



VPIXEL Phantom

Wireless audio and video transceiver system

User Quick Guide

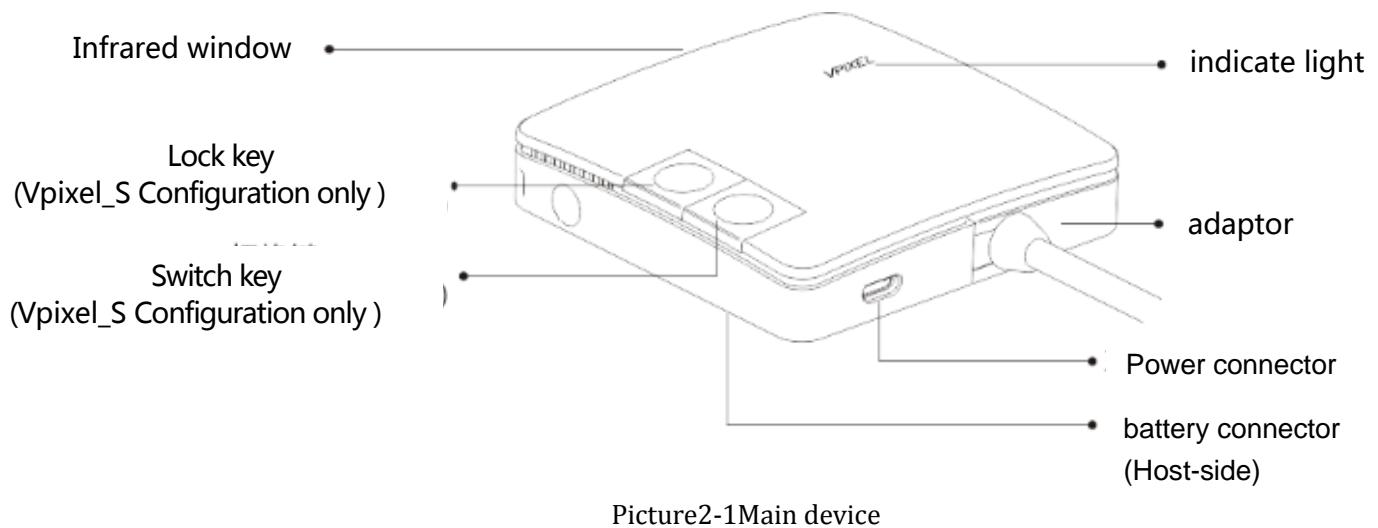


1. Equipment List

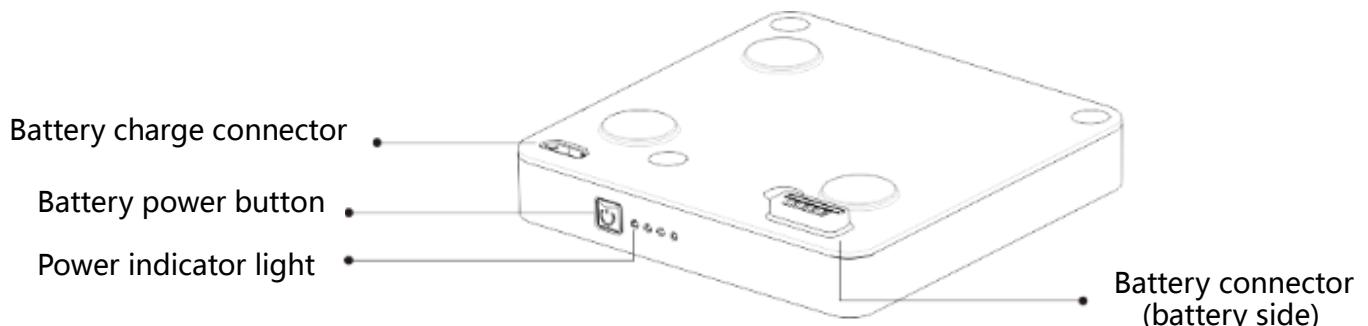
Check list according to your device category

