

ezcap

QUADA Live Switch

manual



Thanks for purchasing ezcap QUADA live switch. Please read this manual before use and keep it in a safe place for future reference.

ezcap QUADA live switch is a small live production switch that automatically switches view mode between four channel HDMI video sources, and connects it directly to your computer via USB. The computer sees your ezcap QUADA live switch as a webcam. So, it can be streamed online using your favorite online streaming application like OBS Studio. Even though ezcap QUADA live switch is small and portable, you also can get the amazing level of control and professional features so it is very powerful. You can use the high quality buttons on the built in control panel to perform more complex switching.

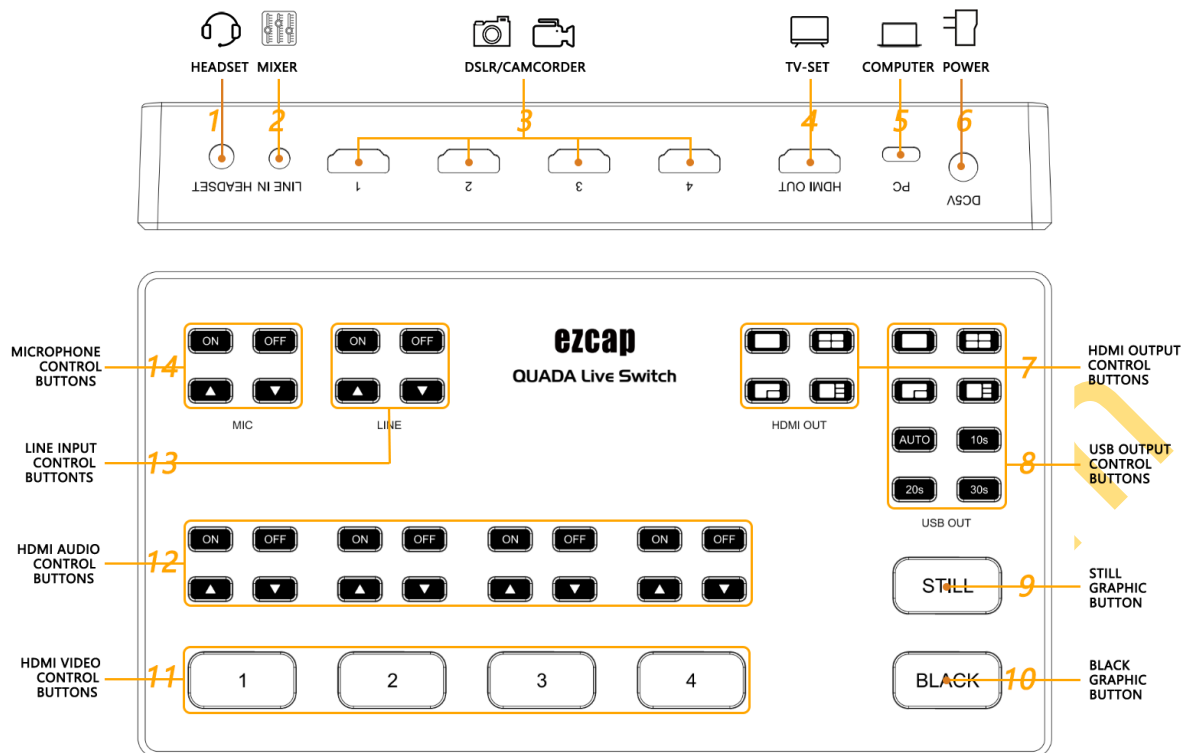
We hope you get have lots of fun with your live production from ezcap QUADA live switch.

Overview

In the Box

ezcap328QUADA Live Switch x1, Manual x1, USB-C to A cable x1, USB-C to C cable x1, 3.5mm audio cable x1, Headset to microphone and earphone cable x1, 5V2A Power supply x1.

Product Overview and Connections



1. **HEADSET** - 3.5mm CTIA headset for microphone input and earphone output, or use included 4-pole to 3-pole audio cable to connect with TRS microphone and earphone.
2. **LINE IN** -3.5mm TRS audio line input, connect to audio source device such as Mixer by included 3.5mm audio cable.
3. **1/2/3/4**—HDMI input, to connect four channel HDMI sources in put by HDMI cable.
4. **HDMI OUT**—HDMI output, to connect to television by HDMI cable to monitor video.
5. **PC**—USB-C port, connect to computer USB 3.0 port by included USB cable.
6. **DC5V**—Connect to 5V/2ADC power adapter.
7. **HDMI OUT** buttons- To switch view mode to monitor video sources status on television.
8. **USB OUT** buttons-To switch streaming video view mode on streaming application, and automatically switch video source following the different interval time.
9. **STILL** button- To still and mute the current streaming video.
10. **BLACK** button- To switch the current streaming video to black view and mute.

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11. **HDMI inputs video switch buttons** – To switch the single channel video for live streaming.
 12. **HDMI inputs audio control buttons** –To control the audio from four channel HDMI inputs.
 13. **LINE** buttons– To control the audio from line in audio.
 14. **MIC** buttons– To control the audio from microphone.

Power-on Default Status

The default view mode of **USB OUT** is single channel mode, and the default is channel 1. The **MIC** and **LINE** default to their last working state. The view mode of **HDMI OUT** default to last working state too.



