



4K Live Production Switcher

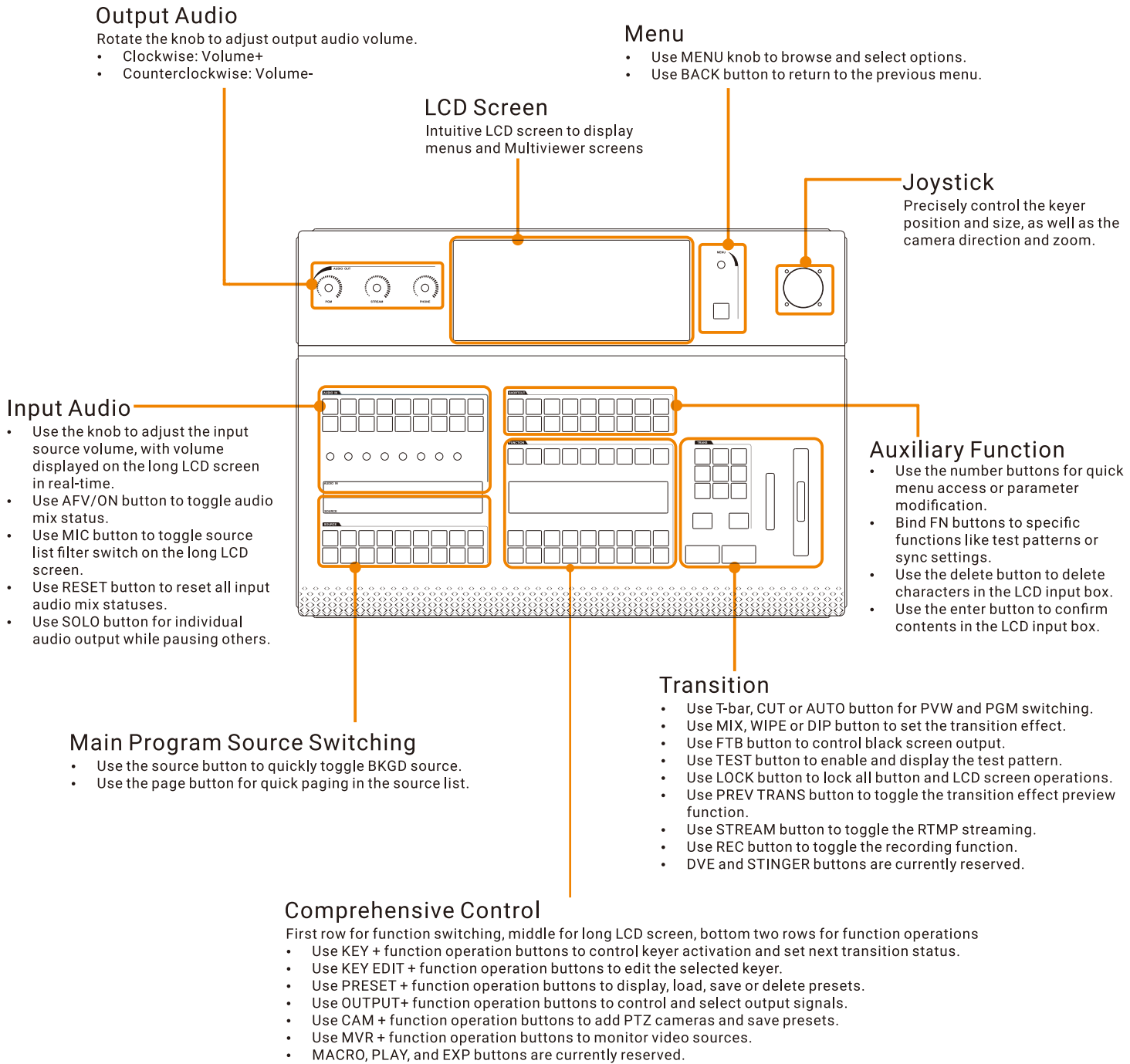
Quick Start Guide

*All descriptions and procedures in this document are based on S16.

