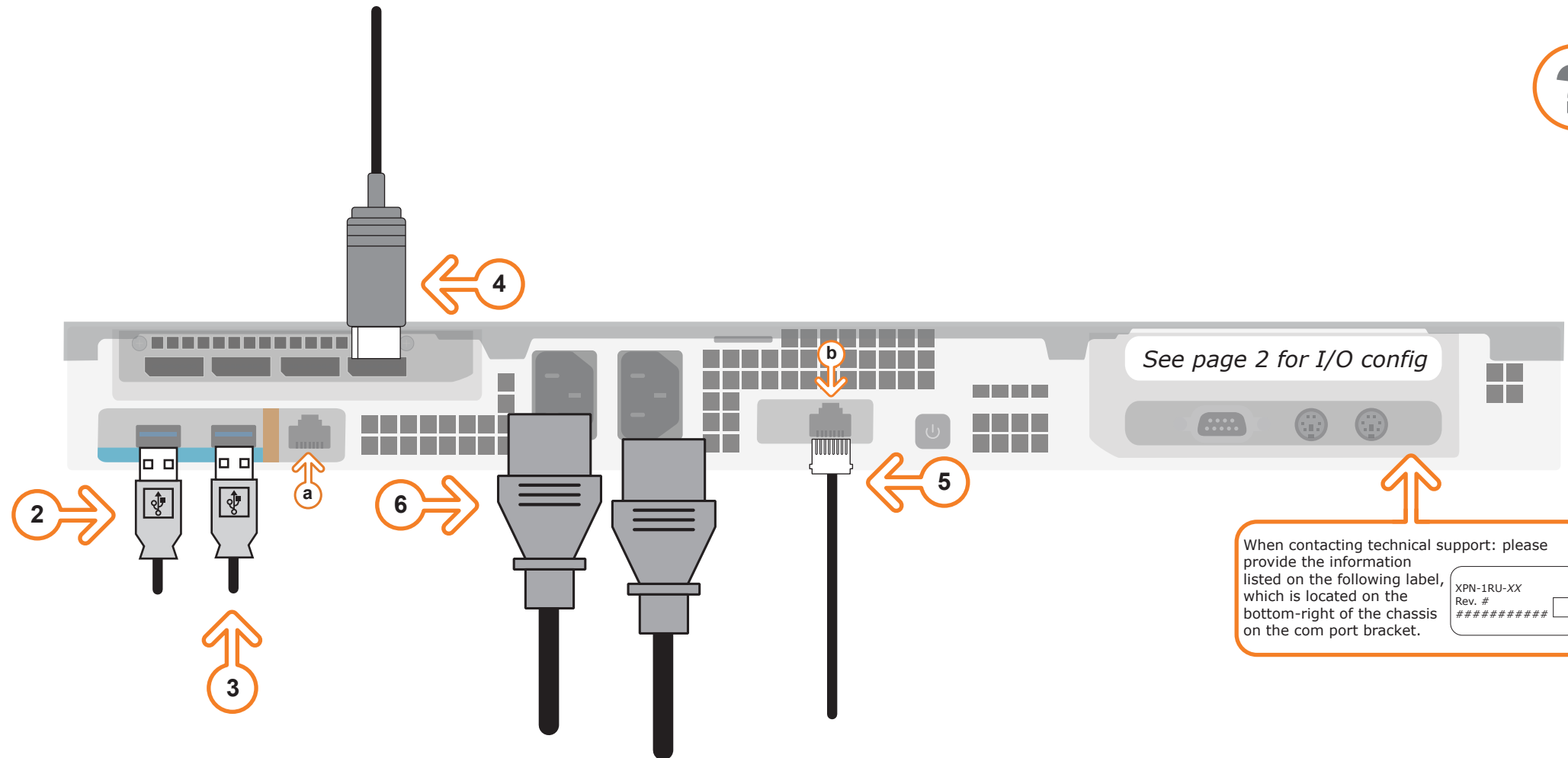


# XPression

## Basic Cabling

⚠ CAUTION: Before you set up and operate this product, see the “Important Safety Instructions” in your Manual.



- 1 Use the supplied Rack Mount Kit to mount the XPression system in a 19" EIA equipment rack.  
*For information on installing the XPression chassis in a rack, see the provided document “Installing the Chassis in a Rack”.*
- 2 Plug the supplied Keyboard into one of the **USB** ports.
- 3 Plug the supplied Mouse into one of the **USB** ports.
- 4 Connect a Monitor (customer supplied) to any of the four display ports.  
*KVM extenders (customer supplied) are required when the XPression system monitor, keyboard, and mouse are located remotely from the rack room.*

- 5 Plug an Ethernet cable from your Local Area Network into either the **1G (a)** or **10G (b) Ethernet** port.  
*XPression systems can be connected to the Internet or restricted production network. The network connection is also used to distribute assets and for the RossTalk/Smart GPI feature.*
- 6 Connect power cords from the AC ports on the XPression system to the mains power.  
*XPression system power supplies are auto-sensing and can use either 110 VAC or 220 VAC.*

*Continued on other side...*

Card Cabling

- 1

Connect your house reference Genlock signal to the **REF** HD-BNC connector.

