

Projector User Manual



Please read this user manual carefully before start using the projector

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Important Safety Matters

Installation

To achieve the best effect, please use the projector in a darker room or draw the curtains.
Be careful when use the projector. Any dropping or bump may lead to damaged parts, blurred images or display improperly.

Power Source

Be careful to the power cord to avoid excessive bending. Damaged power cord may cause electric shock and fire.
Please unplug the power cord from the socket after use.

Cleaning

Unplug the power first.
Clean the cabinet regularly with a damp cloth. Neutral detergent can be used. Do not use strong detergents or solvents (such as alcohol and thinner). The lens should be cleaned with glasses cloth or lens paper. Be careful not to scratch the lens.
Use a soft brush to clean the vents and speaker of the projector regularly, or the vents will be blocked by dust and cause the machine breakdown due to overheat.

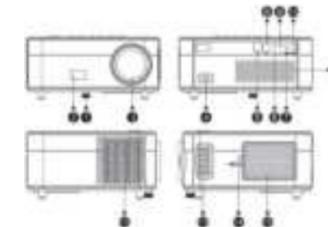
High Temperature Attention

Do not disassemble the projector casually since there may be a risk of electric shock, which affects normal maintenance.
Liquid or heavy objects should not allowed on the machine.

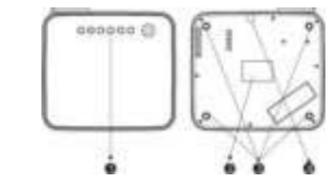
Know Your Projector

Projector Accessories Description

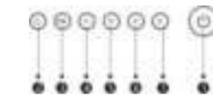
The projector can input HDMI high-definition video signals, and supports stereo audio signal input and output. Connect the projector and other equipment according to the following picture.



1. Adjustable tripod.
2. Remote control signal receiver.
3. Projector lens.
4. Power socket.
5. Remote control signal receiver.
6. Audio output connector.
7. HDMI 1 HD connector.
8. USB connector.
9. AV connector.
10. HDMI 2 HD connector.
11. Horn.
12. Heat dissipation window.
13. Focusing dial.
14. Detachable dust-proof net switch, move right to disassemble the dust-proof net.
15. Removable dust-proof net.



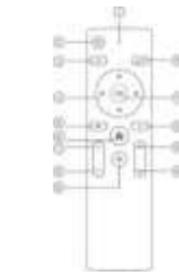
1. Press the button (Figure 1).
2. Bottom sticker.
3. Hanger fixing hole, can be used after removing the foot pad.
4. Height adjustment machine feet.



1. Power button
2. Back button
3. Confirm button
4. Up button
5. Down button
6. Left button
7. Right button

Function for Remote Control Buttons

Projector Accessories Description



1. Indicator light.
2. Power button.
3. Signal source button.
4. Direction button.
5. Menu button.
6. Home button.
7. Volume +.
8. Volume -.
9. Mute button.
10. Screen switch Button.
11. Confirm button.
12. Back button.
13. Last song.
14. Next song.

Standard Setting

Refer to the data below and place the projector at the appropriate distance from the screen according to required size of the screen. Please place the projector on a smooth and solid table top, or suspend it from the ceiling. The area around the projector should be well ventilated to avoid blocking the vents. There should be no other objects within 30cm around the vents.

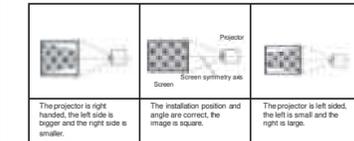
Image scale	4 : 3
(Inch) Image size	projecting distance
55	2
80	2.85
100	3.53
120	4.2

Note: The above data is for reference only, please refer to the actual measurement data.

These figures may vary due to differences in optics. Suggestion: Please physically adapt the distance and screen size before installation.

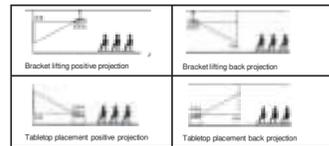
Attention

To avoid distortion of the projected image after projection, place the projection as close to the axis of symmetry as possible.



Installation methods

Depending on the environment and requirements, this projector can be suspended from the ceiling using a professional projection stand, or placed on a smooth tabletop. Or choose another mounting option according to the following illustrations.



Attention Matters

1. When using the hanging method, the projector should not be higher than the top edge of the screen, or it will affect the screen imaging effect and keystone correction.
2. The projector should be installed on the left and right axis of symmetry of the screen to avoid left and right keystone distortion of the image.
3. The space around the projector should be well ventilated after installation and there should not be any objects blocking the way of the vents.
4. Please do not connect the power source during installation to avoid electric shock or projector circuit failure.
5. Projector just installed may be blurred and trapezoidal distorted, please refer to the section on graphic calibration for correction.

Projector On/Off

Switch on/off operation

Connect the projector to the power supply, the projector enters standby mode and the power light is red.

Power on: Press the power button on the projector, or the power button on the remote control, the power indicator turns to blue from red and enters the working status.

Power off: In the working state, press the power button on projector or remote control, the power indicator changes to red from blue and the projector is turned off.

Image correction

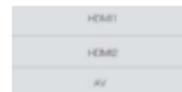
Dial clockwise to the end (below), then dial counterclockwise while watching the particle spots on the image, stopping at the sharpest point, which is the best position for focusing.



Instructions for Interface operation

1. How to choose the signal source

After entering the main interface, press the signal source button "Source" on the power button, select the required signal source channel in the pop-up interface, such as "HDMI1, HDMI2, AV", etc., and press the OK button on the remote control to enter the corresponding signal source status.



