P80 Presentation Switcher
Quick Start Guide
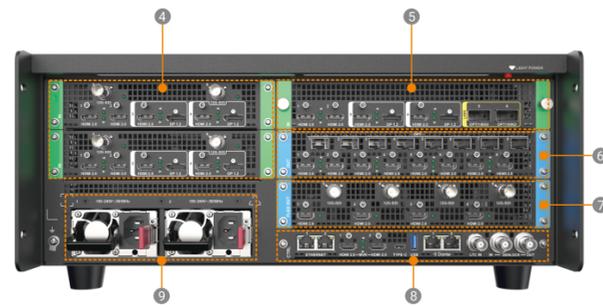
PIXELHUE

502010341A

Front Panel

Rear Panel

Applications

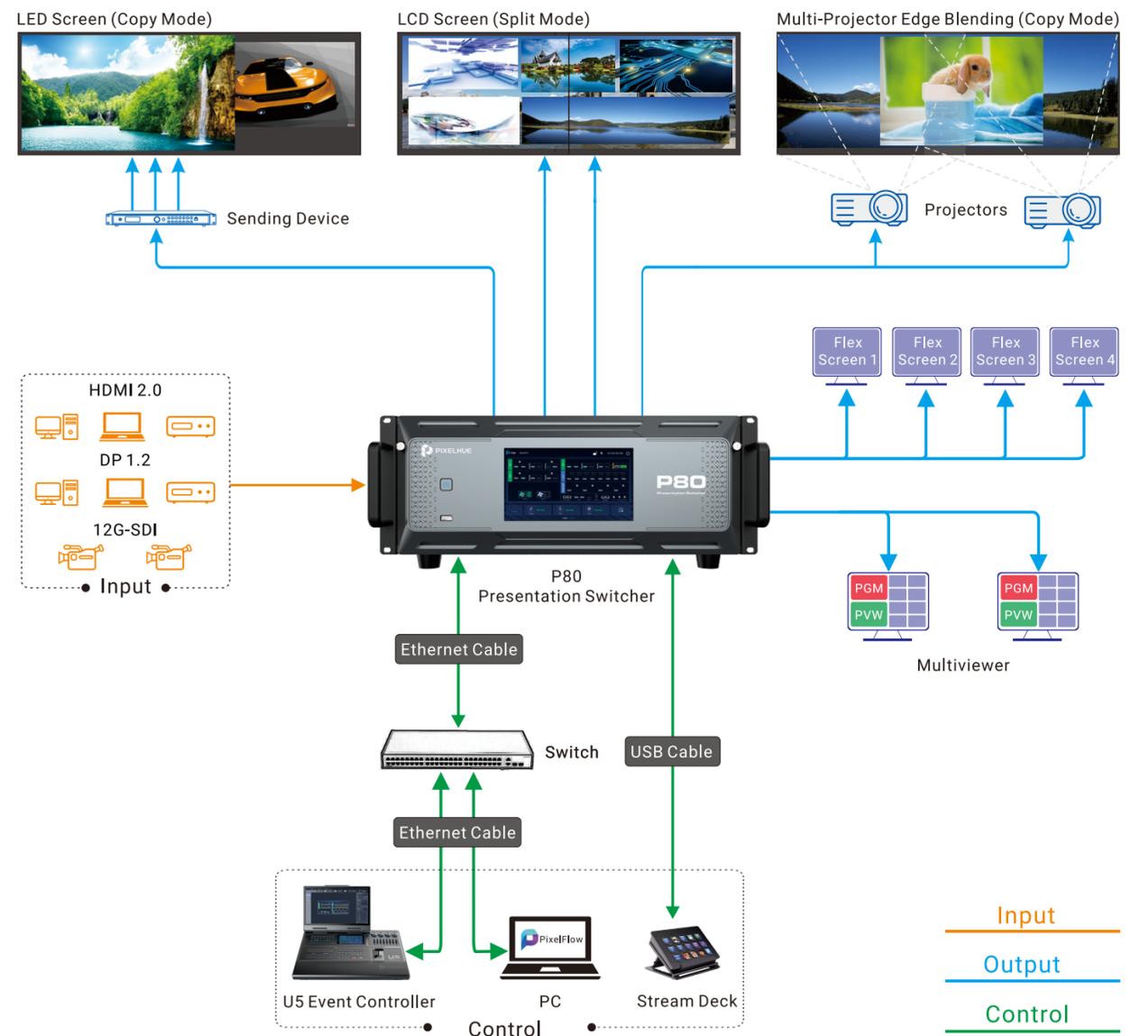| No.	Name	Description
1	Power Button	Press the button to power on/off the device. To power off the device, press the button and select **OK** in the confirmation dialog box displayed on the front panel LCD.
2	USB 2.0	A USB 2.0 (Type A) port used to update the firmware, import and export files such as logs, projects, images, connect to Stream Deck, etc.
3	LCD Screen	A 7-inch graphical touchscreen for displaying all the menus, submenus and messages
4	Input Connectors	Two fixed input cards containing the following connectors: • 4x HDMI 2.0 • 4x HDMI 2.0/DP 1.2 (Only one can be selected as the input source at the same time.) • 4x 12G-SDI
5	Swappable Input Card	A swappable input card P_HDMI2.0_DP1.2_OPT Link Card containing the following connectors: • 2x HDMI 2.0 • 2x HDMI 2.0/DP 1.2 (Only one can be selected as the input source at the same time.) • 2x OPT (100G)
6	Main Output Connectors	• 8x HDMI 2.0: Two HDMI connectors form a group, serving as a main output • 8x OPT ports for copying the HDMI 2.0 main outputs
7	Flex and Matrix Output Connectors	• 4x HDMI 2.0 flex outputs • 4x 12G-SDI matrix outputs
8	Control Connectors	• 2x Gigabit Ethernet ports for device control • 2x HDMI 2.0 for Multiviewer • 2x USB 3.0 (1x Type A and 1x Type C) for USB device connection • 2x Gigabit Ethernet ports for Dante audio networking • 1x LTC IN • 1x Genlock input and 1x Genlock output
9	Power Connectors	Two AC power connectors (100-240V, 50/60Hz) One for primary power supply and the other for backup

