



Video {processing} for any scale

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# Quick Start



- 4 HDMI inputs, 1 HDMI output
- 6 images multi-view, switch between preview and program
- 2.1 inch TFT full color screen
- Support MIC and LINE audio input, multi-channel mix audio
- Image scaling & cropping
- Support PIP,PBP
- Support T-Bar switch
- LOGO overlay
- Support PC and APP control
- Optimized heat dissipation performance
- Integrated design, compact and portable

# CONTENTS

|                             |    |
|-----------------------------|----|
| Product Introduction .....  | 2  |
| Packing Configuration ..... | 3  |
| Hardware Orientation .....  | 4  |
| Front Panel .....           | 4  |
| Interface Panel .....       | 5  |
| Use Your Product .....      | 6  |
| MENU .....                  | 6  |
| Input .....                 | 7  |
| HDMI .....                  | 7  |
| USB3.0 .....                | 8  |
| Audio .....                 | 8  |
| Logo Overlay .....          | 9  |
| IP Setting .....            | 9  |
| Language .....              | 10 |
| Fan Control .....           | 10 |
| Factory Reset .....         | 11 |
| Info .....                  | 11 |
| S Button .....              | 12 |
| MIX .....                   | 12 |
| MODE .....                  | 12 |
| PIP .....                   | 13 |
| Switch Source .....         | 13 |
| XPOSE mini Operation .....  | 15 |
| YouTube Streaming .....     | 19 |
| Contact Information .....   | 21 |

# Product Introduction

Introducing new mini.

With all the features of the preceding model including the unique built in LCD preview display, the mini streaming switcher features four HDMI high-definition inputs, a configurable HDMI output and USB3.0 streaming output to connect with virtually any laptop or streaming platform.

PIP picture in picture receives a boost in this new release, with dual fully scalable video windows in any position possible.

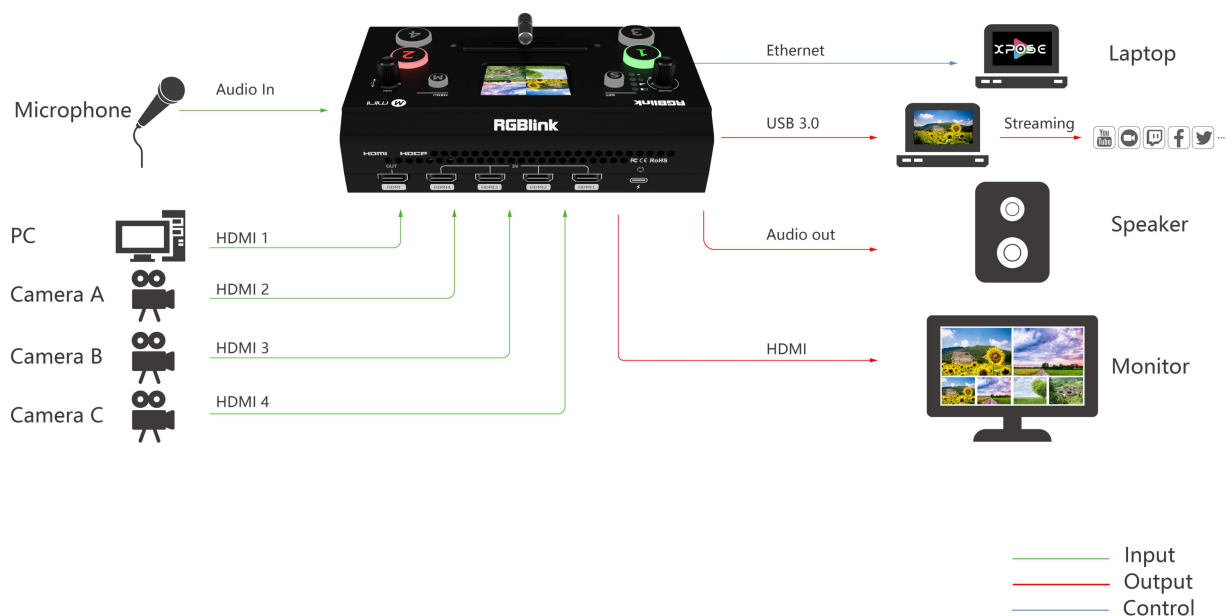
Make use of audio from multiple sources with mix including Line and TRRS connectors as well as supporting headphone/mic combinations.

mini is powered via standard USB-C port for even greater compatibility and mobile live flexibility.

With industry leading hardware performance and reliability, along with superior heat management and dissipation, mini is the must have mini streaming switcher.

mini is light and robust at only 480gm thanks to an all new impact resistant, precision pressure cast ABS housing.

