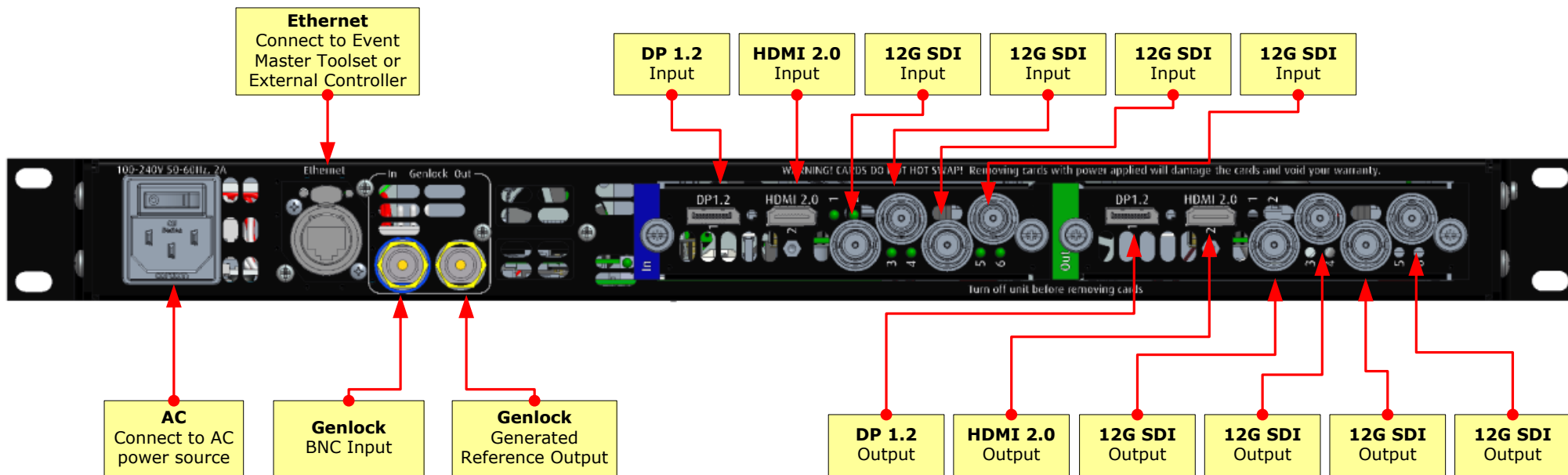


### ImagePRO-4K Video Processor: Rear-Panel Setup



### Quick install and setup

#### Getting started

- 1 **Connect power** — Ensure that power is properly connected to the ImagePRO-4K.
- 2 **Connect inputs** — Connect all input sources to the ImagePRO-4K.
- 3 **Connect outputs** — Connect the output(s) on the ImagePRO-4K to your projector(s) or other target devices.
- 4 **Turn on power** — Turn on power to the ImagePRO-4K, your projector(s), and to all peripheral equipment.

**Note:** To enter the Setup menu press the Adjust Knob.

- 5 **Factory reset** — If you are using the ImagePRO-4K for the first time, or if you are using an ImagePRO-4K that has just returned from an event, perform a full factory reset to restore default system configurations.  
Press the Adjust Knob to enter the Setup menu, then select **Reset / Factory** on the display screen. **Reset / Soft Reset** keeps the user settings.

#### Setting up outputs

- 6 **Native Rate** — On the front panel, press the Adjust Knob to enter the Setup menu, then select **Setup / System menu** and select the desired Native Rate.
- 7 **Assign primary output** — If the primary output is DP, proceed to the next step.  
If your primary output is HDMI/SDI, go to **Setup / Output / AUX Adjustment** and update the primary output.
- 8 **Adjust output format** — Go to **Setup / Output / AUX Adjustment** and update the output format.
- 9 **Test output** — Turn on a test pattern, verify that you have an image, and make any necessary adjustments. When complete, turn off the test pattern.

#### Setting up an LED display

- 10 **Position and adjust the image** — Use the LED Setup Menu to position the image on the LED wall or other display device, scale the image, adjust **Pan** and **Zoom** settings, and save your view.

#### Setting up inputs / source

- 11 **Set and adjust inputs / source** — Select inputs / sources and make any necessary adjustments to color balance, timings, and so on.

**Note:** The ImagePRO-4K automatically acquires and configures inputs.

- 12 **Save input / source configurations** — After adjusting an input / source, save the input /source configuration.  
Repeat steps 11 and 12 for each input / source.