• In copy mode, the two HDMI output connectors within a group copy each other's output content. In split mode, the two HDMI connectors within a group collaborate to output content and the resolution of each connector is half of the output content.
• The P80 presentation switcher can work with the U5 or U5 Pro event controller. The following uses the U5 as an example.

LED Screen (Copy Mode)

LCD Screen (Split Mode)

Multi-Projector Edge Blending (Copy Mode)

Sending Device

Projectors

HDMI 2.0
DP 1.2
12G-SDI
● Input ●

Flex Screen 1　Flex Screen 2　Flex Screen 3　Flex Screen 4

P80 Presentation Switcher

PGM / PVW

PGM / PVW

Multiviewer

Ethernet Cable

Switch　USB Cable

Ethernet Cable

U5 Event Controller　　PC　　Stream Deck

PixelFlow

Control

Input
Output
Control

* All the product pictures shown in this guide are for illustration purposes only. Actual product may vary.

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P80+PixelFlow

Configure Devices

Users can configure the device information.

❶ Select the **Device** tab from PixelFlow.
❷ From the device list on the left, select the target device.
❸ On the right of the page, configure the device information as required.

Configure Screens

Users can add screens and add desired outputs to the screens.

❶ Select the **Screen** tab from PixelFlow.
❷ Click **Add Screen** to add a screen.
❸ Drag one or more output connectors from the bottom to the canvas.
❹ On the right of the page, set screen properties as required.

Add Layers

Users can add layers to screens and set the layer properties.

❶ Select the **Programming** tab from PixelFlow.
❷ Drag an input source, PGM, or image from the gallery on the left to the screen to add a layer.
❸ On the right of the page, set the layer properties as required.
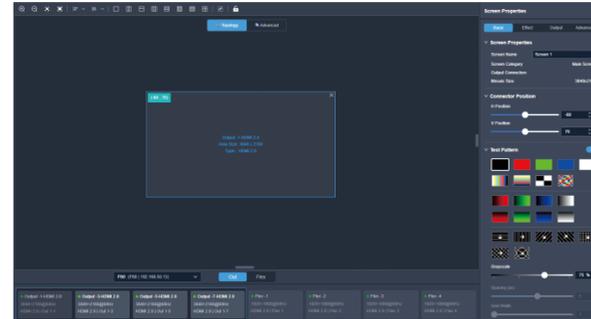
Switch from PVW to PGM

- Swap: Swap the contents on the PVW screen and PGM screen.
- Copy: Copy the content on the PVW screen to the PGM screen.
- Cut: Switch the content on the PVW screen to the PGM screen with no transition effect.
- Take: Switch the content on the PVW screen to the PGM screen with a specified transition effect. Users can specify the transition duration.
- T-Bar: Switch the content on the PVW screen to the PGM screen with a specified transition effect. Users can control the transition duration by dragging the virtual T-Bar.

Recall Presets
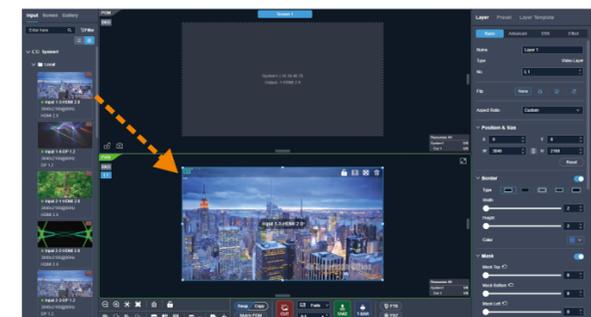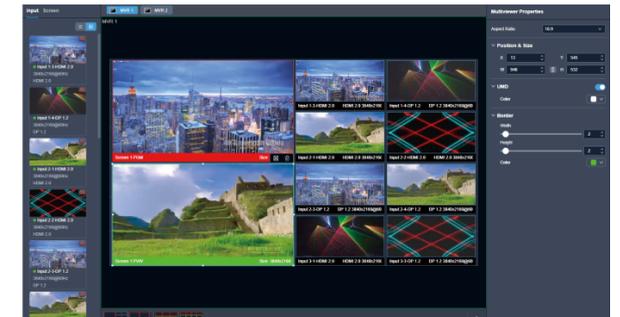
Users can save presets for quick recall during events.

❶ Select the **Programming** tab from PixelFlow.
❷ Select **Preset** on the right of the page that appears.
❸ On the **Preset** page, do the following as required:
  - Click **Add** at the bottom to save a preset.
  - Click a preset to load it to the PVW or PGM screen.

Set Multiviewer

The P80 supports live monitoring of all the input sources, PVW and PGM.

❶ Select the **Multiviewer** tab from PixelFlow.
❷ Choose a Multiviewer template from the bottom of the page, or drag input sources, PVW and PGM screens from the left to the Multiviewer windows.
❸ On the right of the page, set window properties as required.

* All the software pictures given in this guide are for illustration purposes only. The actual user interface may vary slightly due to product enhancement. The content of the pictures can be slightly different from reality, such as the form and position of software windows, input source images and more.