## System Connection Diagram



## Packing Configuration

**Power Adapter**



**USB3.0 Cable**

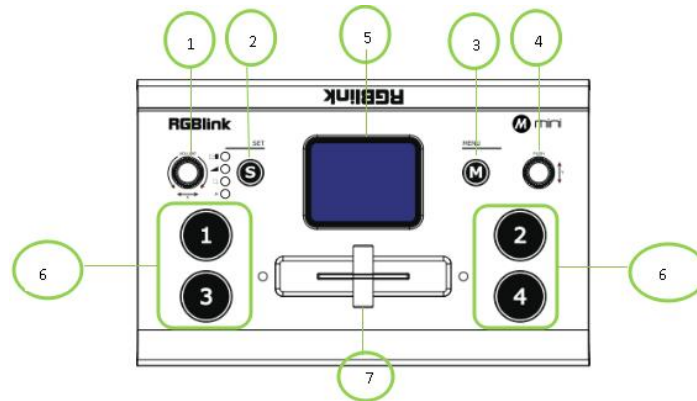


**Type-C Power cable**



# Hardware Orientation

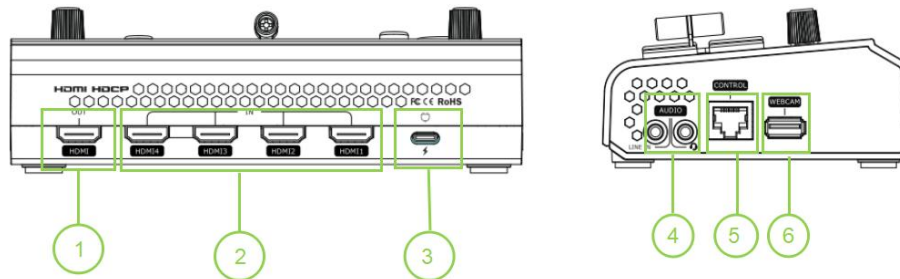
## Front Panel



|   |                    |                                                                                                                                                                                                         |
|---|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <b>VOLUME/X</b>    | Turn the knob to adjust volume or select items and attributes<br>Control camera left-right spinning when it is in PTZ setting                                                                           |
| 2 | <b>Shortcuts</b>   | For shortcut & selection of features<br>1. Transition Effect (→),<br>2. PIP(⌂),<br>3. Volume Control                                                                                                    |
| 3 | <b>M(menu)</b>     | Menu and back button                                                                                                                                                                                    |
| 4 | <b>PUSH/Y</b>      | Y:turn knob to select menu item, push to confirm<br>PUSH:Push knob to quickly switch HDMI Out between 6-Picture PVW and PGM when 2.1 inch TFT is under the state of previewing                          |
| 5 | <b>TFT Display</b> | To display 4 inputs and menu                                                                                                                                                                            |
| 6 | <b>1,2,3,4</b>     | For signal switching and visual status<br>1. red: is on air (PGM),<br>2. static green: signal is standing by,<br>3. flashing green: ready to be switched,<br>4. no light: input source is not supported |
| 7 | <b>T-Bar</b>       | Manual switch, push to left end or right end to switch signal to PGM                                                                                                                                    |

# Interface Panel

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|   |                     |                                                                                                                                    |
|---|---------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <b>HDMI OUT</b>     | 1 HDMI output port, connect to display to show multi-view                                                                          |
| 2 | <b>HDMI IN</b>      | 4 HDMI inputs, connect to input source from HD camera or PC                                                                        |
| 3 | <b>Type-C</b>       | 1 type-C power interface                                                                                                           |
| 4 | <b>AUDIO IN/OUT</b> | AUDIO In, analog audio input port, connect to microphone with power<br>AUDIO OUT, analog audio output port, connect to loudspeaker |
| 5 | <b>LAN</b>          | Communication port to link dedicated software for control                                                                          |
| 6 | <b>USB</b>          | USB 3.0 output, capture signal via third party streaming software and push to live broadcasting websites                           |

# Use Your Product

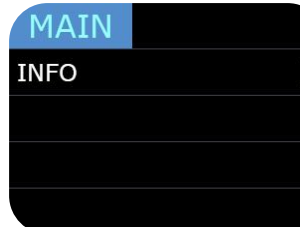
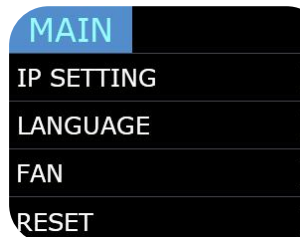
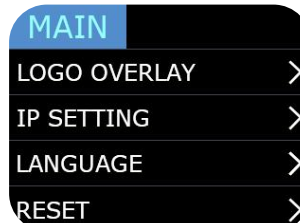
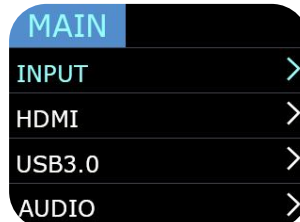
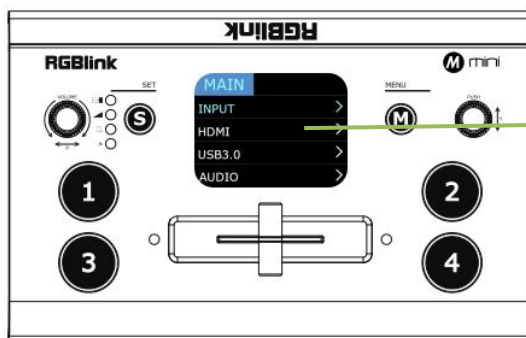
## MENU

When mini is power on, the native TFT display show starting up page.

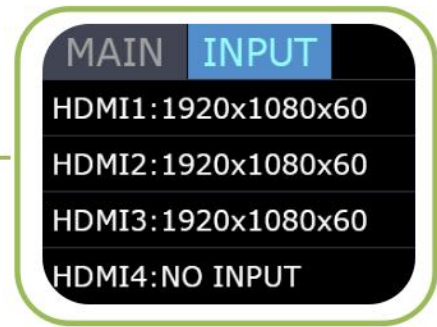
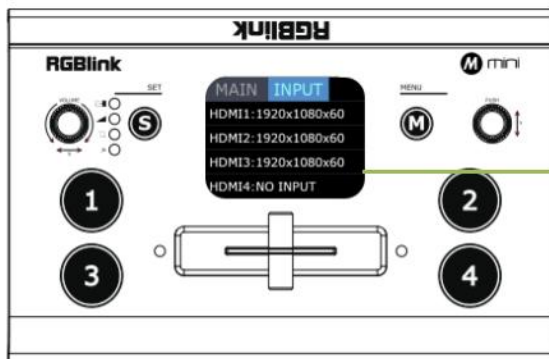


## Main Menu

After mini is powered on, push button M to enter the main menu. Main Menu include: INPUT, HDMI, USB 3.0. AUDIO, LOGO OVERLAY, IP SETTING, LANGUAGE, FAN, RESET, INFO



## Input

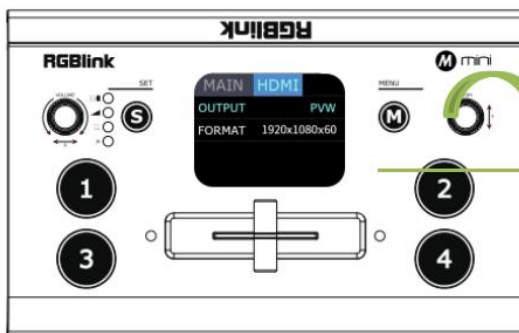


1.Push 「M」 button(MENU) to enter main menu and select first menu item<INPUT>,push 「Y」 knob to enter <INPUT>menu.

2.The input menu displays the information of the input signal source.

If there is no input source, it displays: NO INPUT.

## HDMI



1.Push MENU and select the second menu item <HDMI>

Push 「Y」 knob to enter <HDMI> menu.

