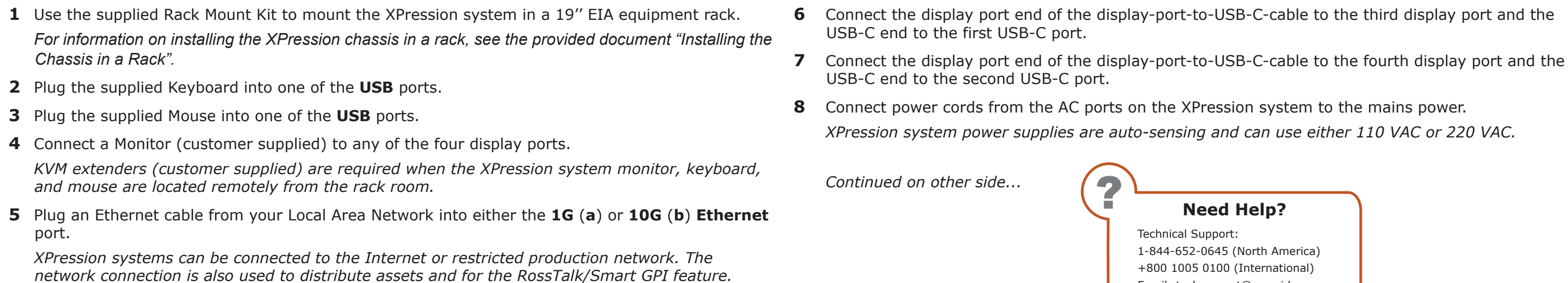


Basic Cabling

When contacting technical support: please provide the information listed on the following label, which is located on the bottom-right of the chassis on the com port bracket.

XPN-1RU-XX
Rev. #
#####

- 1** Align the Retaining Clip so that the mounting hole is on the right and install the 1.5mm Hex screw into the hole next to the USB-C port.
- 2** Insert the USB-C cable into the port next to the Retaining Clip and use a supplied Cable Tie to secure the USB-C cable to the Retaining Clip.
Do not overtighten the Cable Tie.
- 3** Repeat these steps for the second USB-C cable if required.



Need Help?

Technical Support:

1-844-652-0645 (North America)
+800 1005 0100 (International)

Email: techsupport@rossvideo.com

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 tables below.

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. See the XPression User Guide or Help file for instructions.
- 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.

I/O	SD/HD	UHD
I1/O8	Out 8/Out 4 Key/In 1	In 1
I2/O7	Out 7/Out 4 Fill/In 2	In 2
I3/O6	Out 6/Out 3 Key/ In 3	--
I4/O5	Out 5/Out 3 Fill/In 4	--
O4	Out 4/Out 2 Key	Out 4/Out 2 Key
O3	Out 3/Out 2 Fill	Out 3/Out 2 Fill
O2	Out 2/Out 1 Key	Out 2/Out 1 Key
O1	Out 1/Out 1 Fill	Out 1/Out 1 Fill