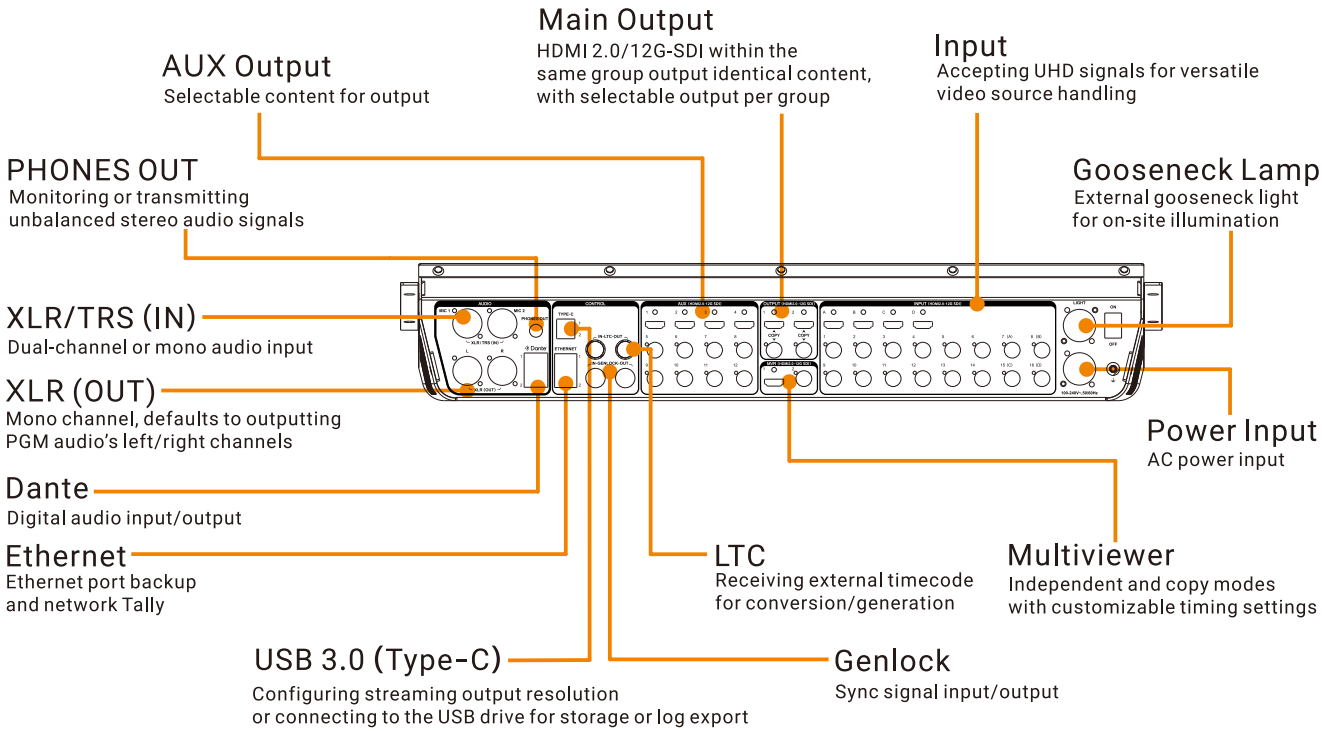


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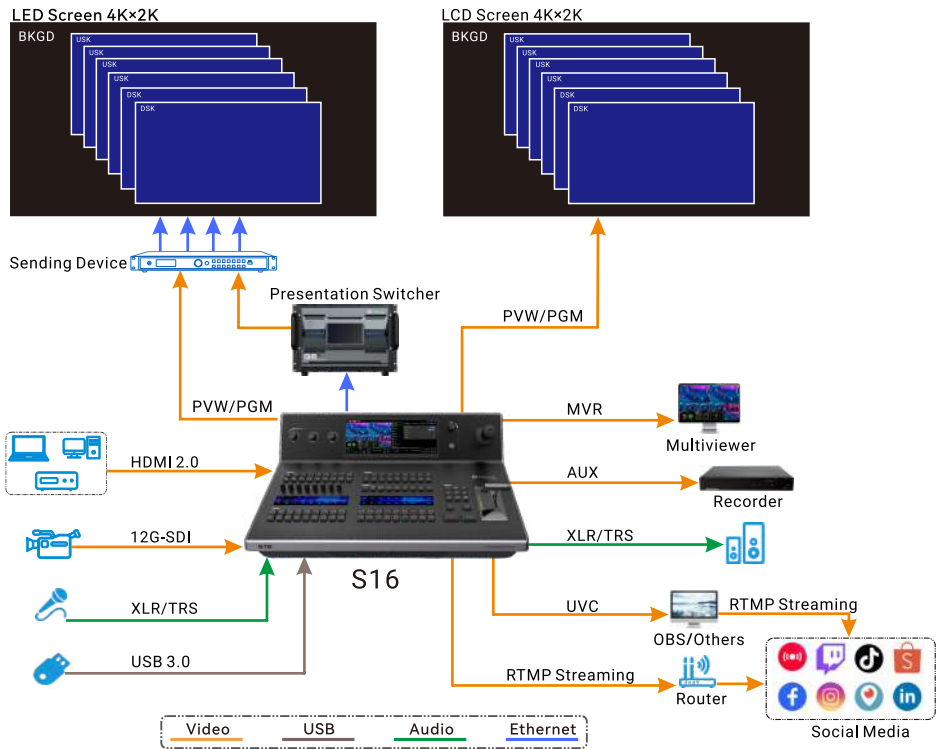
Front Panel



Rear Panel



Applications



* The pictures shown in this document are for illustration purpose only. Actual product may vary due to product enhancement. Please visit PIXELHUE official website or scan the QR code in this document to get the latest product information.



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Basic Operations

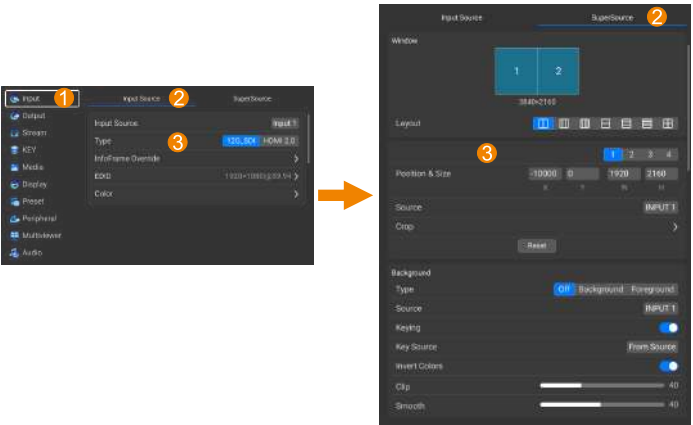
Input and Output

Configure and manage the signal input and output, ensuring correct transmission and display of signals.

Input

LCD Operations

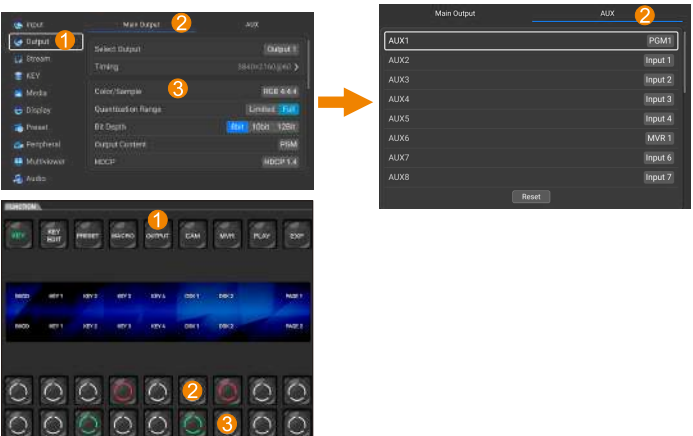
- 1 Select **Input** from the LCD menu.
- 2 Select the input source type, including **Input Source** and **SuperSource**.
- 3 Configure related parameters for the selected input source.
 - Input Source: Configure the input source, connector type, resolution, frame rate, and color parameters.
 - SuperSource: Configure related parameters to form a SuperSource, such as window position, size, and background.



Output

LCD Operations

- 1 Select **Output** from the LCD menu.
- 2 Select the output type, including **Main Output** and **AUX**.
- 3 Configure related parameters for the selected output.
 - Main Output: Configure related parameters, such as timing, content, color space, and bit depth.
 - AUX: Configure the output content, such as input source, SuperSource, internal source, PVW, PGM, MVR, Clean Feed.