Start Work

Ready to Work

Plugging in Power: Please plug in the included power supply adapter to DC5V port of device.

Plugging in Video Sources: Plug your HDMI cameras or other HDMI sources into HDMI IN ports

of ezcab QUADA Live Switch.

Plugging in Monitor and Testing Inputs: With your video sources connected, plug a HDMI television into HDMI OUT port of ezcab QUADA Live Switch, and check all the inputs are working.

To check your sources, simply press **One channel view mode** button in **HDMI OUT** area of control panel. With each press, the video on TV will switches from channel one to next, and cycles between channel one to four.

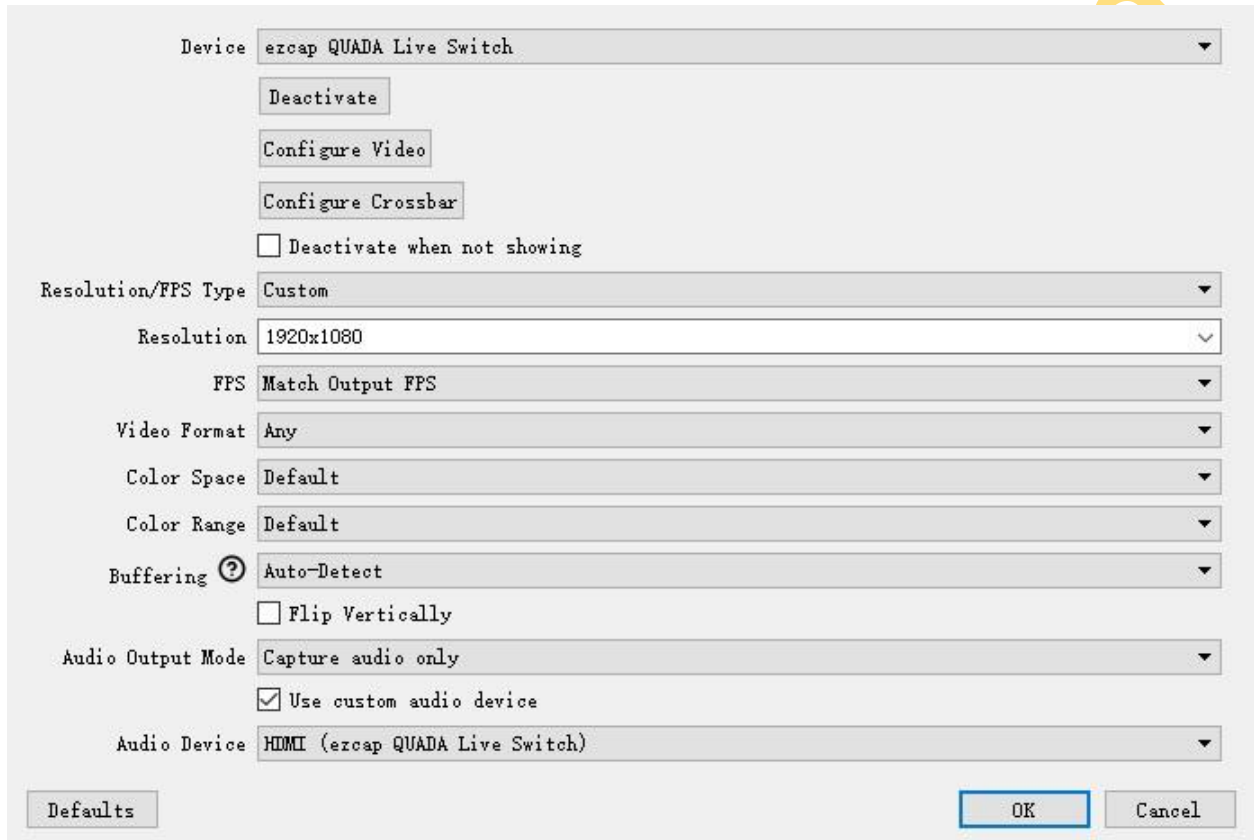


Connect a Headset / Line in Audio and Test: Please plug a headset in HEADSET port of ezcab QUADA Live Switch, and plug a line audio such as music player in LINE IN port. Press **ON** button in **MIC** area of control panel, and you will hear the microphone sound through headset. Press **ON** button in **LINE** area of control panel, and you will hear the line in sound through headset. If you use the standalone microphone and headphone, please use the included headset to microphone and earphone cable to connect them.

