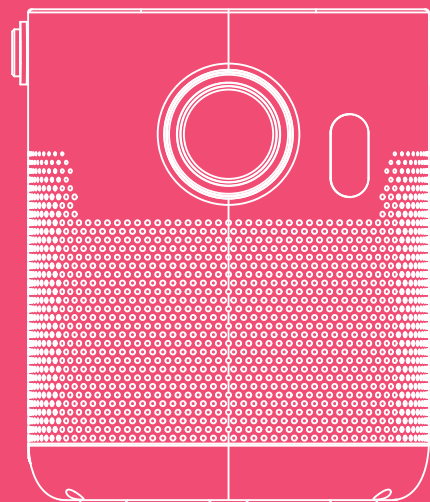




USER MANUAL



✉ support@opoqo.shop

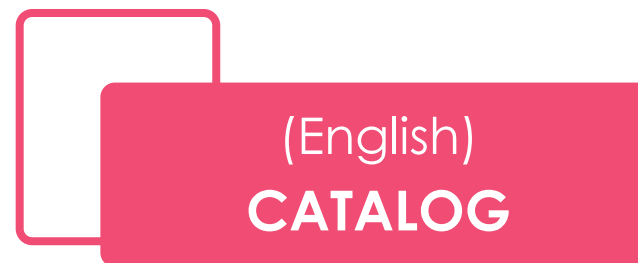


MODEL NO.

BL158



ACTIVATE YOUR 12-MONTH WARRANTY &
CUSTOMER SERVICE



Safety Instructions.....	1
Disposal	4
Package List.....	5
Overview	6
Remote Control	7
Getting Started	8
Connections	9
• USB connection	10
• HD connection	12
• BT connection.....	13
• 3.5mm audio connection	14
• WiFi wireless screen mirroring	15
Menu Settings	21
Projector Installation	22
Technology Features.....	23
Questions&Answers	24

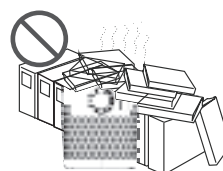
Safety Instructions

Read all instructions before you use this device. Do not make any changes or create settings that are not described in this manual. If physical injury, loss of data or damage is caused by failure to follow instructions, the warranty does not apply.

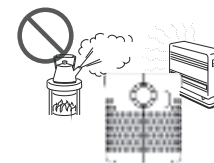
Setup

1. To reduce the risk of fire or electric shock, do not expose the device to rain or moisture. Objects filled with liquids, such as vases, should not be placed on this device.
2. Do not place this device on soft surfaces such as tablecloths or carpets, otherwise the device could be a fire hazard.
3. Do not place this device in areas susceptible to excessive dust and dirt or near any appliance generating a strong magnetic field.
4. To prevent overheating, do not block or clog the ventilation openings.
5. Never place this device in a confined space. Leave enough space around this device for ventilation.
6. Protect this device from overexposure to direct sunlight, heat, large temperature fluctuations and moisture. Avoid extreme temperatures. The suitable operations and storage temperature for this device and its accessories is (0°F to 95°F).
7. When this device is running for a long period of time, the surface may become hot. Shut it down immediately and unplug the charger. Resume operation after this device has cooled down.
8. Always handle this device with care. Avoid touching the lens. Do not allow children to handle the device without supervision.
9. Never place heavy or sharp objects on this device.
10. To avoid electric shock, do not disassemble.
11. Use attachments or accessories specified by the manufacturer only.
12. Avoid extreme vibrations as they may damage the internal components.

The following safety instructions ensure the long service life of the projector to avoid fire or electric shock. Please read carefully and pay attention to the following warnings.



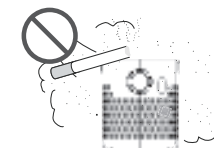
Don't install the projector in sites with improper ventilation.



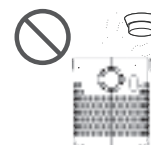
Don't install the projector in hot and humid sites.



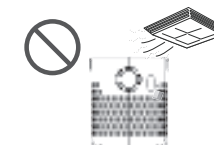
Don't cover the projector ventilation holes with any material.



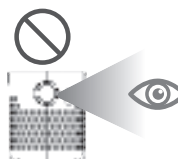
Don't install the projector in dust and smoke sites.



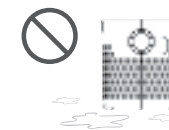
Don't install the projector near the temperature and smoke transducer. It may cause a sensor failure.