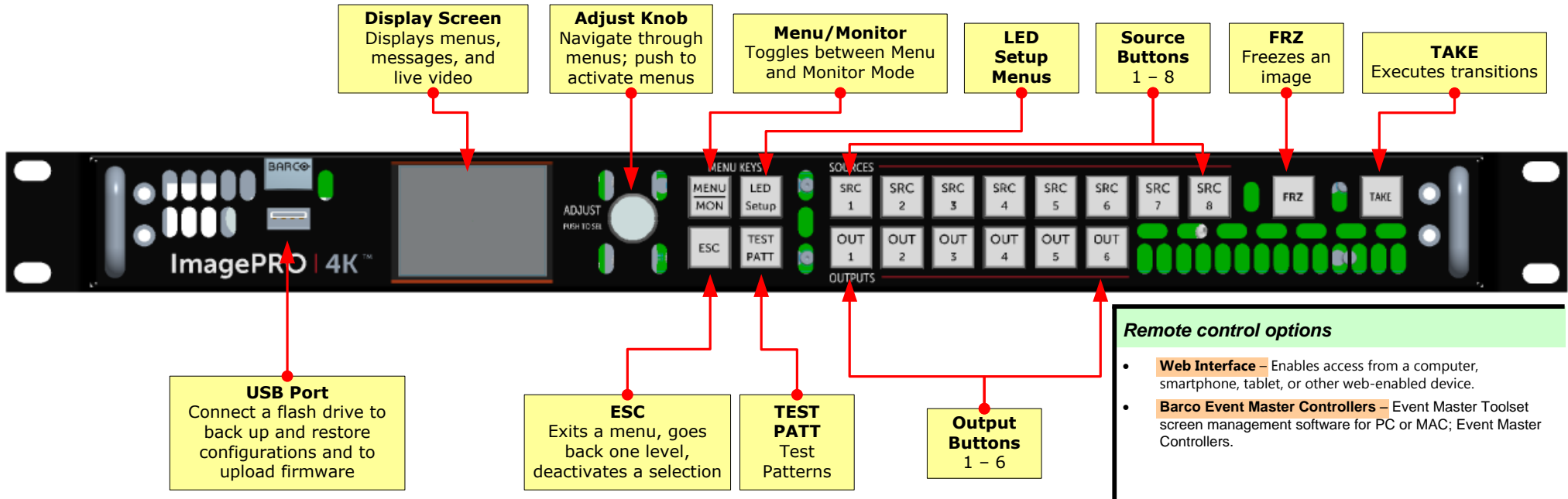
#### System settings

- 13 **Adjust and save system settings** — Adjust system parameters such as Ethernet settings and HDCP parameters.
- 14 **Save All** — Select **Save All**. **Save All** is the last menu item on the Setup page. **Save All** writes system settings to non-volatile memory.

#### ImagePRO-4K User's Guide

For complete details on all installation and operations procedures, please refer to the *ImagePRO-4K User's Guide* (R5906167).

### ImagePRO-4K Video Processor: Front-Panel Setup



#### Remote control options

- Web Interface** – Enables access from a computer, smartphone, tablet, or other web-enabled device.
- Barco Event Master Controllers** – Event Master Toolset screen management software for PC or MAC; Event Master Controllers.

#### Features overview

- 1RU rack-mount chassis
- Resolution up to 4096 x 2160 @ 60
- 4:4:4, 10-bit color (DP 1.2)
- Up to 6 inputs, each independently scaled to a different output resolution
- DisplayPort 1.2 I/O
- HDMI 2.0/HDCP 2.2 I/O
- 1.5G/3G/6G/12G SDI I/O
- Up to 2x 4K60 inputs and outputs simultaneously
- Dedicated Genlock BNC connector
- Ethernet connection on the rear panel
- A USB port on the front panel
- Programmable input EDID
- Sync output
- Custom output formats
- Output rotation (90/180/270 degrees)
- Seamless cut transition or fade through matte color or a logo

#### Adjust Knob and Display screen

**Press the Adjust Knob** to enter menus on the display screen and to make selections.

**Turn the Adjust Knob** to scroll up or down through the menus on the display screen.

#### Source-button states

- Brightly lit – Button is selected.
  - Green** –Signal is active and assigned to PVW.
  - Yellow** –Input source, still, logo, or matte color is present.
  - Amber** –Signal is active on the PGM outputs.
  - Red** –Loss of sync (LOS).
  - Blue** –Source is frozen.
  - Cyan** –A cue is mapped to the button (future).
  - Magenta** –A user key is mapped to the button (future).
  - White** –A preset is mapped to the button.
- Dimly lit – Source is mapped but not active.
- Not lit – Button is not mapped.

#### Output-button states

- Lit – Button is mapped, selected, or frozen.
  - Green** –Button is mapped to an Aux.
  - Amber** –Aux is selected to view in the front-panel monitor.
  - Blue** –Aux is frozen.
- Not lit – Button is not mapped.

#### Overview of key operations menus

**Input Menu** – Set input format; adjust brightness and contrast; adjust aspect ratio; set color balance; size the image; save and manage input configurations; manage Input HDCP settings.

**Output (AUX) Menu** – Set output format; detect output EDID; create an Area of Interest; adjust timing and colorspace; set effects such as sharpness, strobe mode, color inversion; manage Output HDCP settings.

**Still Menu** – Capture, rename, and delete stills. Set selected still as logo.

**Preset Menu** – Store and recall presets.

**Transition Menu** – Set transition timing and effects.

**Button Mapping Menu** – Map source and output buttons. SRC 1 – SRC 6 default to the inputs of the Tri-Combo input card; SRC 7 defaults to “Matte”; and SRC 8 defaults to “Logo.”

OUT 1 – OUT 6 default to OUT 1 as Aux Channel A, OUT 2 as Aux Channel B; OUT 3 – 6 are not mapped.

**System Menu** – Set system mode and parameters including Operation Mode and Native Rate; manage Genlock settings; USB Backup/Restore of configurations; set Ethernet options; lock front panel; run diagnostics.

**Custom Format Menu** – Create, save, delete custom input and output formats.

**LED Setup Menu** – Quickly set up output area of interest, input scaling, and save the settings.

**Factory Reset** – Restore factory default settings. Optionally, keep IP address and EDID settings.

**Firmware Upgrade** – Update ImagePRO-4K firmware from a flash drive.