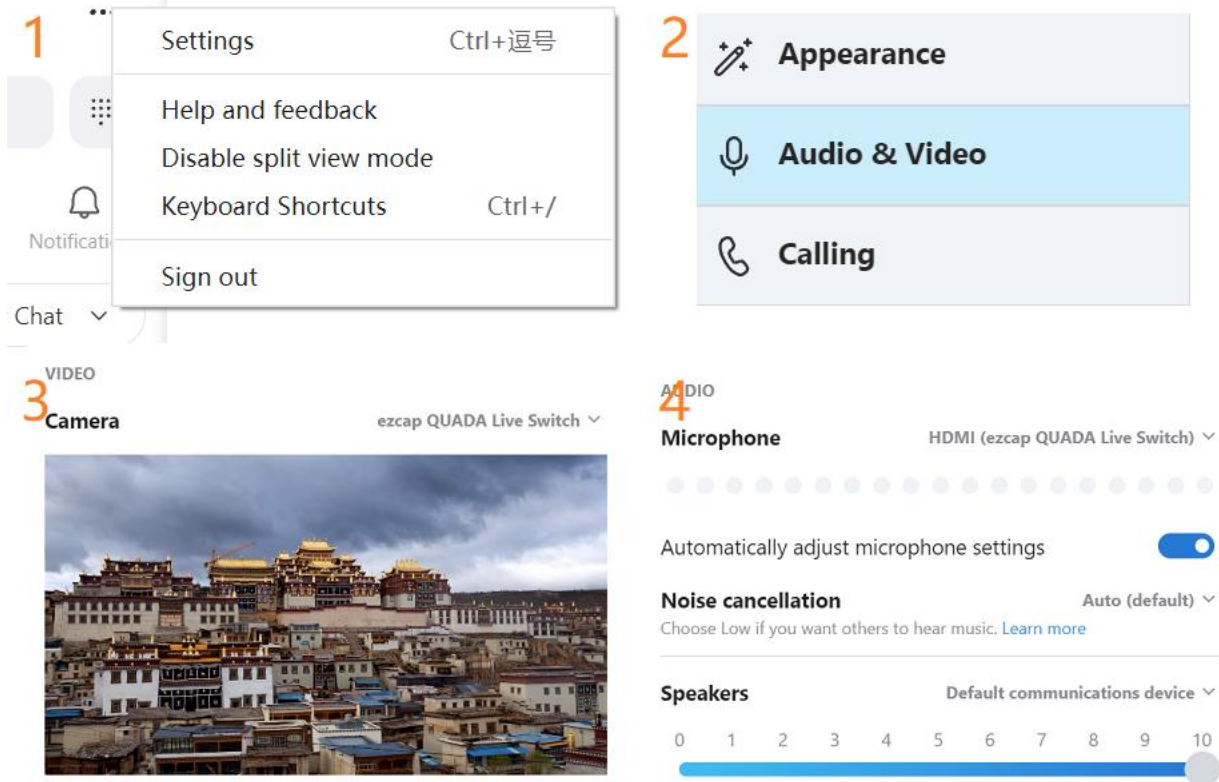


Connecting to OBS or Zoom, and Setting Device Source: Plug ezcab QUADA Live Switch to your computer by included USB cable, and computer will recognize ezcab QUADA Live Switch as a webcam, and you can select it as the webcam source in your streaming program, such as OBS or Zoom. When you launch streaming software, simply set the software to use **ezcab QUADA Live Switch** as the webcam and microphone.

OBS: Click on the + icon of OBS, and select **Video Capture Device**, and click **OK** of new window, then select **ezcap QUADA Live Switch** in **Device** list. Please select **Capture audio only** in the **Audio Output Mode** list. Tick **Use custom audio device**, and select **ezcap QUADA Live Switch** in the **Audio Device** list. You will see the video from ezcap QUADA Live Switch appear in the preview window.



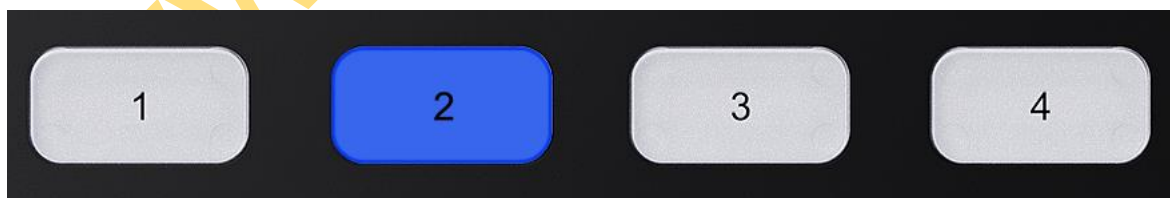
Skype: Click the **settings** of Skype, and select **audio & Video** from the sidebar, click on the **camera** menu and select **ezcap QUADA Live Switch** from the list. You will see the video from ezcap QUADA Live Switch appear in the preview window. Go to **microphone** menu and select **ezcap QUADA Live Switch** as your audio source.



Zoom: Click **settings** of Zoom, click the **video** tab and select **ezcap QUADA Live Switch** from the list, the video from ezcap QUADA Live Switch will appear in the preview window. Click the **audio** tab and select **ezcap QUADA Live Switch** as the microphone.

ezcap QUADA Live Switch is ready to start your live streaming.

Switching Sources Directly



When you switch from one video source (such as channel 1) in your broadcast to another (such as channel 2), a source can be any HDMI video signal connected to the HDMI inputs. Number 1 button is illuminated to indicate that channel 1 is currently live, press number 2 button, and channel 1 will now immediately switch to channel 2, you will see number 2 button illuminated,

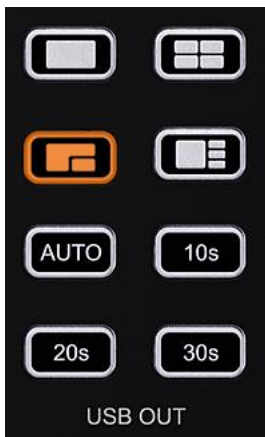
which means channel 2 is now live. You can also press number **3** or **4** button, and you will get the same result as above.