Name	Parts list and quantity	
	Standard	Deluxe
Vpixel_S	1	2
Vpixel_R	1	1
Transmitter HDMI adaptor	1	2
Transmitter VGA adaptor	/	1
Transmitter DP adaptor	/	1
Transmitter mini DP adaptor	/	1
Receiver HDMI adaptor	1	1
Receiver VGA adaptor	/	1
Power Adaptor	1	1
Battery	2	3
USB power cord	2	3

2. Devices Details



Picture2-1Main device



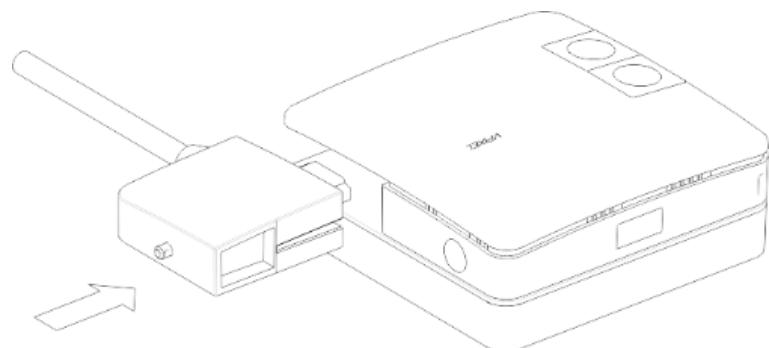
Picture2-2 Battery



3. Instruction of Usage

3.1. Install the adaptor

Select the corresponding adaptor according to the connection port requirement, and install the adaptor to the Vpixel_S and Vpixel_R respectively.



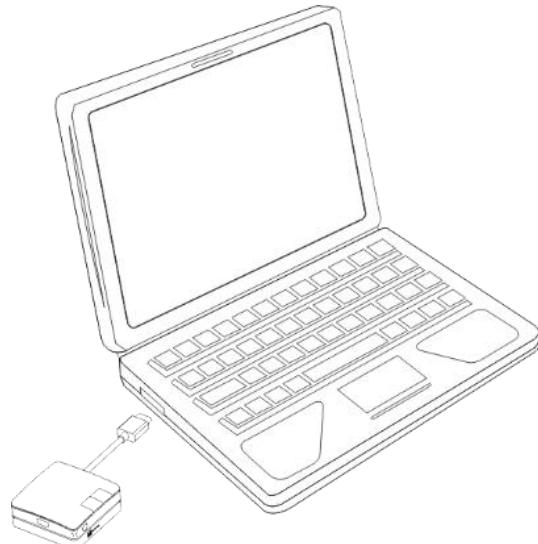
Picture3-1Install the connector

Comments :

- 1.No mixed use of Vpixel_S adaptor and Vpixel_R adaptor , Vpixel_S adaptor is circle in orange , Vpixel_R adaptor is circle in blue.
2. Via choosing different adaptors to match HDMI、VGA、DP or Mini DP interface.

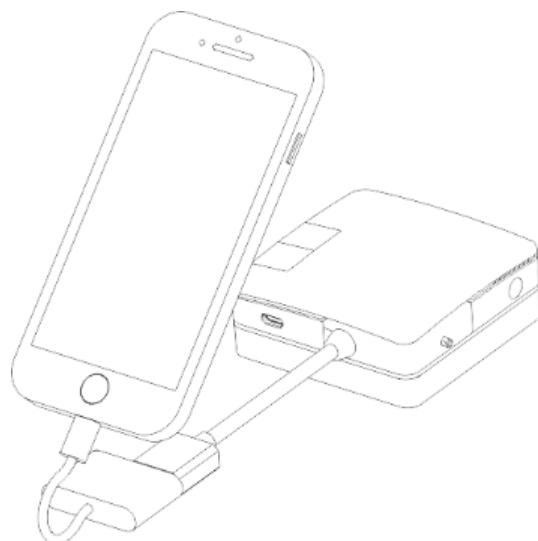
3.2. Connect Device

1. The Vpixel_S connects to the display output interface of computer(or others single source), Vpixel_R connect to the input interface of display device.