Don't install the projector in sites with direct blowing of warm and cool air-condition wind.



Please do not look into the lens when the projector is working, otherwise it may hurt your eyes.



Please keep the projector away from water or any other liquid as it is not waterproof.

• FCC Statement

Radiation Exposure Statement.

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 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 important announcement Important.

• 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 of 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

• Notice

(1) Please use the power cord with caution to avoid unduly bending. Damaged power cord may cause electric shock.

(2) Please use the projector with caution to avoid dropping or shocking, which may damage the internal components.

(3) Please use the same power voltage as marked on the projector.

(4) Please use the projector in a dark room for best results.

(5) Please do not disassemble the projector by yourself, otherwise the warranty will be void.

(6) Please do not look into the lens when the projector is working, otherwise it may hurt your eyes.

(7) Please turn off and unplug from the power supply if not using the projector for a long time.

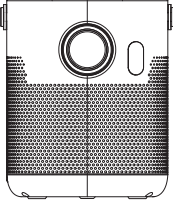

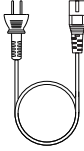
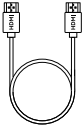


Disposal

E-waste recycling instructions

All electronic waste is made up of deadly chemicals such as lead, cadmium, beryllium, mercury and brominated flame retardants. Disposing of gadgets and devices improperly increases the chances of these dangerous chemicals contaminating the soil, polluting the air and leaching into water bodies.

Please find an e-waste recycler who is officially certified by the Basel Action Network (BAN)

Package List

		
Projector × 1	Remote Control × 1 (Batteries are not included)	Power Cable × 1
		
HD Cable × 1	Projector User Manual	Quick Start Guide

Tips:

1. Blurry Image

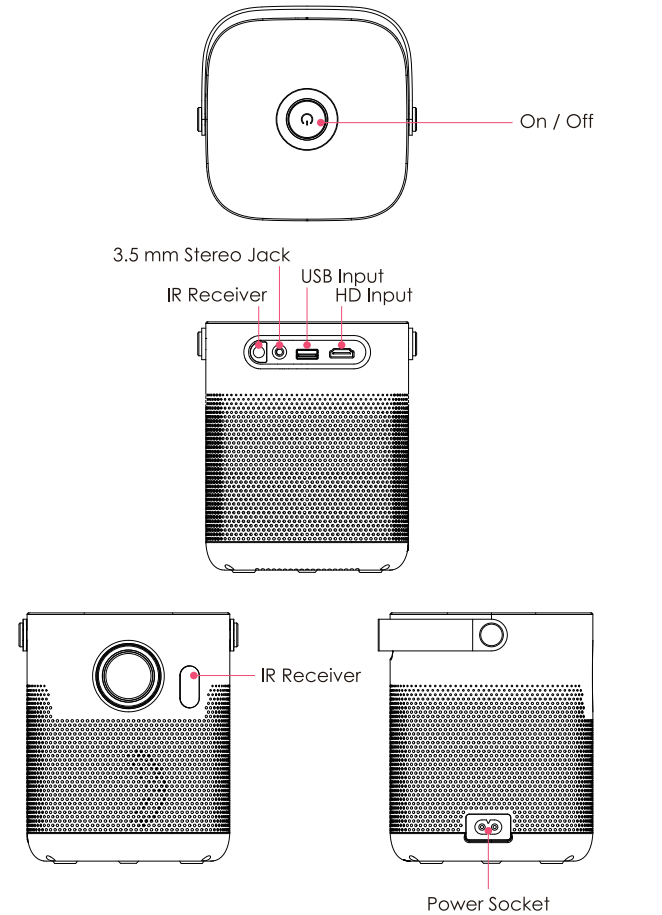
* Go to setting - Display - Turn on the Auto Four - Corners Correction or enter Manual Keystone to adjust the image.

* Press the focus button on remote control to get the best clarity.

