



Ystreamer

Leverages next-generation dual-channel capture in one UVC



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Product Overview

Ystreamer is the industry's first compact desktop device that captures two independent channels of 4K60 HDMI 2.0 video and audio simultaneously. It streams both channels directly to live production software (e.g., OBS, vMix) or conferencing platforms (e.g., Teams Meeting) using a single UVC cable connection.

Unlike traditional capture cards and consoles-which typically require two separate external devices, twice the cabling, and twice the number of host I/O ports-Ystreamer leverages next-generation encoding and decoding technology to deliver a streamlined, dual-channel capture solution that creators and professionals have long needed.

Key Features

- Dual-Channel HDMI 2.0 Video Capture Card & 9-Channel Audio Mixer
- Dual HDMI 2.0 Inputs with Independent Loop-through Outputs
- Captures dual 4K UVC streams on a single USB-C cable to the software such as OBS and vMIX
- 9-Channel Professional Audio Mixer
- Supports 48V Phantom Power for condenser microphones, dynamic microphones, and instruments (e.g., electric guitar, bass)
- User-friendly Control Keyboard featuring dedicated keys for volume adjustment, mute, recording, privacy (black screen), and page navigation, plus 6 customizable user keys.

In the Box

1×35W PD Power Adapter
1×5A USB-C Cable

Ports info

Rear Panel



No.	Items	Description
1	USB-C Power Port	Supports PD protocol, 12V 2.5A.
2	UAC Input & Output	1. As audio input, can be connected to lavalier microphone input. 2. Main audio output, can be connected to PC conferencing software, streaming software, recording software, etc. for audio capture. Two audio output modes available: 1. Mix Mode: Mixes all input audio for output 2. Multi-track Mode: Transmits TRS, MIC, TRRS, HDMI1, HDMI2, Bluetooth, USB 1, and MIC (built-in MIC) as independent tracks via USB 2 port.
3	UVC Output & UAC Input/Output	1. As UVC output, can simultaneously capture 2 HDMI 2.0 inputs. When connected to PC streaming software or video editing software, can capture two channels up to 4096×2160@60Hz in MJPEG or H.264 encoding, or 2 channels of 4096×2160@30Hz in YUY2 encoding. 2. As audio input, can be connected to lavalier microphone input. 3. As auxiliary audio output, fixed to mix output of all input audio. Input sources can be muted/unmuted, and output volume is adjustable.

4	HDMI 1 Input	HDMI 2.0 standard, can be connected to PC graphics cards, 4K cameras, etc.
5	LOOP 1	Loop-through output of HDMI 1, can be connected to 4K monitor.
6	HDMI 2 Input	HDMI 2.0 standard, can be connected to PC graphics cards, 4K cameras, etc.
7	LOOP 2	Loop-through output of HDMI 2, can be connected to 4K monitor.
8	Analog Audio Input & Output	3.5mm TRRS port, for connecting headsets.
9	Analog Audio Output	6.35mm TRS port, can be connected to headphones or active speakers.
10	Analog Audio Input	6.35mm TRS port, for external audio input from mobile phones, tablets, computers, or other playback devices.
11	Microphone Input	XLR+TRS (¼-inch) Combo input port, for connecting microphones, supports 48V phantom power.

Front Panel



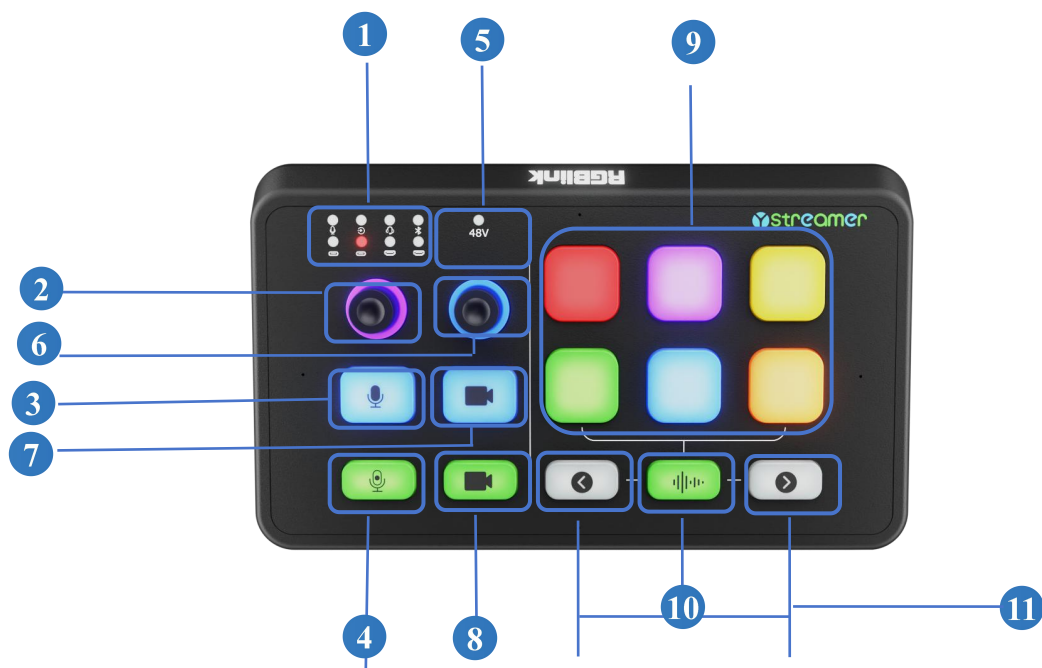
1	LED Light Bar	HDMI Input Lock Indicator Red: No input on either of the 2 HDMI channels Green: At least 1 HDMI channel has active input
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Right Panel