Picture3-2connect computer

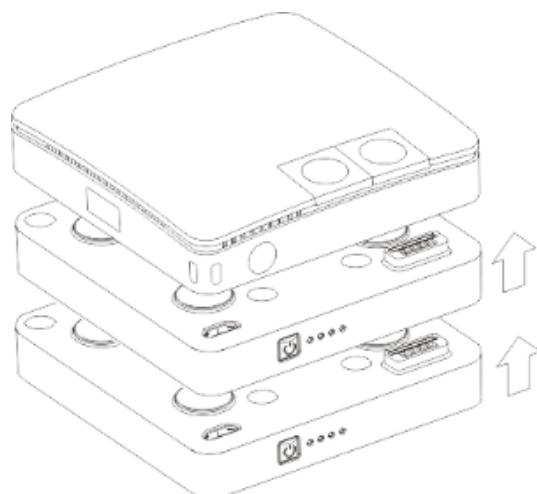
2. Vpixel_S via Lightning Digital AV Adapter connect lightning interface ,achieving wireless display to iPhone or iPad devices. (Lightning Digital AV Adapter is Apple's official accessory , it needs an extra purchase.)



Picture3-3connect iPhone

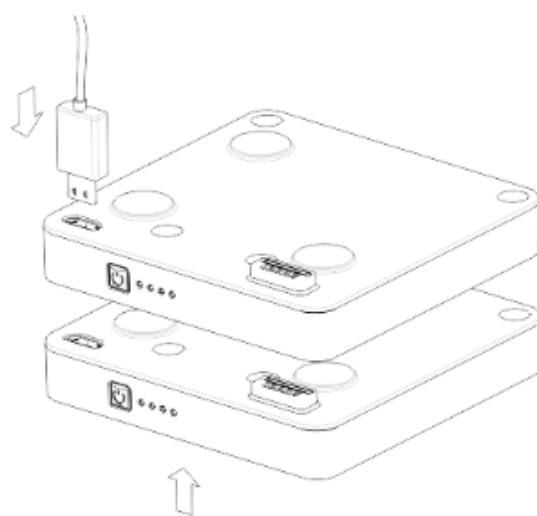
3.3. Connect power source

1. Supply power to Vpixel_S and Vpixel_R via installing battery, and the battery can be used by multiple stacking because of its modular design.



Picture3-4 install battery

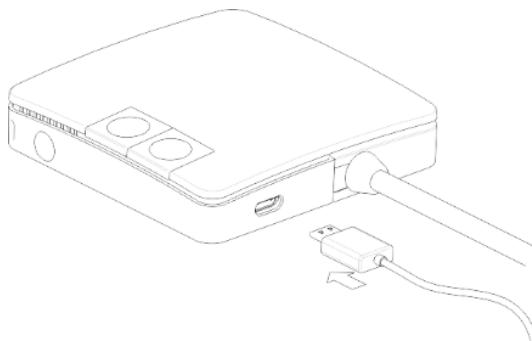
2. Battery needs to be taken out and to be charged. Also, it can be multiple stacking charged. There is no charging while the battery is working.



Picture3-5 battery charging



3. Connecting to the power adapter, it can supply power to the Vpixel_S and Vpixel_R as well.



Picture 3-6connect power adaptor

Comment:

The power supply capacity of the USB interface equipment such as projector/hd can't meet the demand of VPIXEL phantom main equipment, so please do not connect the power cord to the USB interface, and use the power adapter to meet the requirement of power supply.

3.4. Boot and Usage

After power on the battery or connecting the power adapter, the Vpixel_S and the Vpixel_R will boot automatically. The boot screen and the searching screen will be displayed by the display terminal until the connection is accomplished. If the panel indicator light is green, it means the connection is complete and it starts to operate normally.

After the end of use, unplug the battery directly or disconnect the adapter power to power off.