2. Mounting Hole

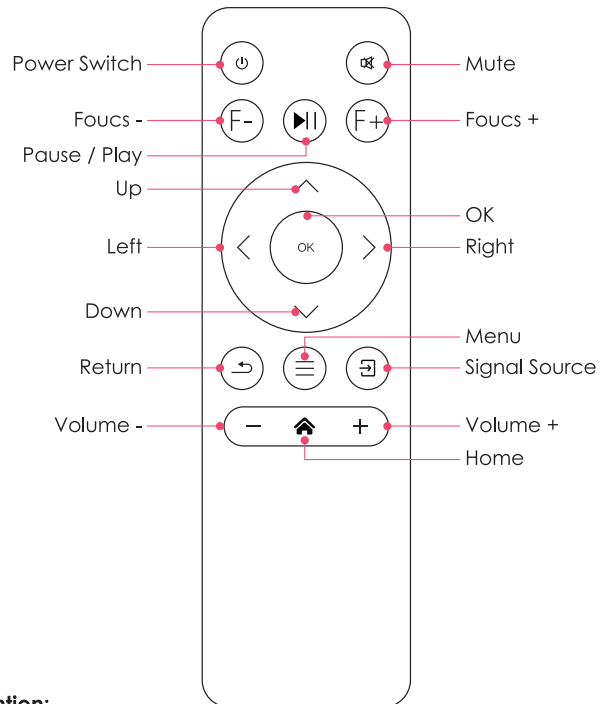
Adopting a single mounting hole dual-use design, the projector is compatible with the standard camera tripod and 1/4 inch screw projector tripod stand.

Overview



Attention:
Do not block any ventilation openings!

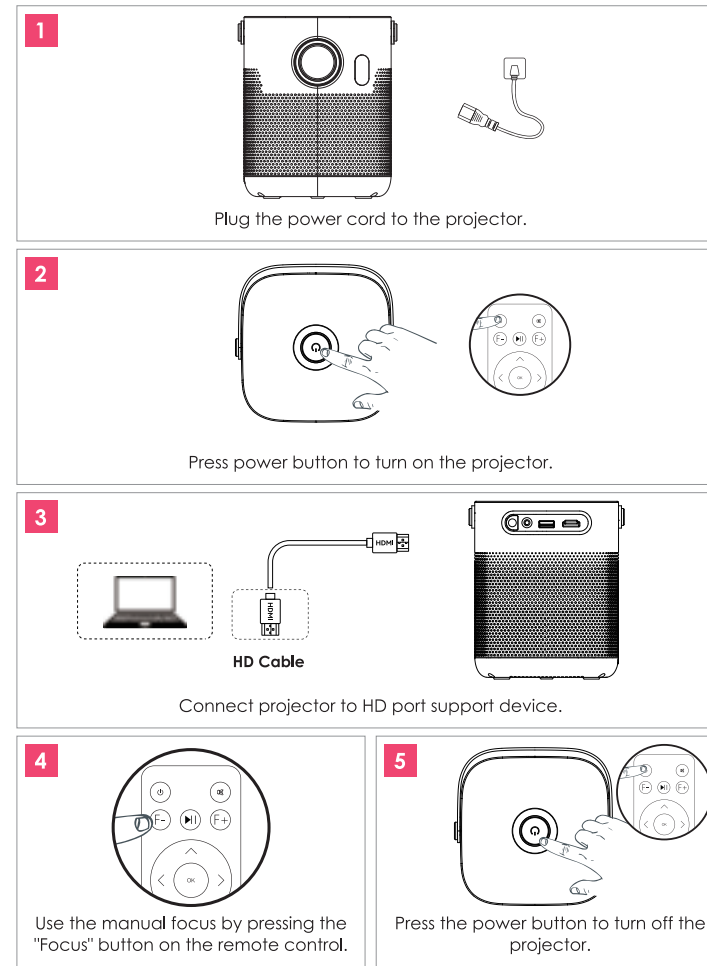
Remote Control



Attention:

1. Do not submerge the remote control in water.
2. Do not put the remote control near fire or in wet or hot places.
3. Do not use old and new batteries together in the remote control.
4. Please take the batteries out if not using the remote control for a long time to avoid battery leakage.
5. Please point the remote control toward the IR receiver.
6. Please use the remote control within 6 meters distance and 30 degree angle.
7. If this part is missing, please contact our customer service email address in the Quick start guide or contact the seller you bought this device.

