

3.0

GLEDOPTO IMMERSIVE TV BACKLIGHT KIT

USER GUIDE

PRODUCT DESCRIPTION

GLEDOPTO IMMERSIVE TV BACKLIGHT KIT synchronizes the color or brightness of the connected LED light strip or light bar with the TV screen via HDMI signal.

It is plug-and-play and does not require WiFi, an app, or a camera.



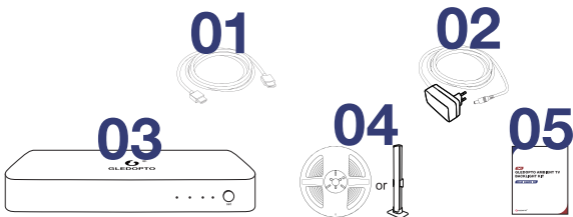
PRODUCT PARAMETERS

Model.:	GL-SN-003K
HDMI:	2.0
Sync box size:	156x85x22MM
Input voltage:	DC 12V
Operating temperature:	-20°C~60°C
Waterproof level:	IP20

SUPPORTED RESOLUTIONS LIST

Item	Resolution	Refresh Rate	Data volume	
			8bit color depth	10bit color depth
1K	1920x1080	60Hz	3.20Gbits/s	4.0Gbits/s
		120Hz	6.59Gbits/s	8.24Gbits/s
		144Hz	8.00Gbits/s	10.00Gbits/s
		240Hz	14.00Gbits/s	17.50Gbits/s
2K	2560x1440	60Hz	3.20Gbits/s	4.0Gbits/s
		120Hz	6.59Gbits/s	8.24Gbits/s
		144Hz	8.00Gbits/s	10.00Gbits/s
		240Hz	14.00Gbits/s	17.50Gbits/s
4K	3840x2160	30Hz	6.18Gbits/s	7.73Gbits/s
		60Hz	12.54Gbits/s	15.68Gbits/s

PACKAGE CONTENTS



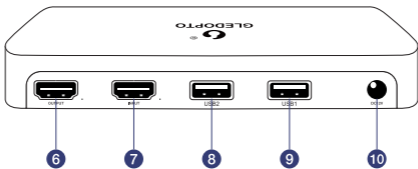
- ① 1M HDMI Cable x1
- ② 12V Power supply x1
- ③ HDMI Sync box x1
- ④ 12V RGB light strip x2 or light bar x2
- ⑤ User guide x1

BUTTON AND PORT INSTRUCTIONS

FRONT



BACK



1 RESET BUTTON

1. Short press to switch scenes.
2. Long press to turn on/off the light strip or light bar.
3. Double-click to switch mode.(screen-following mode>music mode>screen-following mode)

2 MICROPHONE

Receives external audio to change the color of the light strip.

3 INDICATOR LIGHT

Constantly on: Screen-following mode. Slow flashing: Music mode.

4 MODE LIGHT

Red: Scene 1, surrounding effect.
Green: Scene 2, left and right effect.
Blue: Scene 3, up and down effect.

5 POWER LIGHT

On: Power is on.
Off: Power is off.

6 OUTPUT PORT

Connect the output port to the TV, projector, or monitor via HDMI cable.

7 INPUT PORT

Connect the input port to the HDMI SIGNAL INPUT devices that you are going to use, for example, TV set-top box, TV box, PlayStation, Switch, Xbox and other HDMI devices.

8 USB 2 PORT

Connect the light strip or light bar.

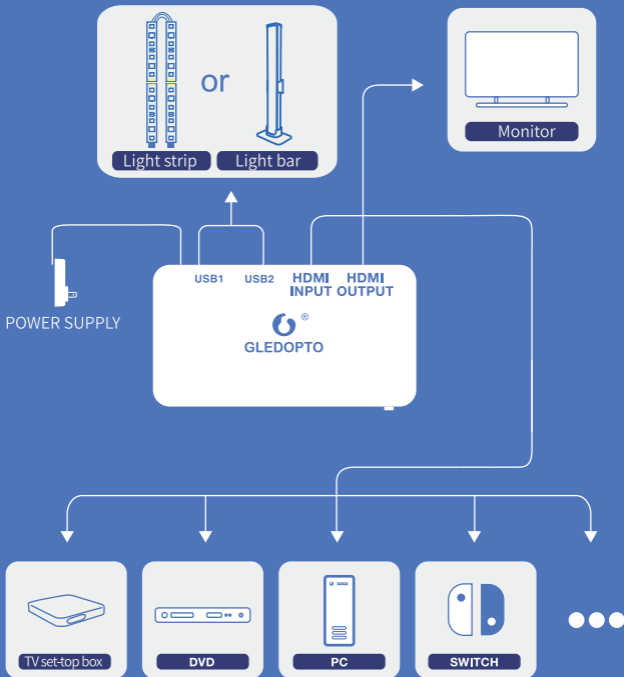
9 USB 1 PORT

Connect the light strip or light bar.

