Overview
This guide pertains to the VPX-1401 4K Scaling Presentation Switcher (FG1010-334). The purpose of this document is to illustrate how the device is to be installed and set up in its simplest configuration by a trained technician.

What's in the Box?
The following items are included with the VPX-1401:

- [4] 5-pin Phoenix Male Connector (3.5 mm, 5 pins)
- [1] 6-pin Phoenix Male Connector (3.5 mm, 6 pins)
- [1] Power Adapter (DC 12V 5A) with lock-ring plug
- [1] AC power cable with US pins
- [1] AC power cable with UK pins
- [1] AC power cable with EU pins

Power
Active power requirements:
- Voltage, DC (typical): 12VDC
- Power consumption (max): 42W

Environmental Requirements
The environmental requirements for the VPX-1401 are as follows:

- Operating Temperature: 32°F (0°C) to 122°F (50°C)
- Storage Temperature: -4°F (-20°C) to 140°F (60°C)
- Operating Humidity: 10% to 90% RH (non-condensing)
- Storage Humidity: 10% to 90% RH (non-condensing)

Installation
Connections
1. Attach the proper cable from any Video Source to the Input port on the VPX-1401. There is one VGA input and three HDMI inputs. See switching section for details on which input is selected as the active source.
2. Attach a HDMI cable from the VPX-1401 HDMI OUTPUT port to a display, projector or another sink device.
3. If required, connect the HDBT OUT port on the VPX-1401 to a HDBT Receiver to work together.
4. If used, connect a USB Host device to the unit, connect it to the USB Host Port and make sure the HDBT Receiver is working in USB device mode.
5. If required, connect an amplifier, soundbar or other audio device to the audio output on the VPX-1401.
6. If necessary, the Ethernet port can be connected to a NetLinx NX Integrated Controller to add system level control of the unit. Please see www.amx.com for details on choosing the correct controller and setting up the network.
7. Attach the correct AC Plug to the DC Adapter for your location. Plug in and tighten the DC connector to the VPX-1401 and plug the adapter into the proper AC outlet.

Switching Operation
VPX-1401 supports auto switching and manual control from front panel.

A. When Auto Switching is enabled, the unit automatically switches following the rules below:
   1. If more than one input port has an active signal, the priority order is: VGA => HDMI1 => HDMI2 => HDMI3
   2. When a new input is connected, the last connection made is the first connection used

B. Manual Switching is allowed only when Auto Switching is disabled

Additional Documentation
Additional documentation for this device is available at www.amx.com. Refer to the AMX VPX-1401 4K Scaling Presentation Switcher Instruction Manual for additional details on typical system diagrams, installing, upgrading, and controlling the VPX-1401.