Getting Started

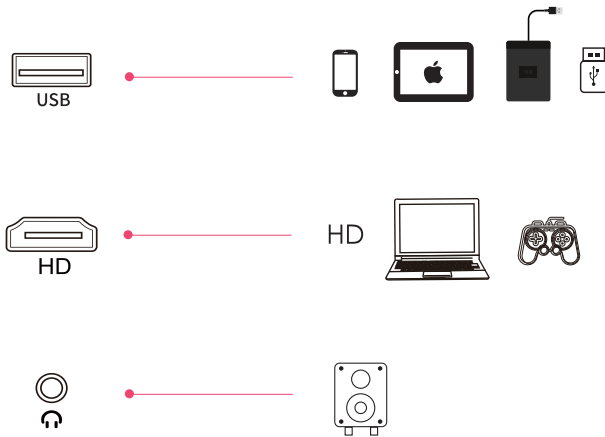


Tips:

Make sure the projector is horizontal to the projector screen.

Connection

• Projector interface connection

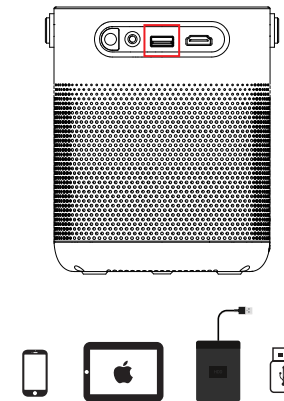


Connect multiple devices and applications.

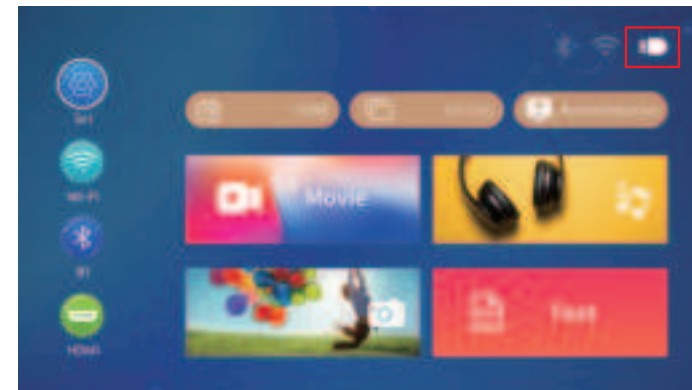
• USB connection

a. Insert the USB flash/storage hard drive into the USB port and choose USB as source from the menu.

(The USB icon on the main interface will turn blue after the USB is inserted. If the USB icon on the interface does not display blue, you need to insert it again or check whether the USB disk is faulty.)



▲ USB1: Phone/Pad Connect "Screen Mirroring" + Rechargeable + Readable U Disk



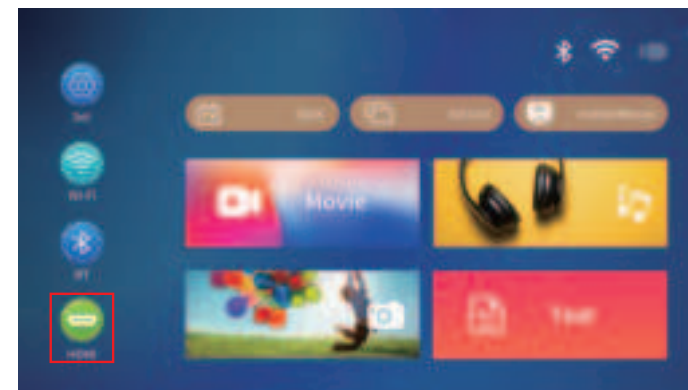
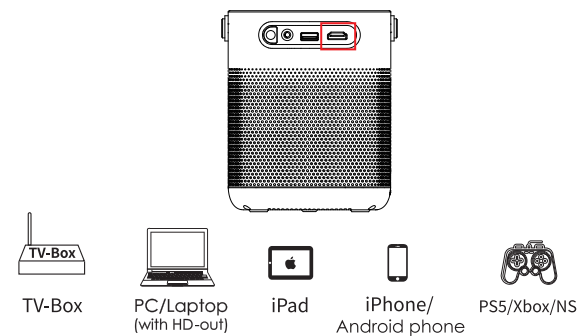
Supported multimedia formats

b. Choose the content which you need to play.

File	Format	Suffix	Decoding
Video Play	MPEG1	.dat\ .mpg\ .mpeg	\
	MPEG2	.mpg	\
	MPEG4	.avi\ .mp4	DIVX,XVID
	H264	.mkv\ .mov	H.264
	MJPEG	.avi	\
Picture Play	JPEG	.jpg	\
	BMP	.bmp	\
	PNG	.png	\
Audio Play	MP3	.mp3	\
	M4A	.mp4	\

• HD connection

a. Use the HD port to connect computers and HD compatible devices.
Once connected, select the HD signal source.

