P10 Seamless Switcher
Quick Start Guide

PIXELHUE

Buttons and Connectors

Front Panel
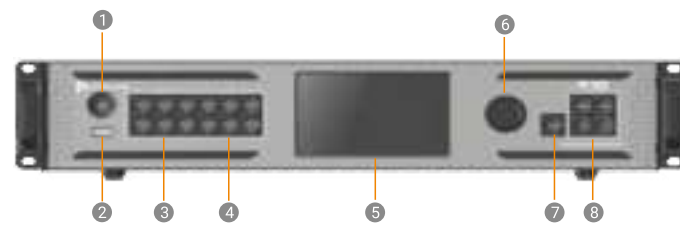
Rear Panel

No.	Name	Description
①	Power Button	Turn on/off the device. To turn 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 project files, EDID files, BKG files, LOGO files and logs.
③	Source Buttons	Press a button to access the input settings menu or select the source. These buttons can also be used to enter numbers.
④ ⑤	Layer Buttons	Press a button to open the layer and access the layer settings menu. Press and hold the button to close the layer. These buttons can also be used to enter numbers.
	LCD Screen	A 5-inch graphical LCD screen for displaying all the menus, submenus and messages of the P10.
⑥	Knob	• Rotate the knob to scroll up or down through the menus. Press the knob to select menu items. • Press and hold the knob and **BACK** button simultaneously for 3s or longer to lock or unlock the front panel buttons.
⑦	BACK	Return to the previous menu or cancel the current operation.
⑧	Function Buttons	• PRESET: Press the button to access the preset settings menu. • SCALE: Press the button to enable or disable full screen scaling for the layer at the back of the Z-order. • FN: A custom shortcut button • TAKE: Press the button to switch content from the PVW screen to PGM screen with a specified transition effect.
⑨	INPUT 1 to 4	Each includes 1x DP 1.2/HDMI 2.0. When two connectors have signals, only one can be used as the input source at the same time.
⑩	INPUT 5 to 6	Each includes 1x 12G-SDI IN & LOOP.
⑪	OPT	Optical fiber ports for copying the output of two HDMI 2.0 connectors. • OPT 1 and 2 copy the output of HDMI connector 1. • OPT 3 and 4 copy the output of HDMI connector 5.
⑫	AUDIO	3.5 mm audio jacks including 2x line in and 2x line out (The audio function will be available after Q3 of 2023.)
⑬	OUTPUT	Video output connectors SL: • In switcher mode, connectors 1, 2, 3 and 4 work as primary connectors for 2K output and connectors 5, 6, 7 and 8 copy connectors 1, 2, 3 and 4, respectively. • In PGM only mode, eight connectors can work as primary connectors for 2K output. 4K: • In switcher mode, connector 1 works as primary connector for 4K output and connector 5 copies connector 1. • In splicer mode, connectors 1 and 5 can work as primary connectors for 4K output.
⑭	MVR	Connect to the Multiviewer screen. The output resolution is fixed at 1920×1080@60Hz.
⑮	AUX	Connect to auxiliary devices such as teleprompters. The output resolution is fixed at 1920×1080@60Hz.
⑯	ETHERNET	Gigabit Ethernet ports for control and input view
⑰	GENLOCK	Genlock signal input and loop output
⑱	Power	AC power connector and rocker switch