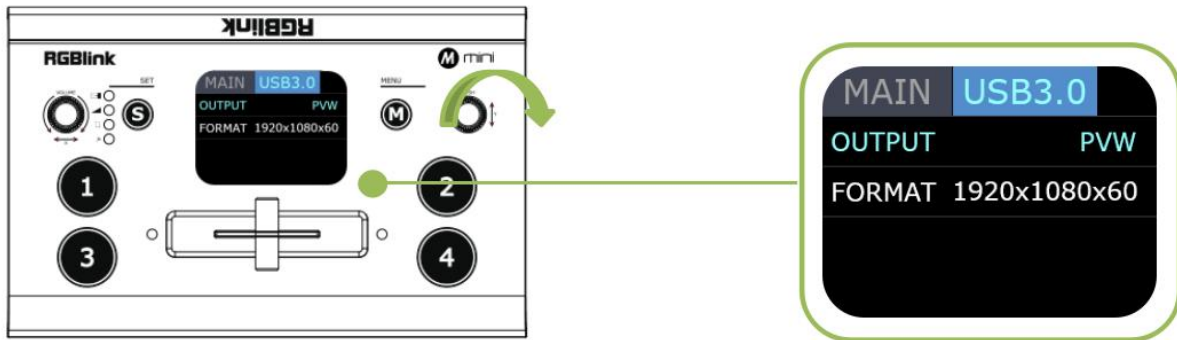
2.Rotate 「Y」 knob to select PVW output and PGM output for HDMI.

**Output:** PVW or PGM

**Format:** 1920x1080@60



## USB3.0



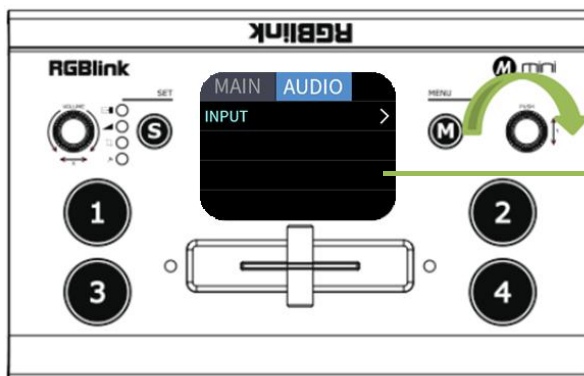
1. Push MENU, rotate and push 「Y」 knob to enter the third menu item<USB3.0>

2. Rotate 「Y」 knob to select **PVW output** and **PGM output** for HDMI.

**Output:** Choose PGM or PVW

**Format:** 1920x1080@60

## Audio



1. Push MENU, rotate and push 「Y」 knob to enter the fourth menu item<AUDIO>

2. Rotate 「Y」 knob to select

### Input

Input: MIC, LINE or OFF

Volume: 1-100

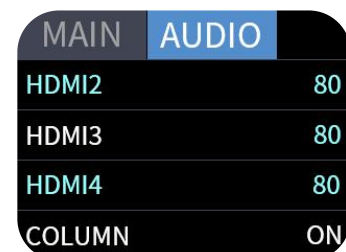
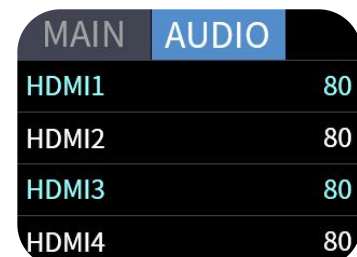
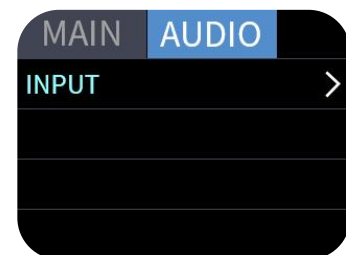
### HDMI 1/2/3/4

HDMI 1/2/3/4: MIC, LINE or OFF

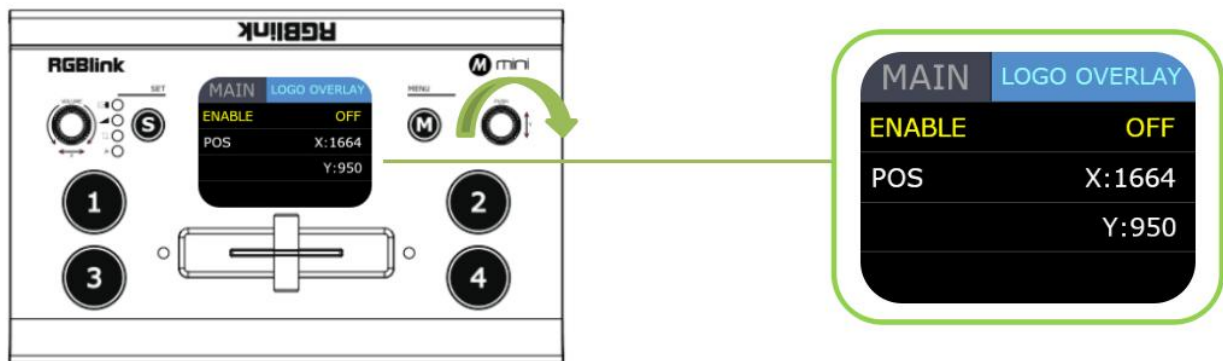
AFV: ON/OFF

Volume: 1-100

**Column:** ON/OFF



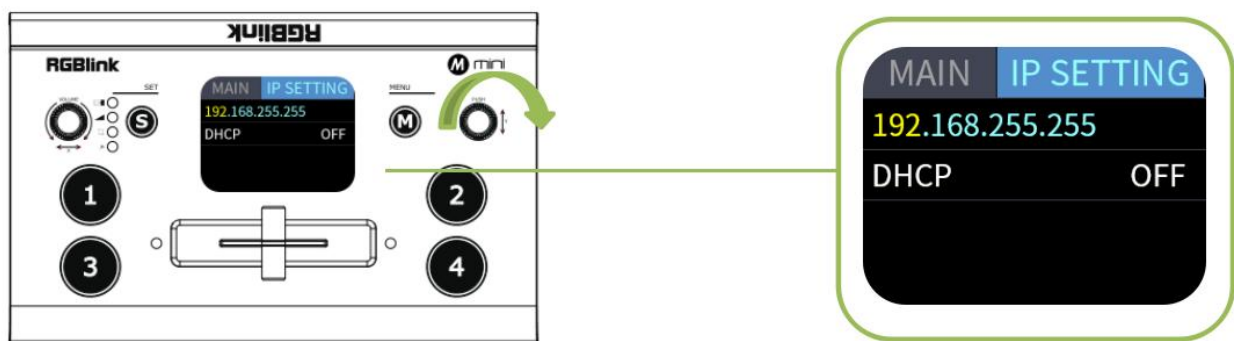
## Logo Overlay



1. Push MENU, rotate and push 「Y」 knob to enter the fourth menu item<LOGO OVERLAY>

2. Rotate 「Y」 knob to select  
Enable: **ON/OFF**  
POS: set the position of overlay

## IP Setting



Push MENU, rotate and push 「Y」 knob to enter the sixth menu item<IP SETTING>

### SET IP Address Manually

Select **each segment** with the 「Y」 knob, then press to enter and set the **value** of each segment by pressing the knob again.