*XPression systems accept analog blackburst or tri-level sync as reference inputs. Tri-level sync is recommended for HD installations.*
- 2

Connect the HD-BNC end of the pigtail cables to the HD-BNC connectors and attach the SDI cables to the BNC end of the pigtails according to their required destination (see the *XPression User Guide* or Help file for information about configuring the key and fill for the HD-BNC connectors). The default and UHD configuration is displayed in the table on the right.

*Not all HD-BNC connectors will be active depending on the XPression software edition. Keep any unused pigtail and SDI cables in a safe place for future use.*

*If your facility requires analog outputs, additional outboard digital to analog conversion equipment is available from Ross Video.*

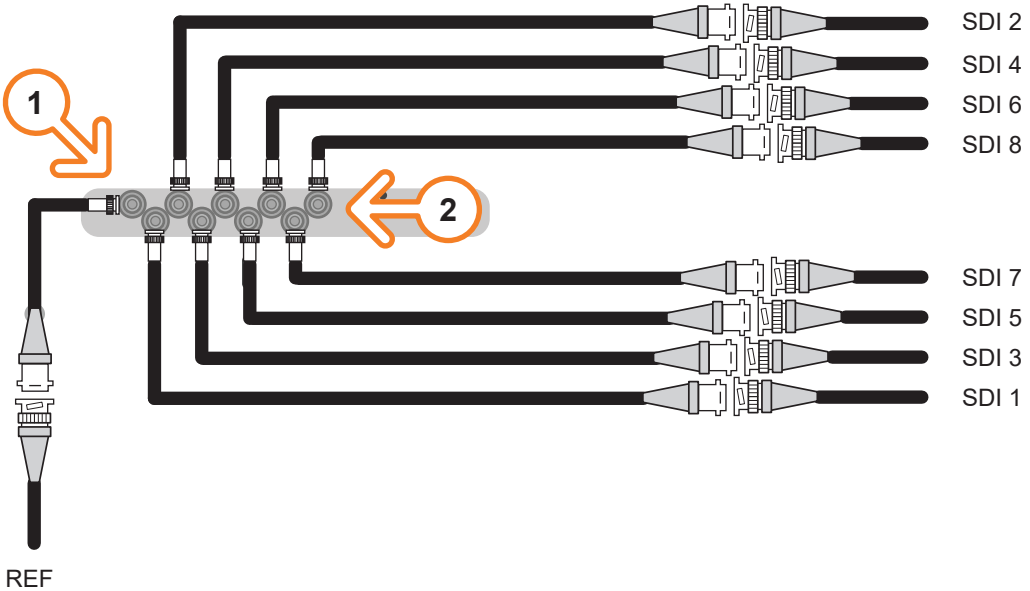
*Inputs/outputs can be configured in the Hardware Setup in the XPression User Guide or Help file.*
- 3

Press the **Power** button (⏻) on the front of the XPression system.

*Ross Video recommends shutting down XPression systems from the Windows operating system.*
- 4

Click the **XPression** user account icon to log onto the system.
- 5

Launch XPression from the **Start** menu.



HD-BNC	2 in 6 out (Default)	8 out	8 out (UHD Mode)	4 in 4 out	1 In 7 Out	3 In 5 Out
1	In 1	Out 1 Fill	Fill 1	In 1	In 1	In 1
2	Out 1 Fill	Out 2 Fill	Fill 2	Out 1 Fill	Out 1 Fill	Out 1 Fill
3	Out 2 Fill	Out 3 Fill	Fill 3	In 2	Out 2 Fill	In 2
4	Out 3 Fill	Out 4 Fill	Fill 4	Out 2 Fill	Out 3 Fill	Out 2 Fill
5	In 2	Out 1 Key	Key 1	In 3 (In 1 Key)	Out 4 Fill	In 3 (In 1 Key)
6	Out 1 Key	Out 2 Key	Key 2	Out 1 Key	Out 1 Key	Out 1 Key
7	Out 2 Key	Out 3 Key	Key 3	In 4 (In 2 Key)	Out 2 Key	Out 3 Fill
8	Out 3 Key	Out 4 Key	Key 4	Out 2 Key	Out 3 Key	Out 2 Key

For information on...

- operating XPression, see the "XPression User Guide" available in the C:\Archive folder
- maintenance of the XPression system, see the "XPression Maintenance Guide" in the C:\Archive folder
- other XPression features and functions, see the documents available in the C:\Archive folder

To configure the DSX LE4:

- 1

Press the **Power** button (⏻) on the front of the XPression system.

*Ross Video recommends shutting down XPression systems from the Windows operating system.*
- 2

From the folder that contains the **mvConnectorConfig.exe**, open the **Command Prompt**.

The default installation folder is C:\Program Files\Matrox DSX.utils\drivers in Windows.
- 3

Configure the inputs and outputs as follows:

mvConnectorConfig.exe -XinYout

Where:

X is the number of inputs

Y is the number of outputs

For example, to configure the inputs/outputs for 2 inputs/6 outputs, type "mvConnectorConfig.exe -2in6out".
- 4

Press **Enter**.
- 5

Reboot your system to update the card with the new I/O configuration.

*Follow the onscreen instructions to reboot your system.*

*The new configuration will be applied after the reboot.*
- 6

Click the XPression user account icon to log onto the system.
- 7

Launch XPression from the **Start** menu.