Applications

Switcher Mode: The following uses 4K output as an example. One output connector works as primary and the other works as backup. The P10 can work with the U5 or U5 Pro event controller. The U5 is used as an example.
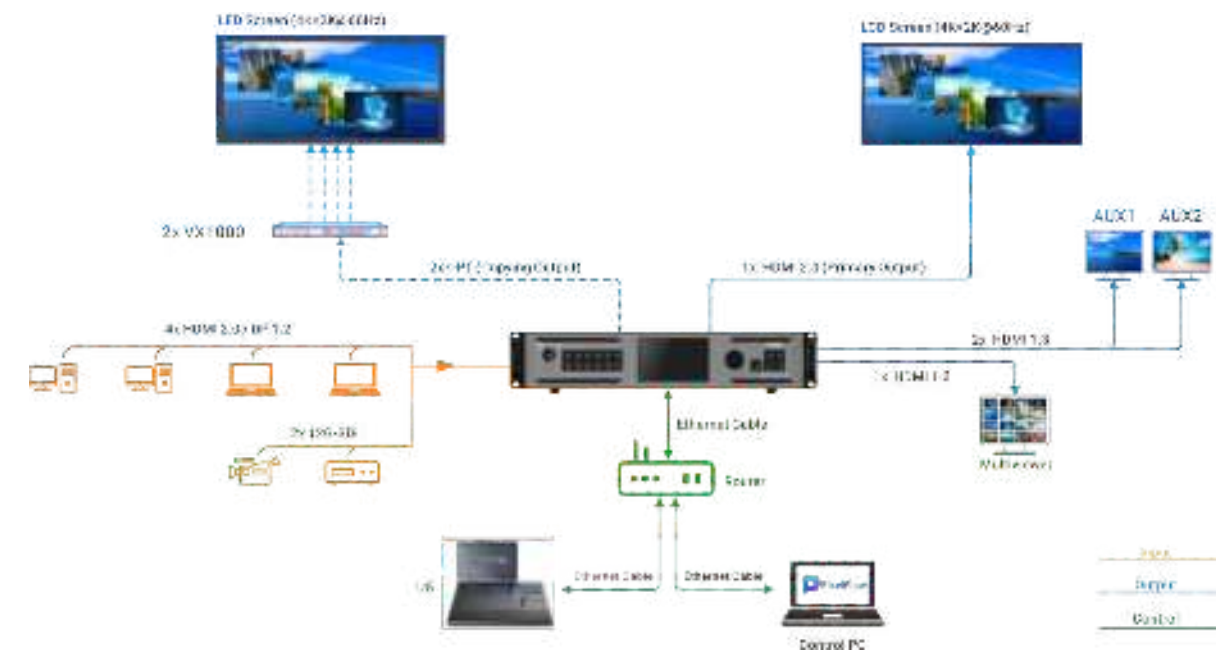
PGM Only Mode: The following uses 4K output as an example. Two output connectors work as primary. The output capacity is up to 8K×2K@60Hz. The P10 can work with the U5 or U5 Pro event controller. The U5 is used as an example.
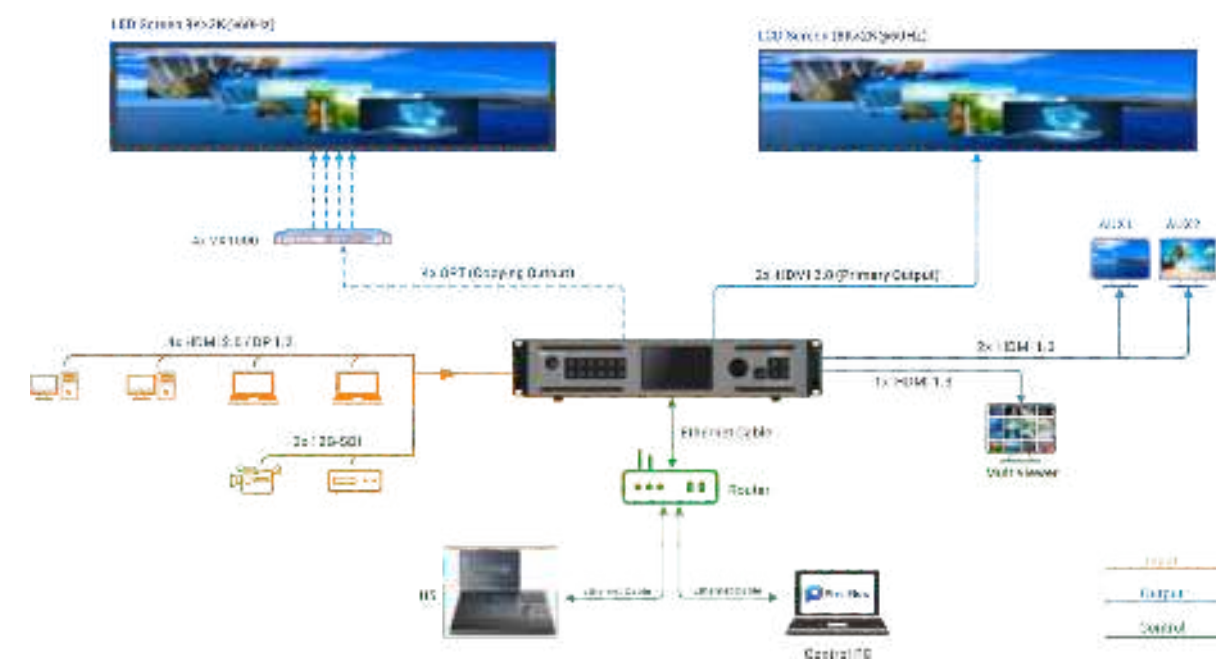
* The product pictures shown in this guide are for illustration purpose only. Actual product may vary.