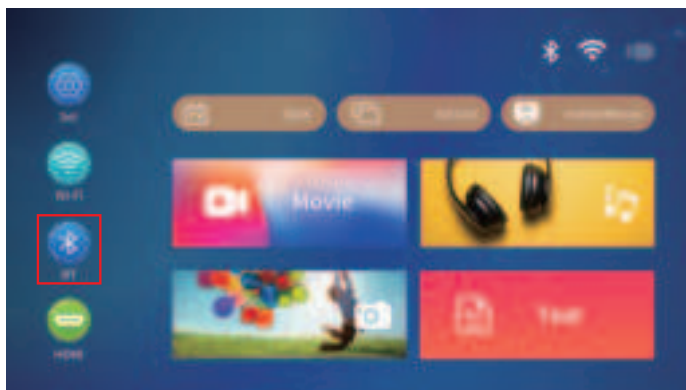


Tips:

1. Mini Display Port to HD Cable , Thunderbolt to HD Adapter are needed to be compatible with Apple iMac, MacBook, Surface, ThinkPad.
2. Supported resolution:
576P, 480P, 720P, 1080P, 640x480, 800x600, 1024x768, 1280x1024, 1280x720, 1440x900, 1366x768, 1920x1080, 1280x800, 1440x960, 680x1050.

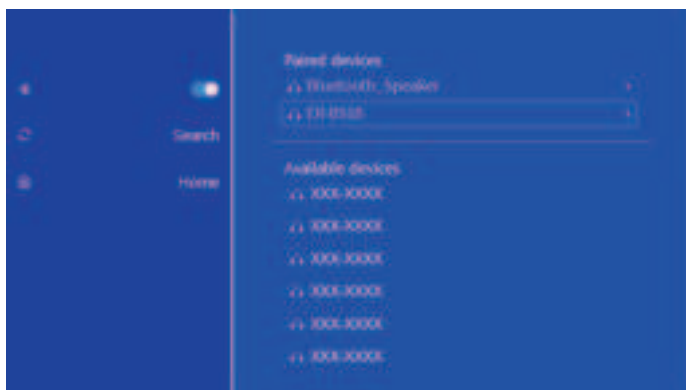
• BT connection

a. Select **"BT Settings"**. Setting up your BT.



b. Press **"OK"** key to turn BT on.

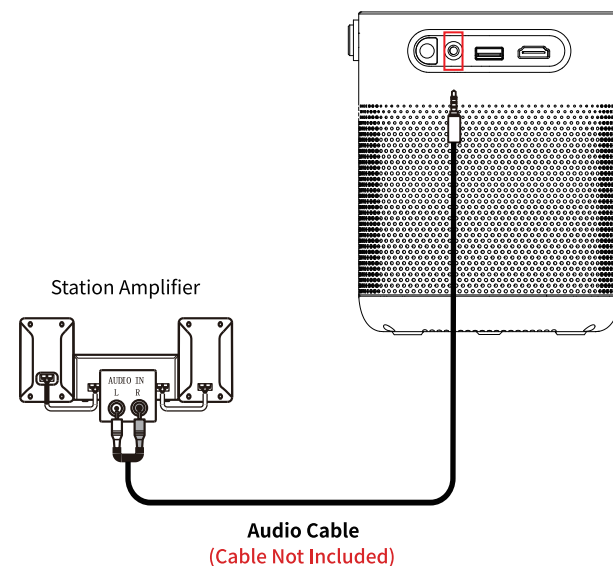
c. Select **"Scan for devices"** and press **"OK"** key to scan nearby BT speakers.



d. Select your BT speaker from the list, press **"OK"** key to connect (pair).

• 3.5mm audio connection

a. Use a 3.5mm audio jack to connect headphones and speaker equipment.