Switching Sources Automatically



When you want to switch video sources such as channel 1 to 4 that you connected automatically, auto switching can help you. Press **AUTO** button, it is illuminated to indicate that live video will automatically cycle your connected channel 1 to 4, and switching every 5 seconds. **10s**, **20s**, and **30s** buttons indicate that the switching interval is 10, 20, and 30 seconds.

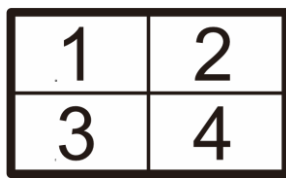
Switching Streaming View Mode – USB OUT



You can press the view mode buttons in **USB OUT** area of control panel to switch streaming view mode between four modes: One channel view mode, Quad-view mode, PIP mode (Picture in Picture), and 1+3 mode. Press any view mode button, streaming video will be switched according to the corresponding mode, and continuous pressing of a same view mode button can switch the window position of each HDMI video channel.



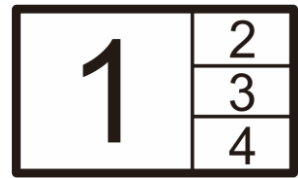
One channel view mode



Quad-view mode



PIP mode



1+3 mode

One channel view mode: Press the **One channel view mode button**, the live screen will switch to channel 1. You can also directly press the **Number 2, 3, or 4** to switch the single live video that you want.

Quad-view mode: press this button to switch the streaming video to quad view as Quad-view mode.

PIP mode: press this button to switch the streaming video to picture in picture of channel 1 and 2, and press again to switch the position of channel 1 and 2.

1+3 mode: press this button to switch the streaming video to quad view as 1+3 mode, and press again to switch the four channels position in a clockwise direction.

Still Graphic or Black Graphic



Press **STILL** button to still and mute the current streaming video, press it again to resume normal live streaming. Press **BLACK** button to switch the current streaming video to black view and mute, press it again to resume normal live streaming. It is an easy way to start and end live broadcasts.

Controlling Audio

When setting up your production or during your broadcast, you will likely want to control audio levels if the sound is too quiet or loud. Pressing **UP/DOWN** arrow buttons for each input will increase or decrease the audio level for the respective source. For example, if the presenter voice is too loud and risks clipping, you can decrease the audio level by pressing the **DOWN** button incrementally until the level is safe.

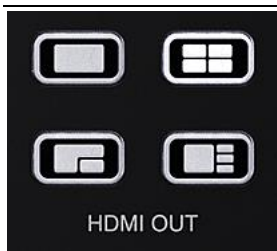


Press the **ON** or **OFF** buttons will let you permanently enable the audio from the respective input source, or turn its audio off completely.

ON: When the input audio is set to **ON**, the input audio will be heard permanently, even if the source is not currently on live streaming.

OFF: When the input audio is set to **OFF**, the source audio will never be heard even if the source video is on live streaming.

Switching Monitor View Mode – HDMI OUT



You can press the view mode buttons in **HDMI OUT** area of control panel to switch monitor view mode on television between four modes.

One channel view mode: Press this button to switch the monitor video to channel 1, and press again to switch to channel 2, 3 and 4.

Quad-view mode, PIP mode (Picture in Picture), and 1+3 mode: Please refer to above **Switching Streaming View Mode – USB OUT**.

Specifications

Interface	USB 3.1 Gen1, USB Type-C
Video Input	HDMI x 4
Audio Input	HDMI embedded x 4, 3.5mm3-pole TRS line input, 3.5mm4-pole CTIA microphone input.
Video Output	HDMI
Audio Output	HDMI,3.5mm4-pole CTIA earphone output.
User Interface	Switch and control buttons and indicators.
Resolution	480p60, 576p50, 720p50/p60, 1080i50/i60, 1080p30/p50/p60
USB Output Format	NV12, YUY2, RGB
Power Supply	DC 5V2A

Dimensions	240(L) × 129(W) × 35(H) mm
Weight	450g

System requirements

Windows 10 x64, USB 3.0 Port x1

Laptop

For 1080p60 recording: Intel Core i7-4810MQ, NVIDIA GeForce GTX 870M or above, 8 GB

Desktop

For 1080p60 recording: Intel Core i5-3330 or above (i7-3770 recommended),

NVIDIA GeForce GTX 650 / AMD Radeon R7 250X or above, 4 GB

Mac system requirement

MacOS High Sierra 10.15 and above, USB 3.0 port

iMac 2019: 3.2GHz 6-core Intel Core i7, Radeon Pro 555X with 2GB of GDDR5 memory, 16GB of 2400MHz DDR4 memory

MacBook Pro 2018: 2.6GHz 6-core Intel Core i7, Radeon Pro 560X with 4GB of GDDR5 memory and above, 16GB 2400MHz DDR4 memory