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P10+U5+PixelFlow

Change Working Mode

The P10 can work in switcher mode or PGM only mode. Users can switch between the two modes as required.

❶ Select **Device** on the left of PixelFlow homepage.

❷ On the right of the page that appears, set **Working Mode** to **Switcher** or **PGM Only**.

Working Mode	Switcher ✓
	Switcher
✓ Time	PGM Only ✓

Configure Screens

The P10 supports one common screen and two AUX screens. Users can set the connector layout, add and replace connectors for the common screen. The relationships between AUX screens and AUX outputs are fixed.

❶ Select **Screen** on the left of PixelFlow homepage.
   The common screen is selected by default.

❷ At the top of the editing area, tap a layout template icon or customize a layout by specifying the number of rows and columns.

❸ Drag an output to the canvas to complete screen configuration.
   To change the output, drag another output to the target area.

❹ On the right of the page, set screen properties as required.

Add Layers

The PGM output of the P10 supports up to 6 layers including 2x 4K@60Hz layers and 4x 2K@60Hz layers, or 3x 4K@60Hz layers.

Each AUX screen supports only one layer that fills the screen and cannot be resized and repositioned. The AUX screens can be used as teleprompters.

❶ Select **Programming** on the left of PixelFlow homepage.

❷ Tap a screen name to select the screen, or select **Multiple select** and tap to select multiple screens.

❸ Add layers to the screen.
   • Common screen: Drag an input source to the screen to add a layer.
   • AUX screen: Drag an input source or PGM to the screen to add a layer.
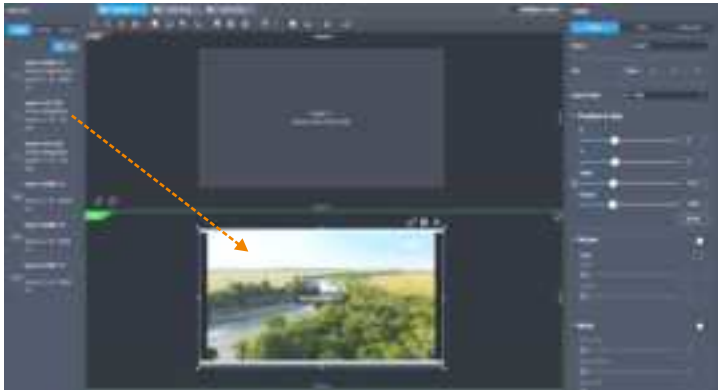

Switch from PVW to PGM

• Swap: When this option is selected, the contents on the PVW screen and PGM screen are swapped after the switching. When this option is not selected, the content on the PVW screen is copied to the PGM screen after the switching.

• 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. The effect duration can be specified.

• 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.

Set Multiviewer

The P10 supports live monitoring of all the input sources, PVW and PGM screens. Users can choose any of the provided Multiviewer layout templates. The layout cannot be customized.

❶ Select **Multiviewer** on the left of PixelFlow homepage.

❷ Select a layout template from the bottom of the page.
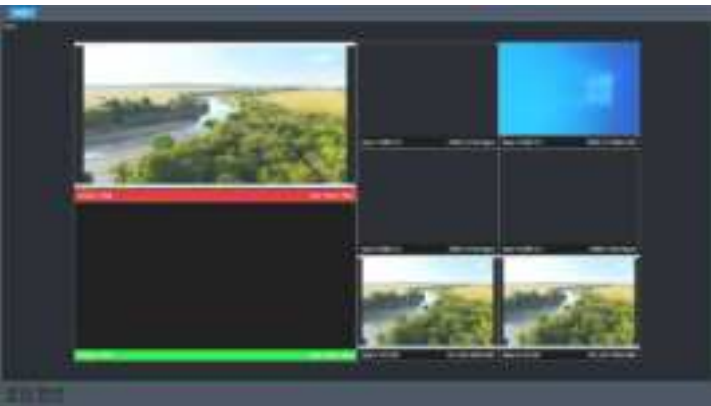
Switch Between Presets

Up to 128 presets can be saved by the P10. A preset includes screen and layer information. Presets can be quickly loaded.

❶ Select **Presets** on the left of PixelFlow homepage.

❷ On the right of the page, tap a preset on the preset list to load it.
   • Switcher mode: The preset is loaded to the PVW screen. Go to step 3.
   • PGM only mode: The preset is loaded to the PGM screen and no further action is required.

❸ Tap **Cut** or **Take**, or tap **T-Bar** and drag the virtual T-Bar to switch content from the PVW screen to PGM screen.

* The software pictures given in this guide are used 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.