10 POWER PORT

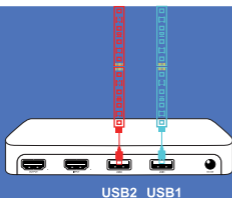
Plug the power cord into the port.

WIRING DIAGRAM



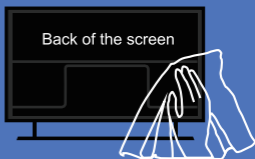
INSTALLATION DIAGRAM

1



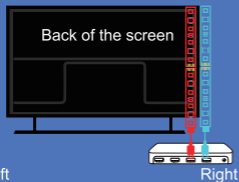
As shown in the picture,
insert the two light strips

2



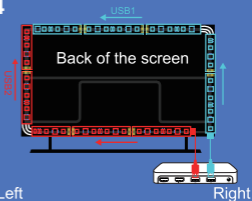
Clean the back of the TV with a towel

3



Place the sync box in the lower right
corner of the back of the TV

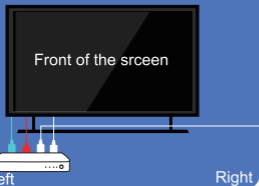
4



Stick the light strip on the back of the TV.
Attention: the strips must be installed as
per the right direction as shown in the picture

INSTALLATION DIAGRAM

5



Connect the HDMI input/output port

6



Connect the power supply.
Now you can enjoy it

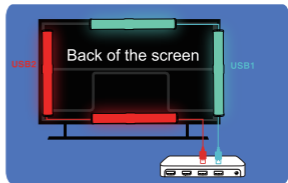
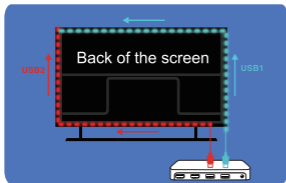
Note:

Please follow the above instructions strictly to install the light strips or light bars

THREE SCENE MODES

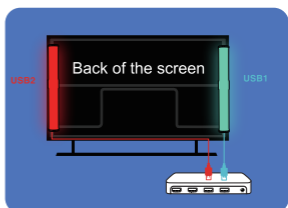
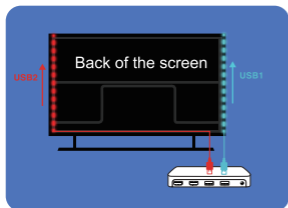
Scene 1: Surrounding effect

In the surrounding effect mode, the light from the light strip is synchronized with the color of the TV screen.



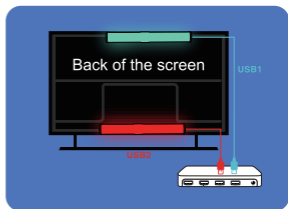
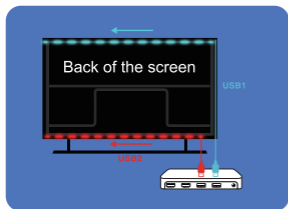
The left and right effect mode is suitable for games and movies with horizontal screen movements.

Scene 2: Left and right effect

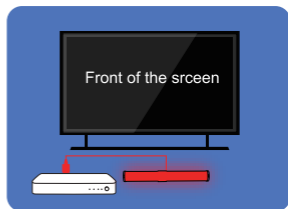
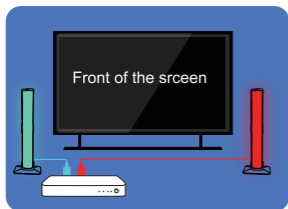


The up and down effect mode is suitable for movies with vertical screen movements.

Scene 3: Up and down effect

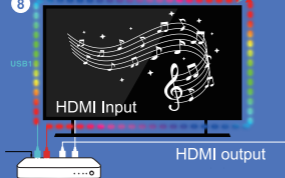


MULTIPLE INSTALLATION MODES



MUSIC MODE

8



In music mode, the light from the light strip changes with the rhythm of the music. The microphone on the sync box receives the external audio and changes the color of the light strip accordingly.



ATTENTION

1. When using the HDMI input/output port, the HDMI cable should not exceed 5m.
2. Do not install the light strip or light bar in a humid environment.
3. Do not install the light strip or light bar near a heat source.
4. Do not install the light strip or light bar in an environment with excessive dust.
5. Do not disassemble the sync box or the light strip or light bar.
6. If the sync box or the light strip or light bar is damaged, please contact customer service for repair or replacement.
7. This product is not suitable for outdoor use.
8. This product is not a toy and should be kept out of reach of children.
9. Please dispose of the product properly at the end of its life cycle.