4. More functions

4.1. Lock and Switch screen

The lock screen function can be enabled by pressing the lock screen button when the equipment works normally. At the same time, "Locked Screen" will be shown on the display screen. To restore the normal display by pressing the lock button again.

This product supports the multi-user scenarios that a Vpixel_R works with the several Vpixel_S. Under this circumstance, the connection of one of the Vpixel_S and the Vpixel_R is normal while the other Vpixel_S are in a waiting state.

It only needs to press the "switch key" of the Vpixel_S and the display terminal will switch to the signal source image which is connected to the Vpixel_S. It supports up to 8 Vpixel_S.

4.2. Hibernate and Awake

The Vpixel_R will be in a hibernate status if there is no signal access after 15 minutes and the Vpixel_R indicator light will be off, the HDMI output will be closed.

When the Vpixel_R is in a hibernate status, only the wireless module keeps working. If any Vpixel_S or mobile connecting is detected, the Vpixel_R will be awake from the hibernate and restore to the normal state.



4.3. Match

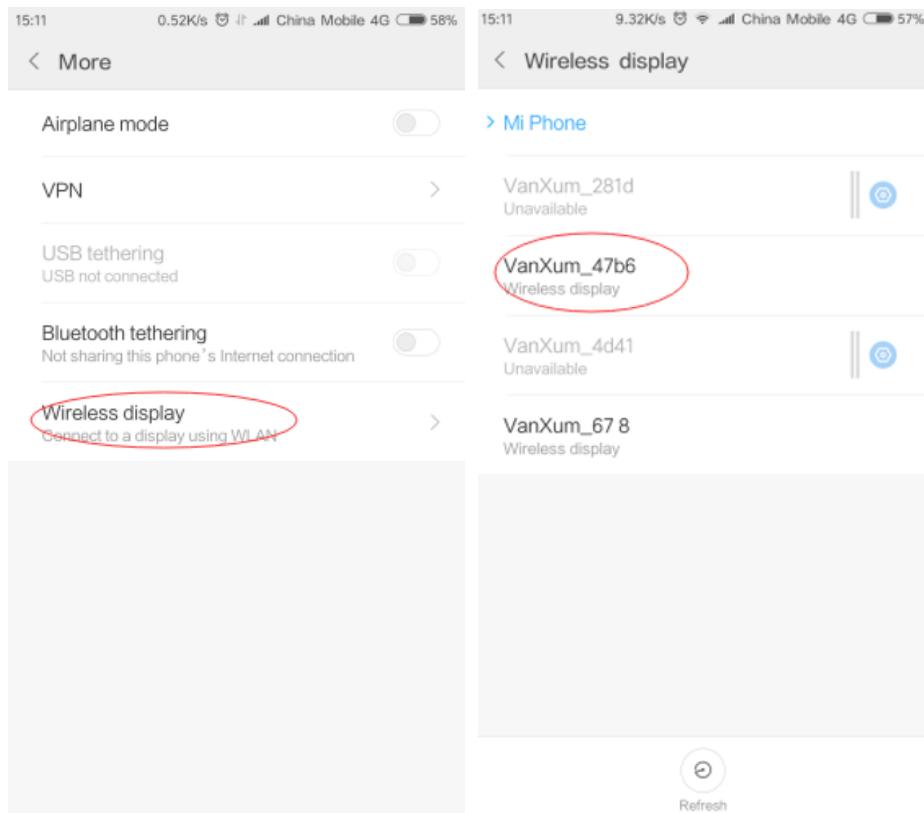
All the products are matched in set in our factory. It needs a matching operation only if you purchase a launcher separately or need to change the match status of the products. You can accomplish the matching operation by following the procedures below.

Starting up and execute the matching. First aim the Vpixel_S infrared window at the Vpixel_R infrared window, and long press the "switch key" for 3 seconds. Then it will go into a matching status if the blue lights of the Vpixel_S and the Vpixel_R flicker simultaneously. The Vpixel_S and Vpixel_R panel indicator lights turn into green, it means the match is successful and the signal source image will be shown on the display terminal screen.