QUADA 导播台

说明书



型号: ezc328

感谢您购买 ezc328QUADA 导播台。请在使用前阅读本手册并将其保存在安全的地方以备将来参考。

ezc QUADA 导播台是一款小型现场制作切换器，可在四通道 HDMI 视频源之间自如切换各种模式，并通过 USB 直接连接到您的计算机。计算机将 ezc QUADA 导播台视为网络摄像头。因此，它可以使用您最喜欢的直播软件（比如 OBS Studio）在线串流直播。ezcQUADA 导播台虽然小巧便携，但是您仍然可以获得惊人的控制水准和专业功能，因为它非常强大。您可以使用控制面板上的高质量按键来执行更加复杂的切换和控制。

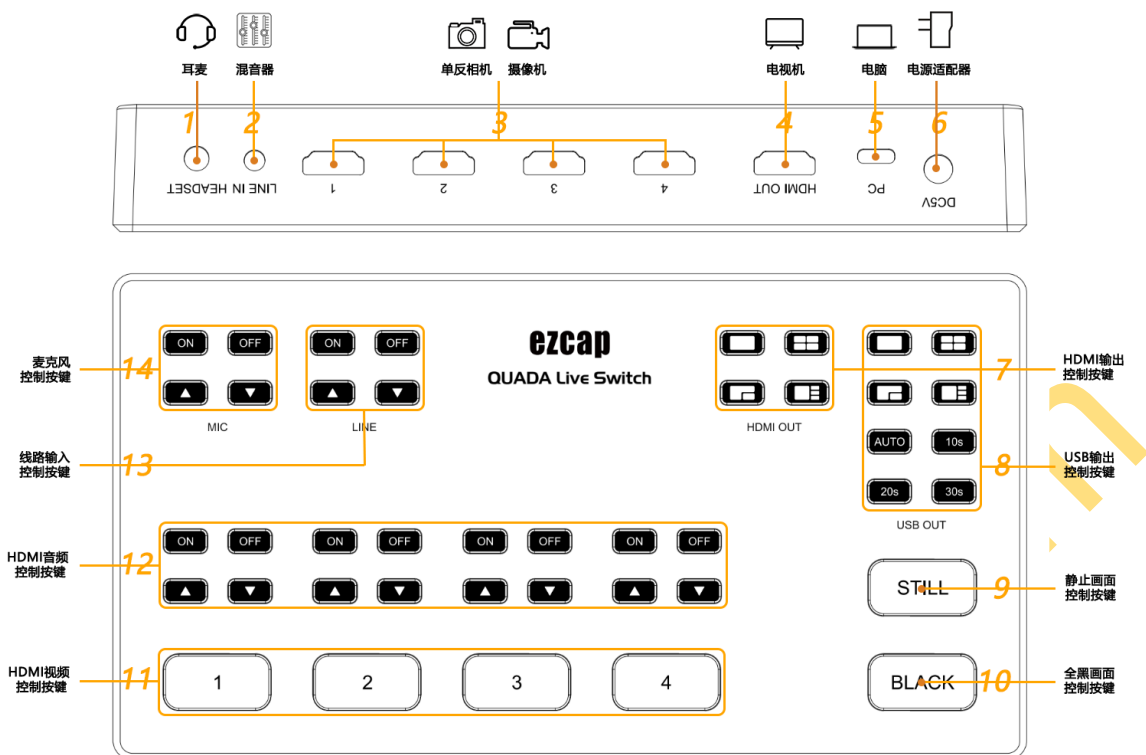
我们希望您从 ezc QUADA 导播台的现场制作中获得更多乐趣。

概览

包装内容

ezc328QUADA 导播台 x1，说明书 x1，Type-C 转 A 连接线 x1，Type-C 转 A 连接线 x1，3.5mm 音频线 x1，耳麦转耳机和麦克风转接线 x1，5V2A 直流电源适配器 x1。

产品概览和连接



1. **HEADSET** - 四节 3.5mm CTIA 耳麦接口,连接耳麦, 或使用配备的转接线连接三节耳机和麦克风。
2. **LINE IN** -3.5mm TRS 音频线路输入接口,用配备的音频线连接音频源输出,比如混音器或音乐播放器。
3. **1/2/3/4**—4 路 HDMI 视频信号输入接口, 用 HDMI 线连接到视频源输出。
4. **HDMI OUT** —HDMI 输出接口, 用 HDMI 线连接到电视机监控视频源状态。
5. **PC**—USB Type-C 接口, 用配备的 USB 线材连接到电脑 USB 3.0 接口。
6. **DC5V**—设备供电接口, 用配备的电源适配器连接到电源插座。
7. **HDMI OUT** 按键— HDMI 输出按键区域, 控制 HDMI 输出到电视机的视频显示模式。
8. **USB OUT** 按键—USB 输出按键区域, 控制 USB 输出到应用程序的视频显示模式和根据不同的间隔时间自动切换视频源画面。
9. **STILL** 按键— 静止画面按键, 按下可将当下直播的视频画面静止, 并静音。
10. **BLACK** 按键— 全黑画面按键, 按下可将当下直播的视频画面切换为全黑画面, 并静音。
11. **HDMI 视频源切换按键**— 切换四路 HDMI 视频源的视频。
12. **HDMI 视频源音频控制按键**— 控制四路 HDMI 视频源的音频。