Button Operations

In the **FUNCTION** area, perform the following actions:

- 1 Press **Output** button to switch the keys on the 2nd and 3rd rows to the output function page.
- 2 Press the button on the 2nd row to select the output connector to configure, including the main output and AUX.
- 3 Press the button on the 3rd row to change the source for the selected output connector.

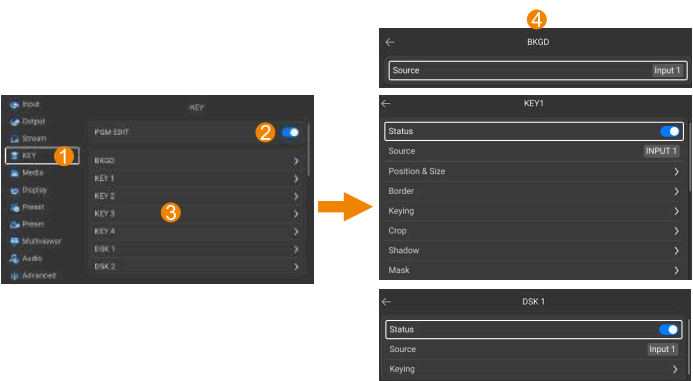


KEY

Configure and manage keys, including adjustments to the keyer position and size, as well as the application of masks and shadows.

LCD Operations

- 1 Select **KEY** from the LCD menu.
- 2 Use **PGM EDIT** switch to toggle the KEY editing function within the PGM area.
- 3 Select the keyer type, including **BKGD**, **KEY** and **DSK**.
- 4 Configure related parameters of the selected keyer.
 - BKGD: Specify the BKGD source.
 - KEY: Configure the status, source, position & size, border, keying, source cropping, shadow, and mask settings of the upstream keyer.
 - DSK: Configure the status, source, and keying settings of the downstream keyer.



Button Operations

BKGD Source Switching

- 1 In the **SOURCE** area, press the button on the 1st row to switch the PGM main program (BKGD) to the source displayed above the button.
- 2 Press the button on the 2nd row to switch the PVW main program (BKGD) to the source displayed above the button.

Keyer Switching

- 1 In the **FUNCTION** area, press **KEY** button to switch the buttons on the 2nd and 3rd rows to the keyer function page.
- 2 Press the button on the 2nd row to control the activation of the PGM keyer.
- 3 Press the button on the 3rd row to set the keyer state for the next transition.

Keyer Editing

- 1 In the **FUNCTION** area, press **KEY EDIT** button to switch the buttons on the 2nd and 3rd rows to the keyer editing function page.
- 2 Press the button on the 2nd row to toggle the selection status of the keyers. Once a keyer is selected, the joystick can be used to adjust its position and size.
- 3 Press the button on the 3rd row to change the source for the selected keyer.

PVW to PGM

LCD Operations

- 1 Select **Display** from the LCD menu.
- 2 Configure the switching mode.
 - Swap: Exchange the contents of PVW and PGM.
 - Copy: Duplicate the contents of PVW into PGM.
- 3 Configure the transition effect.

Button Operations

In the **TRANS** area, perform the following actions:

Press **CUT** or **AUTO** button to transition between PVW and PGM, or manually push the T-Bar for switching.

- CUT: Send the contents of PVW to PGM without any transition effects.
- AUTO: Send the contents of PVW to PGM with a specified effect and a defined duration.
- T-Bar: Send the contents of PVW to PGM with a specified effect, with the duration determined by the time the T-Bar is pushed.



Audio

LCD Operations

- 1 Select **Audio** from the LCD menu.
- 2 Configure related parameters, such as audio input, mix status, SOLO switch, and phantom power switch (applicable to microphone input).

Button Operations

Input Audio: In the **AUDIO IN** area, perform the following actions:

- Press **AFV/ON** button to cycle through audio mix statuses, including AFV, On, and Off.
- Press **RESET** button to restore all input audio mix statuses to defaults.
- Press **SOLO** button for individual audio output while pausing others.
- Rotate the knob to adjust the mix volume of the input source.

Output Audio: Adjust the audio volume by rotating the **PGM/STREAM/PHONE** knob in the **AUDIO OUT** area.