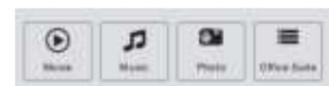
2. How to connect wifi

Enter the main interface, System Settings, Network Settings - WiFi Settings; find the network you want to connect to and press Confirm.
Enter the password via the virtual keyboard and confirm the connection.



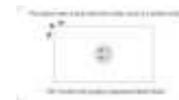
3. How to play U disk

Insert a USB disk stored with multimedia files into the USB port and select Movie, Music, Photo, Office Suite in the main interface.



4. How to set up electronic keystone correction?

Main screen, system settings, projection settings, keystone correction, switch between four-point mode and manual keystone correction;
Adjust the four corners of the projection screen via direction keys until the screen is normal.



5. how to use Bluetooth

Select Settings and click on "Bluetooth Settings"; Then search for Bluetooth devices and find the one you need to pair with.



6. How to use Android Screen Projection

1. Miracast Device side : Main interface to Miracast
2. mobile side, find the screen projection function in the settings, and connect the device name to Android Screen Together

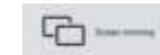
Miracast

To connect Android Mobile/Ped with Projector Based on WiFi-Display Technology



7. How to use the Apple projector

1. Connect your phone and projector to the same wifi, if you don't have wifi, set up a hotspot with your iPhone and connect to it with your projector.
2. Device side, enter iOS Cast in the main interface
3. Mobile side: open the Apple mirroring function and connect the device to the same screen



8. System upgrade

1. Download the system upgrade file (file name suffix .bin) and place it to the root directory of the USB stick (the format of the USB stick must be fat32)
2. Insert the flash drive with the upgrade file into the USB port of the projector
3. Enter the projector interface, System Settings - System Update - U disk upgrade
4. Click to Confirm
5. Wait for the progress bar to finish, then turn on the projector.

Multimedia play formats

File type	File format
Images	JPG, JPEG, GIF, BMP, PNG
Video	MP4, MOV, ASP, AVI, FLV, H.264, MKV, MPG, RMVB, TP, TRP, TS, WMV, VOB, DAT, ASF
Audio	MP3, WAV, MP3R3P, OGG, AAC, M4A, M4R, FLAC, ODP, WAV, M2U, RM, RMVB

Simple Troubleshooting

The operation of this machine is very simple, just like an ordinary TV set, usually you won't encounter any problems, but there may be some false faults due to the adjacent equipment or voltage, please handle the problem on your own before sending it for repair, if it still does not work properly after troubleshooting, please contact the relevant staff.

Trouble phenomena	Possible causes of troubles
The power indicator does not light up when the power is switched on	Make sure if the power supply plugged in
Pressing the power button on the remote control and still can't switch on	1. Make sure if the switch at the back of the projector turned on 2. Make sure if the remote control battery powered off 3. Make sure if the projector receiving port illuminated by direct light
No image on the screen when the projector is turned on	1. Make sure if the signal selection channel of the projector correct 2. Make sure if the signal source channel turned on 3. Make sure if signal cable plugged in properly
The machine turns off automatically after a short time working	1. Make sure if the air inlet and outlet of the projector blocked 2. Make sure if the voltage too low, or voltage fluctuations too high

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

IMPORTANT NOTE:

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.

FCC 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& your body.

RED Directive 2014/53/EU

Frequency:

BT: 2402-2480MHz (TXRX)

2.4G WIFI: 2412-2472MHz (TXRX)

5G WIFI: 5150-5250 MHz (TXRX)

Transmit Power:

Bluetooth: 8.31dBm EIRP

2.4G Wi-Fi: 17.23dBm EIRP

5G Wi-Fi: 17.14dBm EIRP

Product temperature range: -20-40℃

Pacific Absorption Rate (SAR) information For RED:

According to EN IEC 62311, be used to evaluate the environmental impact of human exposure to radio-frequency (RF) radiation as specified table 2 of Council Recommendation 1999/519/EC.

The RF Exposure is compliant.

EU Declaration of Conformity

for

RED Directive 2014/53/EU

We,
Shenzhen Huafurui Technology Co., Ltd.

hereby, declare that the essential requirements set out in the **RED Directive 2014/53/EU** have been fully fulfilled on our product with indication below:

Product Name: Projector

Model / Brand Name: SW10 / SUREWHEEL

Voltage Range: AC 100-240V, 50-60Hz

Un-Shielding Detachable AC power Cable: 1.5m

Un-Shielding Detachable AUX IN Cable: 0.2m

Un-Shielding Detachable HDMI Cable: 1.45m

Remote Controller

Software version: V1.0.0.14: 2021-11-17

Hardwave version: NL-3H028-MAIN-V1

The following standards have been applied for the investigation of compliance:

EN 301 489-1 V2.2.3 (2019-11)

EN 301 489-17 V3.2.4 (2020-09)

EN 300 328 V2.2.2 (2019 -07)

ETSI EN 301 893 V2.1.1 (2017-05)
EN IEC 62311:2020
EN 62368-1:2014+A11:2017

And apply notified body assessment:

Notified Body :
PHOENIX TESTLAB GmbH
Königswinkel 10
D-32825 Blomberg
Germany

Furthermore, the ISO requirement for the in-process quality control procedure as well as the manufacturing process has been reached. The technical document as well as the test reports will be kept for a period at least 10 years after the last product has been manufactured at the disposal of the relevant national authorities of any Member State for inspection.

Detail contact information for this declaration has been listed below as the window of any issues relevant for this declaration.

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Bianca.Lei

Signature Date 2021-11-12



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