13. **LINE** 按键- 线路输入按键区域，控制线路输入音频。

14. **MIC** 按键- 麦克风按键区域，控制麦克风音频。

上电默认状态

USB OUT 在应用软件上显示画面模式默认为通道一的单画面模式，**MIC** 麦克风音频和 **LINE** 线路输入音频默认状态与最后一次使用的设置一致。**HDMI OUT** 在电视机上显示画面模式与最后一次使用的设置一致。



开始使用

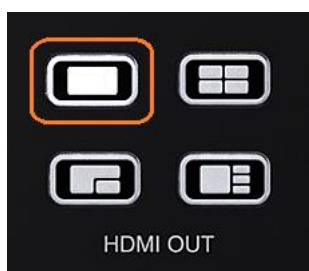
前期准备

连接电源适配器： 请将配备的电源适配器连接到设备的 DC5V 接口和电源插座。

连接视频源： 将您相机或摄影机的 HDMI 输出或其它视频源连接到设备的四路 HDMI 输入接口。

连接监视器并测试输入： 将一台电视机连接到设备的 HDMI 输出接口，并测试检查所有输入是否正常工作。

检查视频源正常工作，可按下控制面板上 **HDMI OUT** 区域的左上角单画面按键，每次按下电视机会显示不同通道的单画面影像，并在通道 1 和 4 之间依次循环切换。

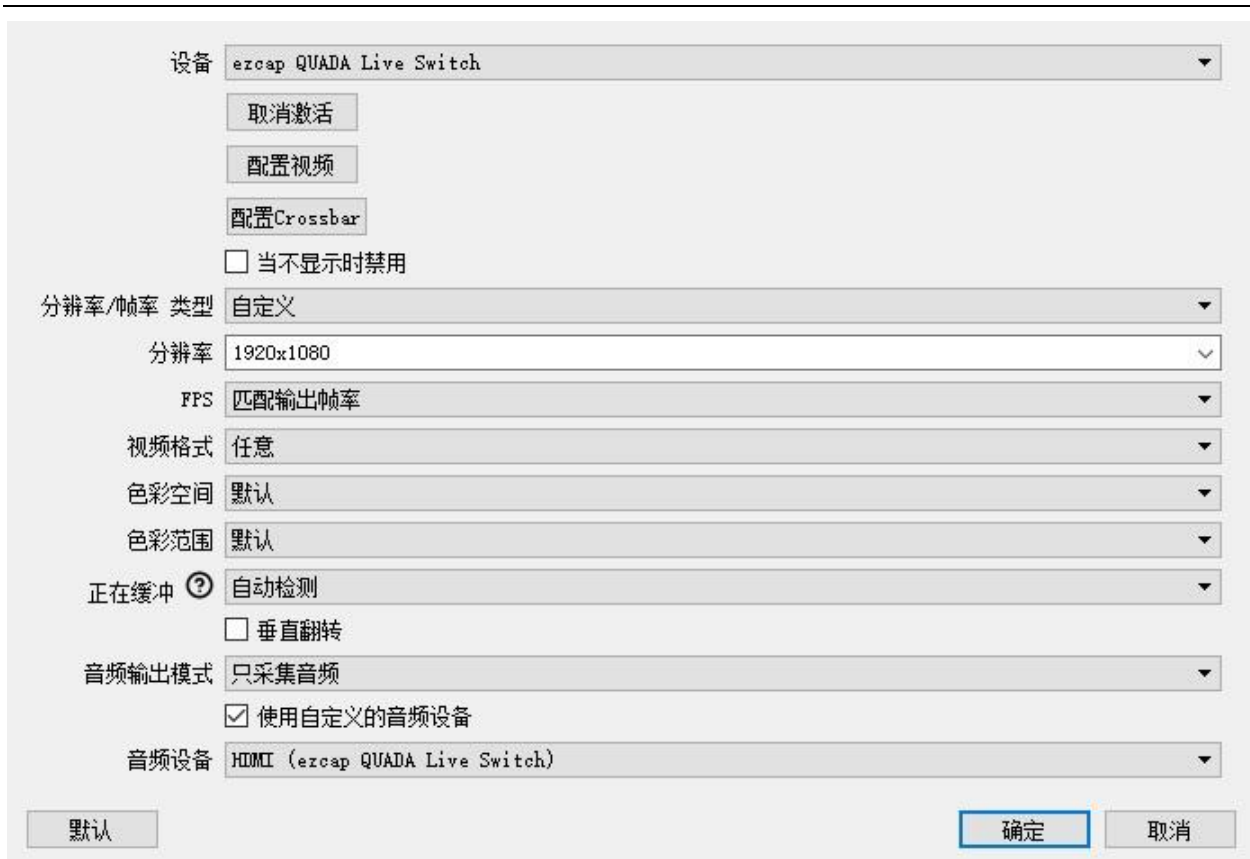


连接耳麦和线路输入音频并测试：连接四节耳麦到设备的耳麦接口，再连接混音器或音乐播放器的音频输出到设备的线路输入接口。按下控制面板上 **MIC** 区域左上角的 **ON** 按键，此时可以从耳机听到麦克风的声音，而按下 **LINE** 区域左上角的 **ON** 按键，则从耳机可以听到线路输入的声音。如果您使用的是独立的麦克风和耳机，则用配备的耳麦转接线连接设备和耳麦接口和麦克风和耳机。