Note: Key is always on an even output

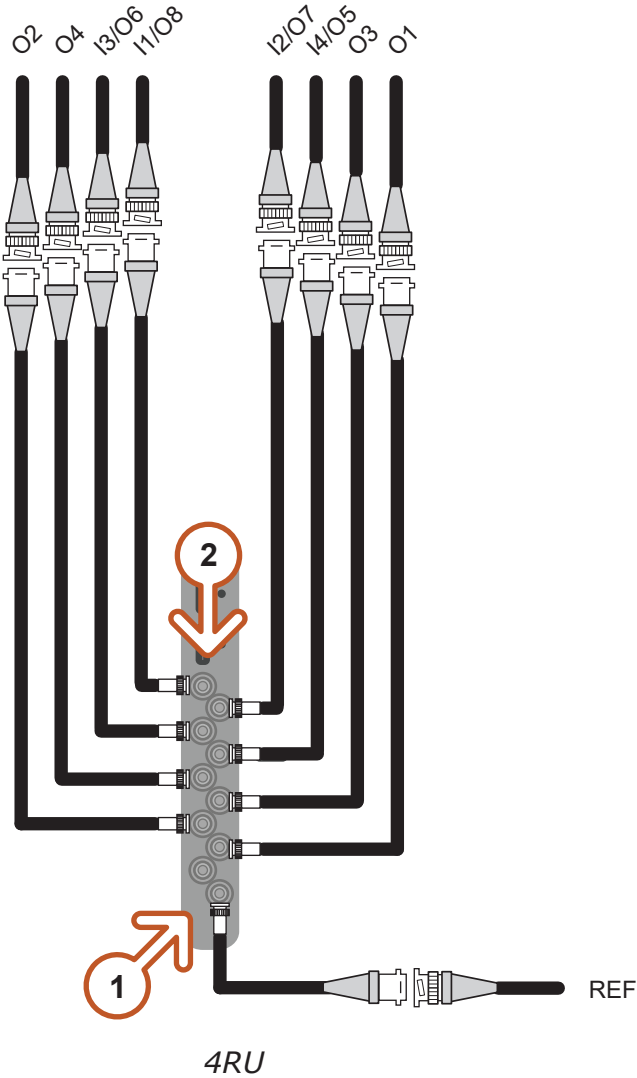
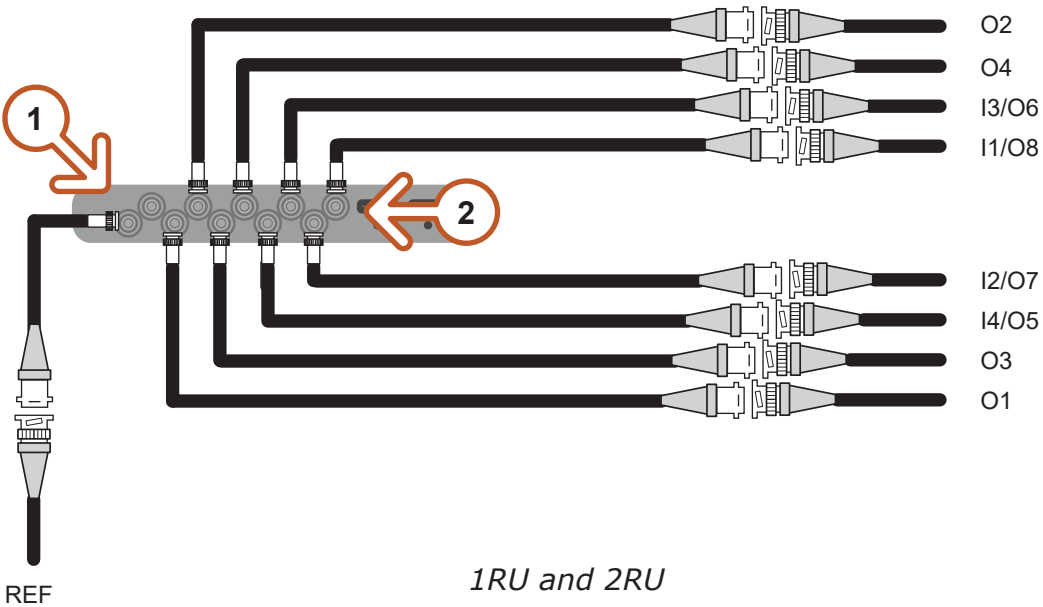
Sample configurations:

I/O	2 In 3 Fill/Key*	8 Out	4 Fill/Key	4 In 4 Out	1 Fill 2 Fill/Key	2 Fill 2 Fill/Key
I1/O8	In 1	Out 8	Out 4 Key	In 1	--	--
I2/O7	In 2	Out 7	Out 4 Fill	In 2	--	--
I3/O6	Out 3 Key	Out 6	Out 3 Key	In 3	Out 3 Key	Out 4 Key
I4/O5	Out 3 Fill	Out 5	Out 3 Fill	In 4	Out 3 Fill	Out 4 Fill
O4	Out 2 Key	Out 4	Out 2 Key	Out 4	Out 2 Key	Out 3 Key
O3	Out 2 Fill	Out 3	Out 2 Fill	Out 3	Out 2 Fill	Out 3 Fill
O2	Out 1 Key	Out 2	Out 1 Key	Out 2	--	Out 2
O1	Out 1 Fill	Out 1	Out 1 Fill	Out 1	Out 1	Out 1

*Default setup

Software Bypass
I1 ==> O1
I2 ==> O2
I3 ==> O3
I4 ==> O4

Note: Available when system is running



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