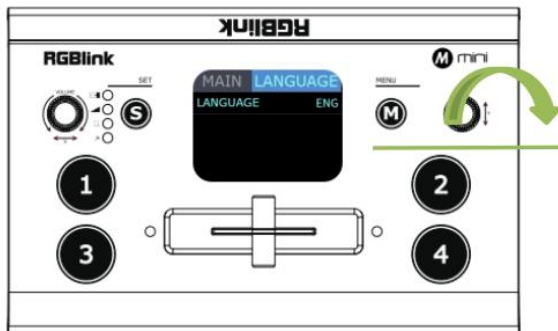
### Set IP Address Automatically

Use this setting if your network/router has a DHCP server

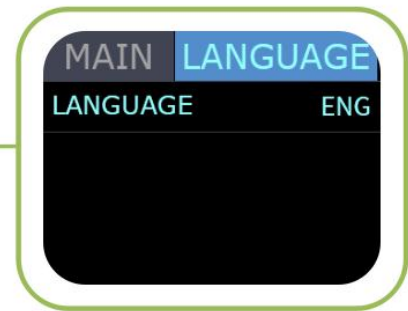
Select **DHCP** and set to **ON**, manual setting is disabled, and the IP Address for mini is set from the network.

**Note:** After setting IP address manually, please restart the device.

## Language

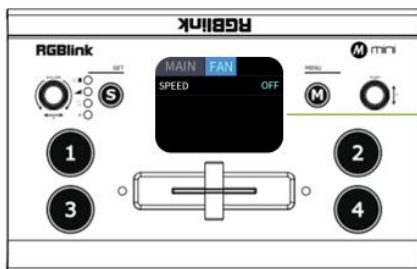


1. Push MENU and rotate and push 「Y」 knob to enter the seventh menu item<LANGUAGE>

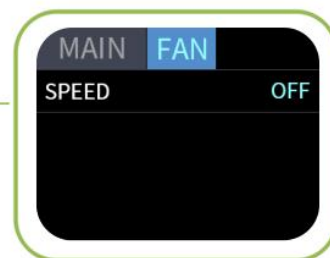


2. Rotate and push 「Y」 knob to select Chinese and English.

## Fan Control

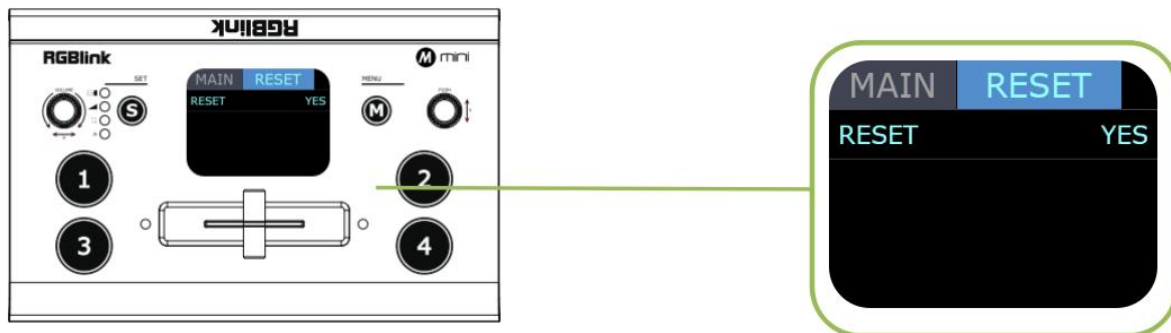


1. Push MENU and rotate and push 「Y」 knob to enter the seventh menu item<FAN>



2. Rotate and push 「Y」 knob to select Speed: 1-4

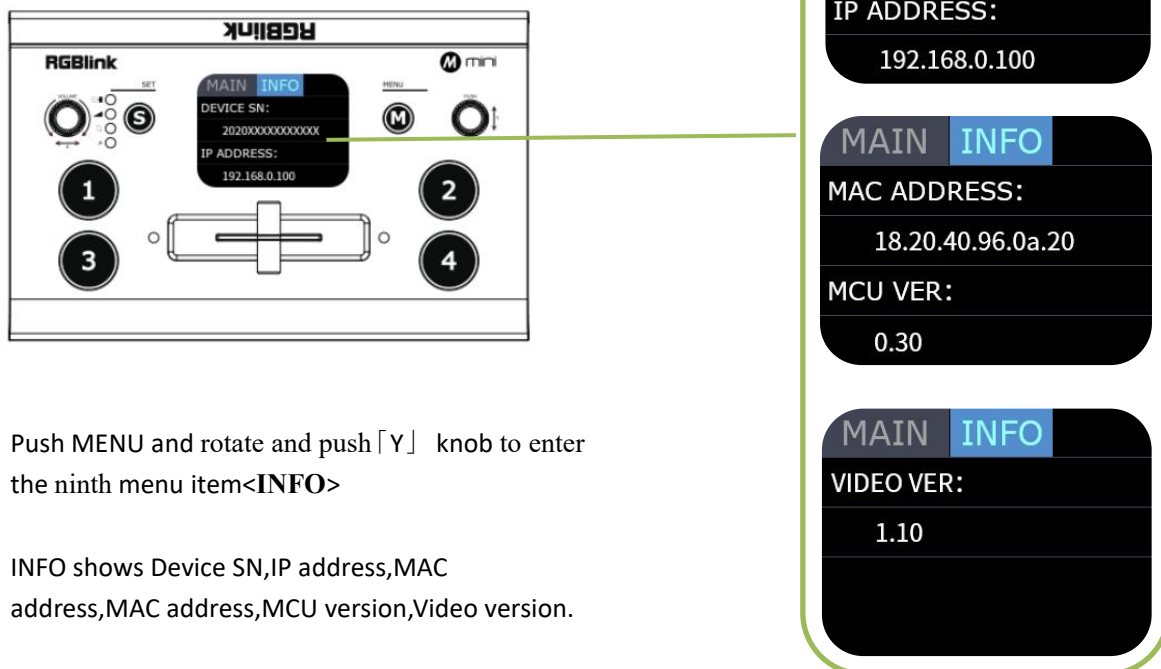
## Factory Reset



1.Push MENU and rotate and push 「Y」 knob to enter the eighth menu item<RESET>

2.Rotate and push 「Y」 knob to select YES or NO

## Info



Push MENU and rotate and push 「Y」 knob to enter the ninth menu item<INFO>

INFO shows Device SN,IP address,MAC address,MAC address,MCU version,Video version.