连接到 OBS 或腾讯会议等应用软件，并设置设备源：将 ezcab QUADA 导播台的 **PC** 输出接口连接到计算机的 USB 接口，计算机会把 ezcab QUADA 导播台识别为网络摄像头和麦克风。您可以在 OBS，Skype 或腾讯会议等流媒体直播应用软件中选择网络摄像头信号源。

OBS：点击 OBS 面板的+标志后选择**视频采集设备**，然后在新窗口下点击**确定**，在**设备列表**里选择 **ezcap QUADA Live Switch**。在**音频输出模式**列表下选择**只采集音频**，勾选**使用自定义的音频设备**，并在**音频设备列表**里选择 **ezcap QUADA Live Switch**。完成以上设置后，你将会在预览窗口看到来自 ezcab QUADA 导播台的视频了。



设备 ezcap QUADA Live Switch

取消激活

配置视频

配置Crossbar

☐ 当不显示时禁用

分辨率/帧率 类型 自定义

分辨率 1920x1080

FPS 匹配输出帧率

视频格式 任意

色彩空间 默认

色彩范围 默认

正在缓冲 ⓘ 自动检测

☐ 垂直翻转

音频输出模式 只采集音频

☒ 使用自定义的音频设备

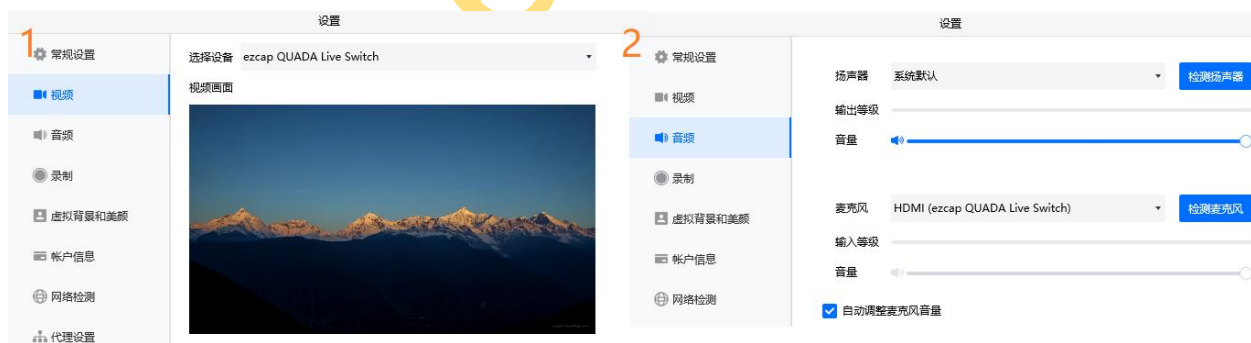
音频设备 HDMI (ezcap QUADA Live Switch)

默认 确定 取消

Skype: 点击 Skype 的**设置**, 并从侧边栏选择**音频和视频**。点击**摄像头**菜单, 并在列表中选**ezcap QUADA Live Switch**, 您将在预览窗口看到来自 ezcap QUADA 导播台的视频。点击**麦克风**菜单, 将 **ezcap QUADA Live Switch** 选为音频源。设置完成后, 可以尝试与朋友进行 Skype 视频通话来测试是否正常工作。



腾讯会议： 点击腾讯会议账户头像旁的**设置**标识，点击**视频**选项，并从列表中选择 **ezcap QUADA Live Switch**。在预览窗口中将看到来自 ezcap QUADA 导播台的视频。点击**音频**选项，并选 **ezcap QUADA Live Switch** 作为麦克风。



ezcap QUADA 导播台已经准备就绪，开始直播您的视频吧。

硬切切换视频源



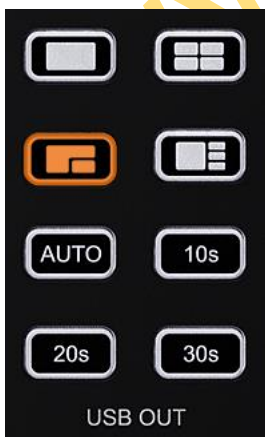
当你直播时需要从一个视频源（比如通道 1）切换到另一个视频源（比如通道 2），这里的视频源可以是四路 HDMI 通道中的任意一路视频。数字 1 按键亮起，表示当下直播的是通道 1，按下数字 2 按键，画面会立即从通道 1 切换到通道 2，您将会看到数字 2 按键亮起，表示通道 2 正在直播。你也可以按下数字 3 或 4 按键，然后将会得到上述相同的效果。