4.4. Connect with Android phones

VPIXEL Phantom wireless audio and video transceiver system supports android smart phones and tablets. Turn on the mobile phone or tablet which needs to be projected, find the wireless display options, turn on the wireless display switch, search for VPIXEL phantom Vpixel_R and connect. The mobile phone screen will synchronize displayed on a display device.

Vpixel_R name will be shown in the lower left corner of the searching or locked interface, and it can be checked by switching the lock screen key.



Picture4-1connect to android phone

Comments:

1. The Android version must be above 4.4 and it must have a Miracast function and support 5G Wi-Fi frequency range.
2. If the effect of the mobile projection screen is not good enough, please disconnect all automatic Wi-Fi and try again.



There are differences names of wireless display function between the different mobile phones. The common names such as: Multi-screen interaction, Miracast, WIFI Display, WLAN Display, Wireless Display, Allshare Display, Allshare Cast, WIFI direct connect, Share screen, Media output, Screen Mirror, etc.

Attachment: Common mobile phone brand wireless display function set path (for reference)

No.	Mobile brand	Reference Path
1	HUAWEI	Pull-down Menu-switch-multi-screen interaction
2	MI	Setting- other connection mode-wireless display
3	OPPO	Setting-more - WLAN display
4	VIVO	Setting- multi-screen interaction-open setting Setting-more setting- WLAN display
5	ZET-T	Setting-display-Projection screen
6	Meizu	Setting-other connection mode-projection screen
7	Letv	Setting -more setting- WLAN display
8	Coolpad	Setting-WLAN- more-WiFi display
9	Lenovo	Setting-system setting-WLAN-bottom- projection screen Setting- more WLAN display -WLAN same screen Setting - more WLAN display -WLAN display
10	Samsung	Pull-down Menu-smart view-click device connect



5. Description of the status of hazardous substances in the products

Component name	Hazardous Substance					
	(Pb)	(Hg)	(Cd)	(Cr6+)	(PBB)	(PBDE)
Enclosure	O	O	O	O	O	O
Mainboard	X	O	O	O	O	O
Adapter	X	O	O	O	O	O
Battery	X	O	O	O	O	O
Charger	X	O	O	O	O	O
USB	X	O	O	O	O	O
<p>This form is prepared according to the provisions of SJ/T 11364</p> <p>O : The content of this toxic and hazardous substance in all homogeneous materials in the component is required under the limit of GB/T 26572 standard.</p> <p>X : The quantity of the toxic substances at least in one of the parts of the component exceeds the limit of GB/T 26572.</p>						
<p>Introductions :</p> <p>The products shown in this table may contain these substances, but this information may be updated with the development of the technology.</p> <p>This product marked with "X" the reason is: at this stage there is no alternative technology and components, and conform to the state of the electric and electronic products hazardous substances restrictions on the use of measures for the administration regulations.</p>						
<p>The left image is a symbol of the environmental use of this model.</p>  <p>Some of the replaceable parts may have a different period of environmental protection (for example, cell modules). This environmental protection term applies only to the conditions specified in the product manual</p>						



6. Q&A

Q1 : No display on the display terminal?

A : Please check whether the Vpixel_R battery is power on or whether the power adapter is well connected.

Please check whether the Vpixel_R adapter is the proper one, and the display connects fine. Check if the display source has been switched to the correct display mode (HDMI or VGA mode, etc.)

Q2 : Display terminal shows "Searching" or "waiting for device connection"

A : Check whether the Vpixel_S battery is power on or whether the power adapter is well connected

Check if the Vpixel_S and Vpixel_R is a match set, otherwise it needs to match again according to the instruction book.

Q3 : Display terminal shows "No video signal input"

A : Check whether the Vpixel_S is properly connected to the computer or other source device ;

Check whether the computer display mode is correct or not , do not set the mode "computer only ".

Q4 : If there is lag or screen blurred while projecting through the android phone

A : Please disconnect all automatic Wi-Fi and try again.

FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.