# S Button

When you want to personalize your live show, you can use the mini's 14 built-in switching effects and control the timing of the switch via T-BAR.

Push S button to enter transition effect menu<MIX> and the LED indicator beside  will light up;

Push S button **twice** to enter mode switch menu<MODE> and the LED indicator beside  will light up;

Push S button **three times** to enter menu<PIP> and the LED indicator beside  will light up;

Push S button **four times** to preview four inputs;

Each time the menu is opened, the corresponding indicator light will be on, and then rotate the PUSH knob ("Y") to select and confirm.

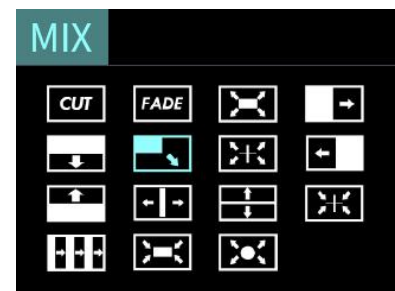
## MIX

Press "S" button to enter transition effect menu<MIX>, there are 14 kinds of effects

To change the switching effect, proceed as follows.

1. Press the "S" button to stay in the effects screen.
2. turn the 「Y」 knob to select the effect

In actual use, the hard cut is only available in **Quick Cut** mode, if you use T-Bar mode, it will automatically change to FADE.



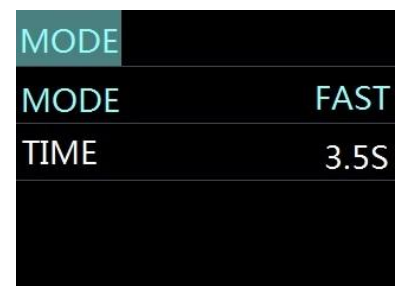
## MODE

Push S button **twice** to enter <MODE> menu, and rotate 「Y」 knob to select **FAST** or **T-BAR**

After selecting Quick Cut, you need to select the switching time: from **0.5s to 5.0s**.

The steps are as follows.

1. Press the "S" button until you enter the mode interface.
2. Press the 「Y」 knob and wait for the option to turn yellow.
3. Turn the 「Y」 knob to change the parameters.
4. Press the 「Y」 knob to confirm.



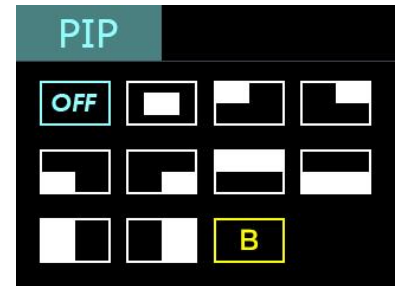
In **T-Bar** mode, you can directly control the progress of the T-Bar manually and customize the switching.

## PIP

Push S button three times to enter <PIP> menu and select PIP mode(9 PIP modes)

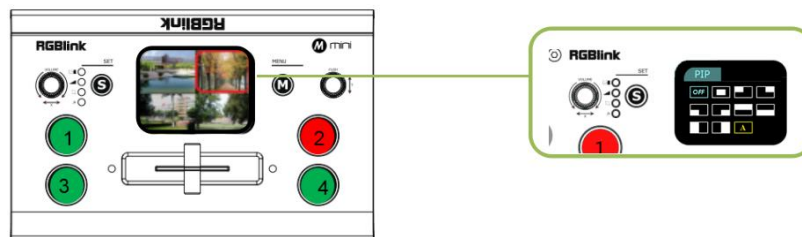
The steps are as follows:

- 1.Push "S" button, enter PIP setting page.
- 2.Rotate 「Y」 button to select layout you want and confirm by Pressing.
- 3.Select the signal you want for background. (When the letter is A, it means background signal)
- 4.Press 「X」 button to select signal for PIP layer. (The A will change to B)
- 5.Finally, push the T-Bar and the content you've set will be taken to PGM. (T-bar has to be totally left or right side to make sure the content has been taken.)



## How to Enter PIP Menu Quickly

"S" button has memory function. When the TFT screen returns to preview mode, press S button to directly enter PIP menu if you use it last time. If you want to enter other menus, continue to press the "S" button.



## Switch Source

When you access the four source buttons, the lights on the source buttons will appear in four states:

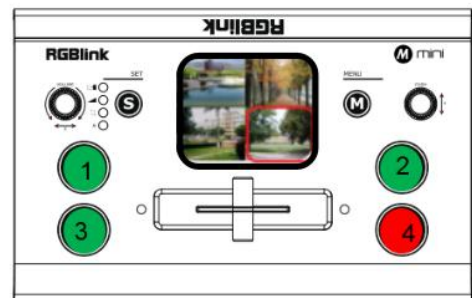
**green constant:** the signal is recognized, no action is being taken;

**green flashing:** the currently selected, signal is being edited;

**red constant:** the signal is currently on the main output;

**unlit:** the source is not accessed or the resolution of the accessed source is not supported by the mini

### In FAST + TIME Mode:



Press a source button (1, 2, 3, or 4) that is green.

Selected source will be switched to the output with the set fade TIME and using the MIX transition selected, with the pressed source button becoming red.

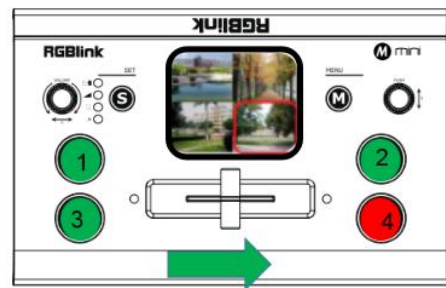
### In T-BAR Mode:

Press a green button to set the source as the PVW, the source button will blink green.

**Slide the T-BAR to switch/mix** from the current PGM source to the PVW source. Any MIX transition effect will be applied as the T-BAR is moved. Once the T-BAR has been **fully** transitioned, the indicator lights on sources buttons that are PGM and PVW will be swapped.



1. Press a source button (1, 2, 3, or 4) that is green.



2. Slide T-Bar from left end to right end or reversely.

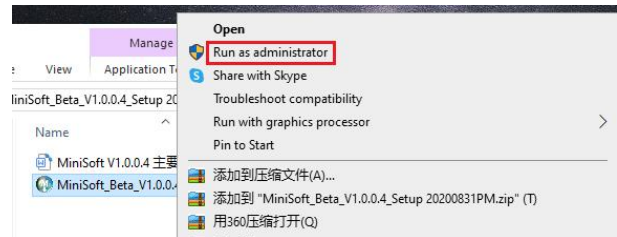
**Note:** Source selection is **locked** when T-BAR is **in transition** (not entirely docked at a left or right position)

# XPOSE mini Operation

Install dedicated software named XPOSE to control mini or mini+.