自动切换视频源



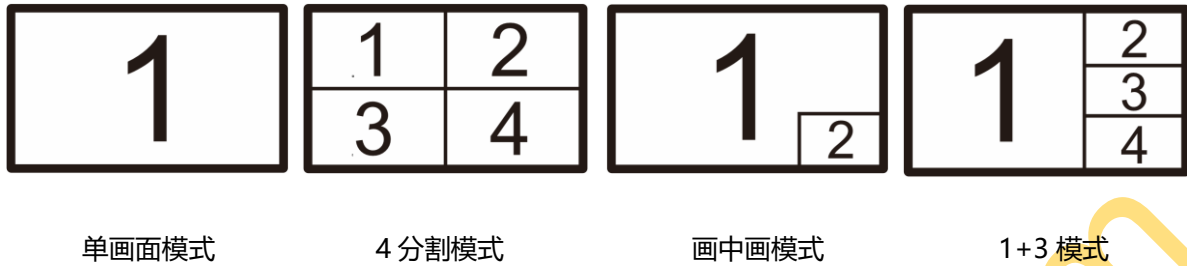
如果你想自动切换您连接的四个通道视频源，自动切换功能可以帮到您。按下 USB OUT 区域的 AUTO 按键，按键亮起，意味着连接到设备的视频源将会自动循环切换，且每 5 秒钟切换一次。10s，20s 和 30s 按键分别表示自动切换的间隔时间为 10 秒，20 秒和 30 秒。

切换串流直播显示模式 – USB 输出



您可以通过控制面板上 USB OUT 区域的显示模式按键来切换串流直播的视频模式：单画面模式，4 分割模

式，画中画模式，和 1+3 模式。按下任意一个按键，直播画面将会切换到相应的显示模式。不断的按下同一个模式按键，则会循环改变该模式下各个窗口的画面位置。



单画面模式：按下**单画面模式键**，直播画面会切换到通道 1。你也可以直接按下**数字按键 2, 3, 或 4**切换到你想要的直播单画面通道。

4 分割模式：按下 4 分割模式按键，直播画面会切换到 4 分割模式，再次按下画面保持不变。

画中画模式：按下画中画模式按键，直播画面会切换到通道 1 和通道 2 组成的画中画模式，再次按下会调换画中画里通道 1 和通道 2 的显示位置。

1+3 模式：按下 1+3 模式按键，直播画面会切换到 1+3 模式，再次按下画面中四个通道的位置将会以**顺时针**方向依次改变位置。

静止图像或显示黑屏



按下 **STILL** 静止图像按键，可让直播画面显示当前视频源的静止画面，同时静音。再次按下可恢复正常视频串流直播。按下 **BLACK** 黑屏按键，可将当下直播视频切换为黑屏，同时静音。再次按下可恢复正常视频串流直播，是开始和结束直播的简便方法。

控制音频

设置制作或播出期间，如果声音过低或者过高时，您可能想要控制音频电平。每次按下**向上/向下**箭头按钮则会升高或降低相应信号源的音频电平。例如，如果演讲人声音过高可能出现削波，您可以逐渐按下**向下**箭头按钮来降低音频电平，直到电平安全为止。



按下 **ON** 或 **OFF** 按钮可以让您为相应的输入信号源一直开启音频，或完全关闭音频。

ON：当输入音频设置为 **ON**，该通道音频将一直可以听到，即使该通道信号不是直播状态仍然如此。

OFF：当输入音频设置为 **OFF**，该通道音频将不会被听到，即使该信号通道处于直播状态仍然如此。

切换监控视频显示模式- HDMI 输出



您可以通过控制面板上 HDMI OUT 区域的显示模式按钮来切换电视机上的监控视频的显示模式。

单画面模式：按下该模式按钮，直播画面会切换到通道 1，不断按下则会依次切换到通道 2，3，和 4，并依次循环。

4 分割模式，画中画模式，和 1+3 模式：请参考上述**切换串流直播显示模式 - USB OUT**。

参数规格

接口	USB 3.1 Gen 1, USB Type-C
视频输入	4 路 HDMI
音频输入	4 路 HDMI, 3.5mm 三节 TRS 音频输入, 3.5mm 四节 CTIA 麦克风输入。
视频输出	HDMI
音频输出	HDMI, 3.5mm 四节 CTIA 耳机输出。
用户界面	切换和控制按键, 状态指示灯。
分辨率	480p60, 576p50, 720p50/p60, 1080i50/i60, 1080p30/p50/p60。
USB 输出视频格式	NV12, YUY2, RGB
电源	5V2A 直流电源
尺寸	240(长) × 129(宽) × 35(高) mm
重量	450 克

系统配置

Windows 10, 64 位, USB 3.0 端口 x1

笔记型电脑

录制 4Kp30 或 1080p120: Intel Core i7-7700HQ, NVIDIA GeForce GTX1050 Ti, 8 GB

录制 1080p60: Intel Core i7-4810MQ, NVIDIA GeForce GTX 870M, 8 GB

台式机

录制 4Kp30 或 1080p120: Intel Core i5-6XXX / AMD Ryzen 3 XXX, NVIDIA GTX 1060 / AMD RX 5700,
8 GB

录制 1080p60: Intel Core i5-3330 or above (i7-3770 recommended), NVIDIA GeForce GTX 650 /
AMD Radeon R7 250X, 4 GB

Mac OS X High Sierra 10.15, USB 3.0 端口 x1

iMac 2019: 3.2GHz 6-core Intel Core i7, Radeon Pro 555X, 2GB GDDR5, 16GB 2400MHz DDR4

Mac Book Pro 2018: 2.6GHz 6-core Intel Core i7, Radeon Pro 560X, 4GB GDDR5,
16GB 2400MHz DDR4