1	+48V Phantom Power Switch	48V power supply switch for condenser microphone . Press and hold for 3 seconds to enable 48V output. The 48V indicator on the panel shows the on/off status.
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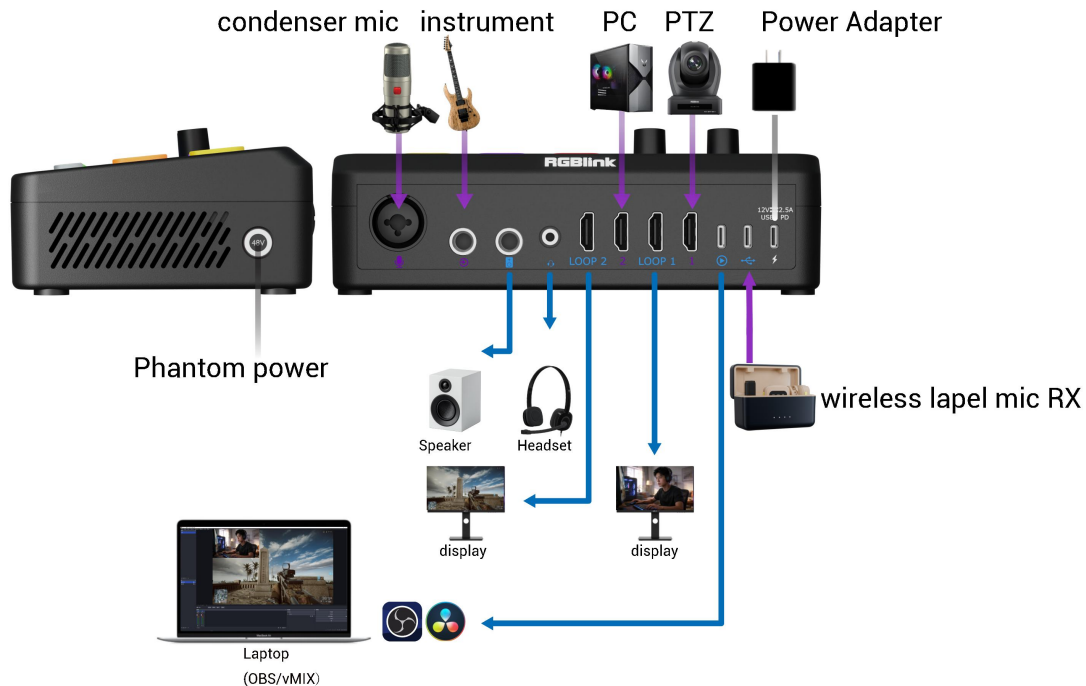
Button Panel



1	Audio Input Source Selection Indicator	Red light indicates the source is selected.
2	Input Volume Adjustment	Rotate the input knob to select a source, press to confirm, then rotate to adjust the selected source's volume. Volume level is indicated by the ring light around the knob: • Active volume portion: Blue • Inactive volume portion: Red • Mute: All red
3	One-Key Mute	Press to instantly mute the selected input source. • Audio output: Blue • Mute: Red
4	Audio Recording Switch	• Recording: Red • Stop recording: Blue
5	48V Phantom Power Indicator	Red light on when phantom power is enabled; red light off when disabled.
6	Output Volume Adjustment	Press to toggle output mute. • Active volume portion: Blue • Inactive volume portion: Red • Mute: All red
7	HDMI 1 UVC Output Black Screen Control	• Output active: Blue • Black screen output: Red
8	HDMI 2 UVC Output Black Screen Control	• Output active: Blue • Black screen output: Red
9	6 Customizable Buttons	Supports 4 pages. 8 factory default sound effects included; all others can be customized via software. Each sound effect is replaceable.

10	Built-in Microphone On/Off Switch	-
11	Page Up / Page Down	Navigate up/down one page

Use Your Product



Refer to the diagram above for the overall device connection. For first-time use, connect in the following order:

1. **Connect signal sources:** Use high-quality HDMI cables to connect your PC or camera to HDMI 1 and HDMI 2.
2. **Connect video monitoring devices:** Use high-quality HDMI cables to connect LOOP 1 and LOOP 2 to monitors respectively, to monitor the video feeds from HDMI 1 and HDMI 2.
3. **Connect microphones:** Connect condenser microphones and electric guitars to XLR and 6.35mm TRS respectively; connect wireless microphone receivers to the corresponding input.
4. **Connect audio monitoring/playback devices:** Connect speakers to the 6.35mm TRS port; connect headsets to the 3.5mm TRRS port. **Important:** If the speakers are powered, to avoid damage during connection, first unplug the speaker power, then connect to Ystreamer, and finally power on the speakers.
5. **Connect outputs:** Use a high-quality USB A-C or full-featured USB C-C cable to connect the UVC output port to your streaming host (desktop or laptop).
6. **Connect power:** Use the included USB-C cable to connect the power port to the included power adapter (PD 35W), then plug the power adapter into a desktop or wall power outlet.



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