Right click the setup exe file .

Choose Run as administrator to open the exe and install the software.



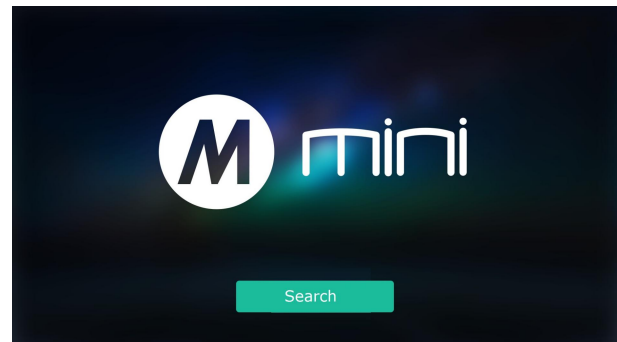
After software is installed, click the icon



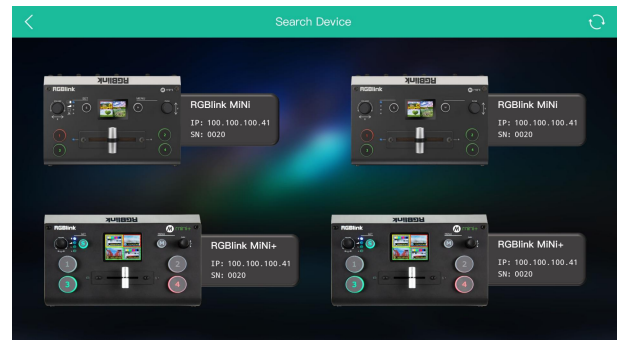
XPOSE and login the software.



Click Search to search mini device.



After searching, all available mini devices in the sub-net can be found, up to 128 devices can found if there are.

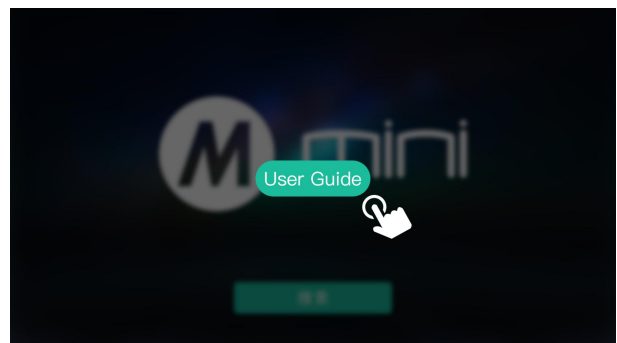
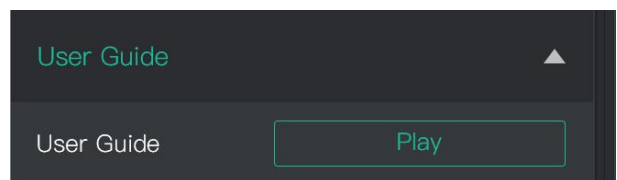
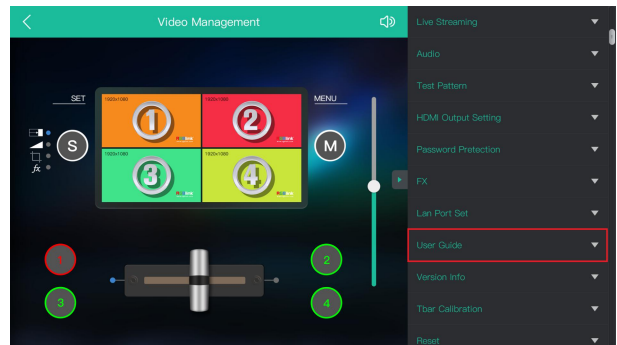
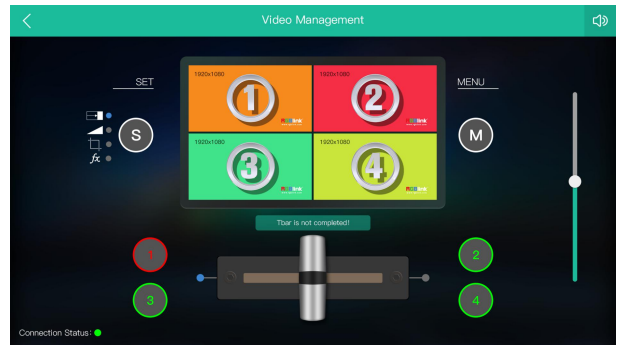




Select the desired device by SN and IP and enter the management interface. The software interface is a simulation of operation panel on real mini device.

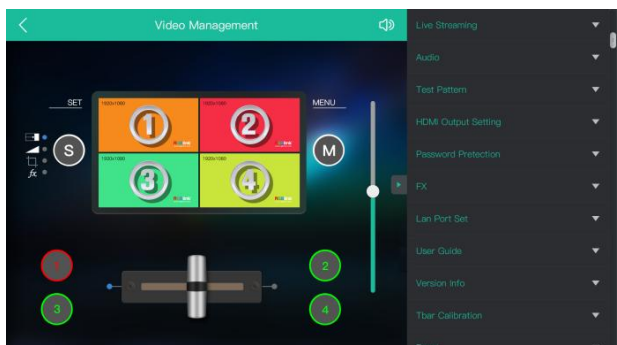
For example, clicking Button M  can open up menu as on the device. If it is the first time for you to use mini, we suggest you watch our User Guide video.

Click the drop down arrow and click to play the user guide video.



If you have use XPOSE mini before, then you can directly click and check sub menu.

Following sections are dedicated to the additional features of XPOSE mini.



## Live Streaming

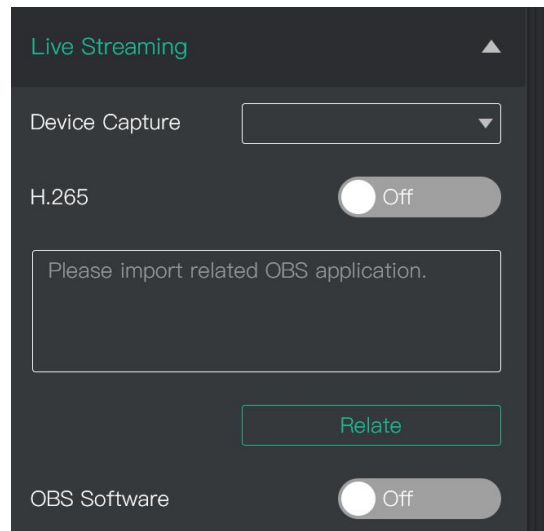
**Device Capture:** choose RGBlink USB3.0 Capture

H.265: When it is ON, users can watch 4 inputs streaming back on XPOSE software.

Import the related OBS application if users need to do live streaming, click Relate to confirm.

OBS: slide ON to start streaming.

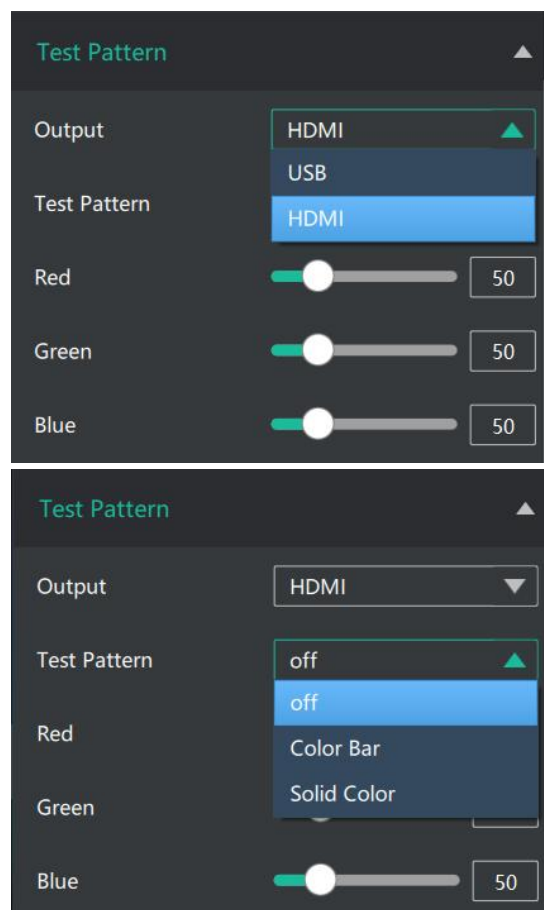
**Note:** H.265 and OBS cannot work at the same time. User choose either H.265 or OBS, not both.



## Test Pattern

To facilitate troubleshooting, XPOSE mini provides a test signal output, which can be used to troubleshoot the USB or HDMI output interface when there is no output signal from USB or HDMI.

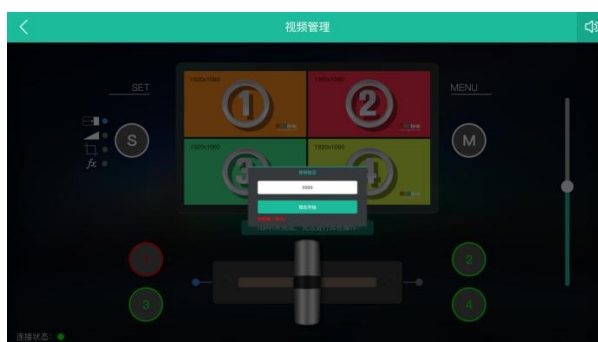
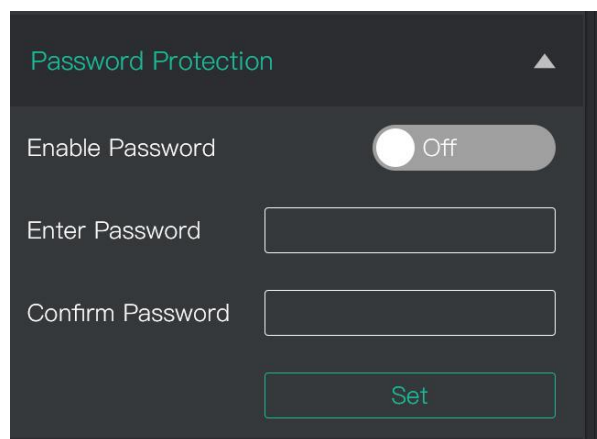
1. Select the USB/HDMI interface to be tested.
2. Select the mode of the test signal
3. Adjust color



## Password Protection

In order to solve the problem of control conflicts caused by different devices controlling the same mini in the same LAN, XPOSE mini provides a password protection function, as an administrator, you can set a password for the device controlling XPOSE mini, and when you control the interface again, you need to enter the password to control it.

**Note:** If you have forgotten your password, please restore the factory settings on the mini.

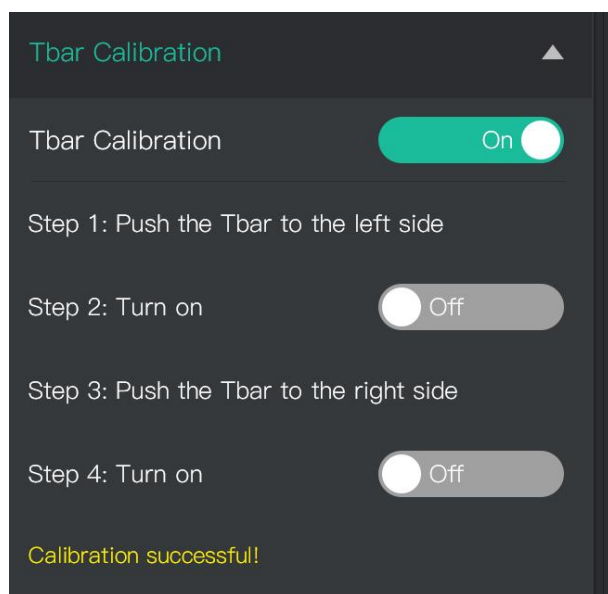


## T-Bar Calibration

If the T-Bar is not in the correct position, no other operation is possible. T-Bar correction is available in XPOSE mini.

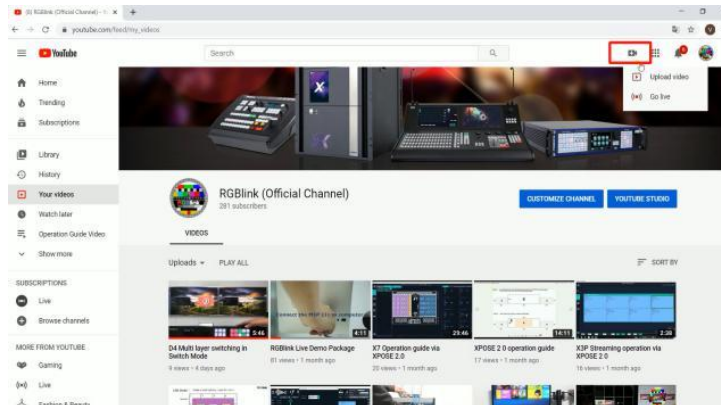
### The steps are as follow:

1. Turn on the T-Bar Calibration switch.
2. Push the T-Bar to the **far right** on the mini.
3. Turn on the "On" switch
4. Push the T-Bar to the **far left** on the mini.
5. Turn on the "On" switch

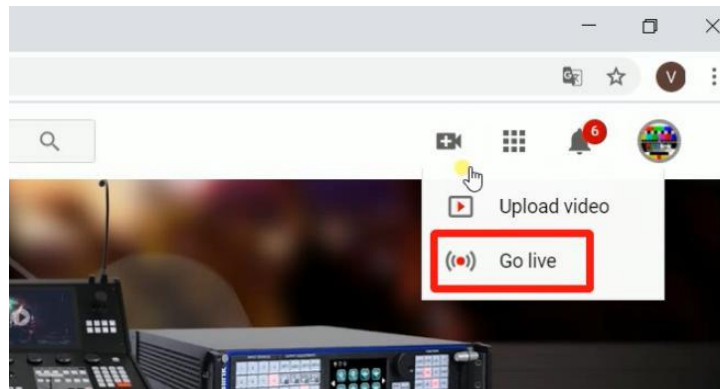


# YouTube Streaming

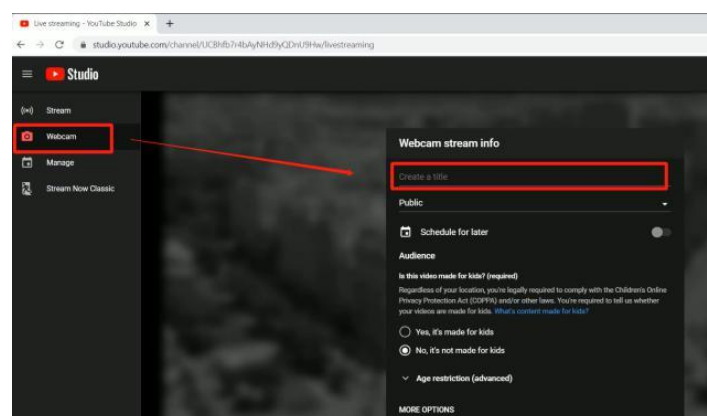
1. Create a video or post.



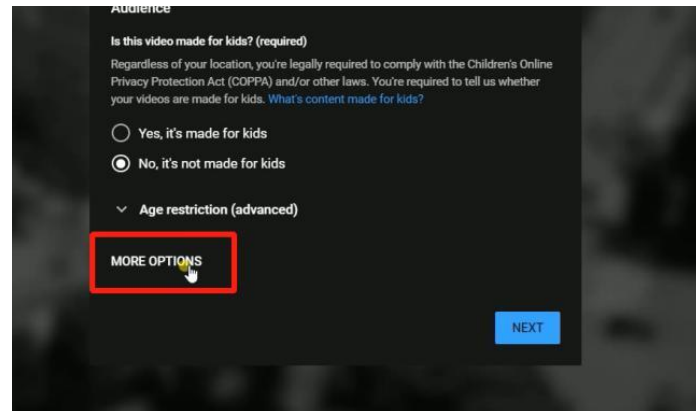
2. Then click “Go live”.



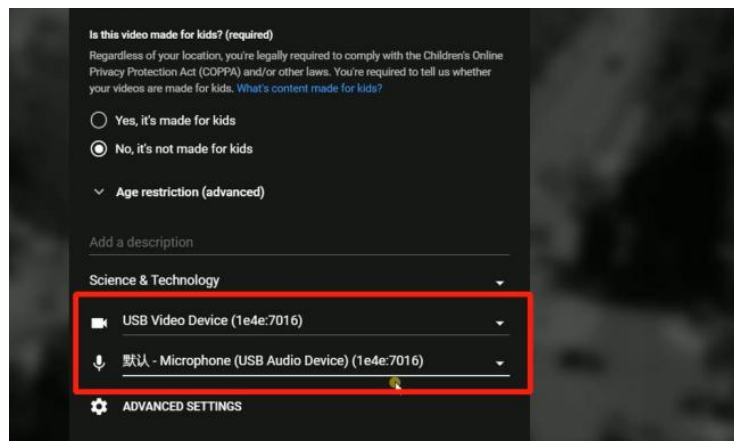
3. Enter Live streaming interface. And then create a title.



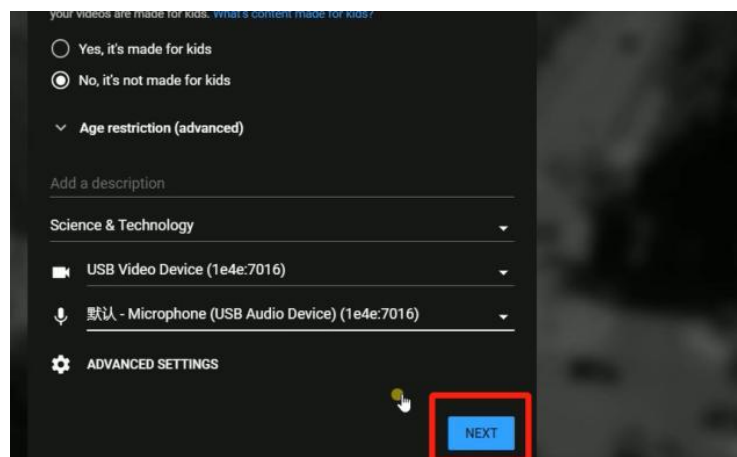
4. Click “More option”.



5. Set video and audio as USB 3.0 Video/Audio device.



6. After finished all setting, click “NEXT”.



# Contact Information

## Warranty:

All video products are designed and tested to the highest quality standard and backed by full 1 years parts and labor warranty. Warranties are effective upon delivery date to customer and are non-transferable. RGBlink warranties are only valid to the original purchase/owner. Warranty related repairs include parts and labor, but do not include faults resulting from user negligence, special modification, lighting strikes, abuse(drop/crush), and/or other unusual damages.

The customer shall pay shipping charges when unit is returned for repair.

**Headquarter:** Room 601A, No. 37-3 Banshang community, Building 3, Xinke Plaza, Torch Hi-Tech Industrial Development Zone, Xiamen, China

- **Tel:** +86-592-5771197
- **Fax:** +86-592-5788216
- **Customer Hotline:** 4008-592-315
- **Web:**
  - ~ <http://www.rgblink.com>
  - ~ <http://www.rgblink.cn>
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