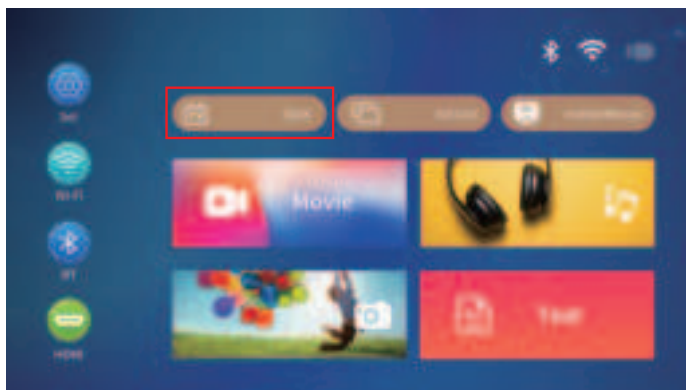
● **WiFi wireless screen mirroring**

a. Wireless Projection For DLNA

Step 1. The phone/Pad must be on the same network as the projector device.

Step 2. Open the video playing app.

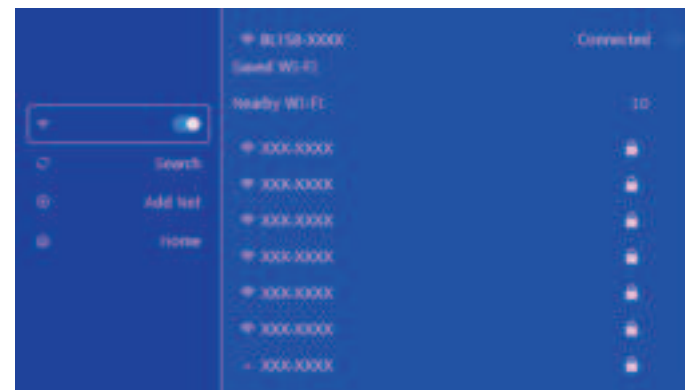
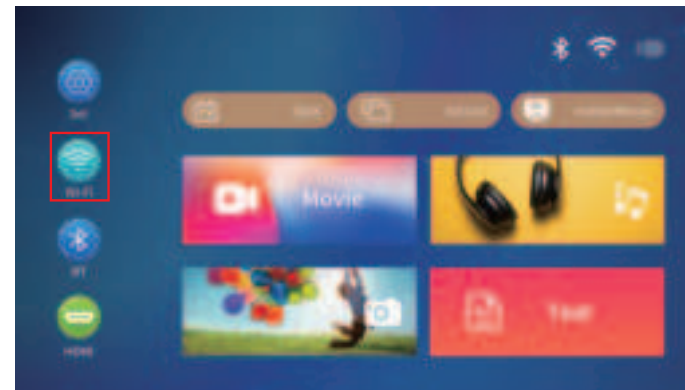
Step 3. Click the TV icon and select the device name: BL158-XXXX.



b. For iPhone/iPad/iPod touch (iOS system)

Streaming with your WiFi (wireless connection)

Step 1. Turn on the projector and select **"WiFi"**. Setting up your WiFi.



Step 2. Go to the **"iOS Cast"**.



Step 3. Connect your iPhone/iPad to the same WIFI. Open **"Screen Mirroring"** on your device and click **"BL158-XXXX"** to connect.



c. Wireless connection to Android system

To use this function, your Android device must support the Multi-screen/Wireless display.

Step 1. Turn on the projector and select **"Miracast"**.



Step 2. Go to the Android device **"WIFI"** and select your WLAN.

Step 3. Activate Multi-screen function in your Android device and search for the projector, select **"BL158-XXXX"** and click to connect. Your Android device display will be projected to the wall/screen after a successful connection.

Please note:

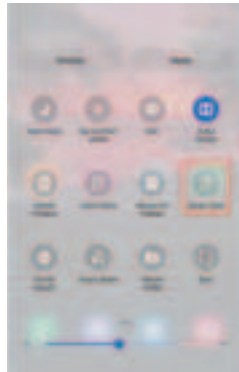
1. Make sure your mobile device is within 3 ft distance from the projector when using wireless connection.
2. Some mobile devices do not support screen mirroring.

Example:

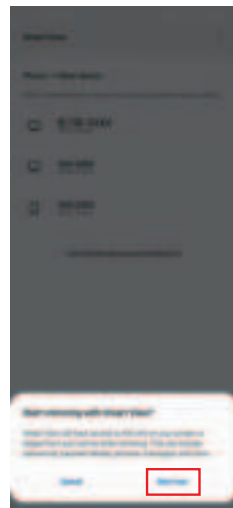
Connect to a SAMSUNG S21u Mobile Phone.

Step 1. Turn on the projector and select "Miracast" Screen Mirroring as the input source.

Step 2. Go to the phone "Settings" and open your Wi-Fi.



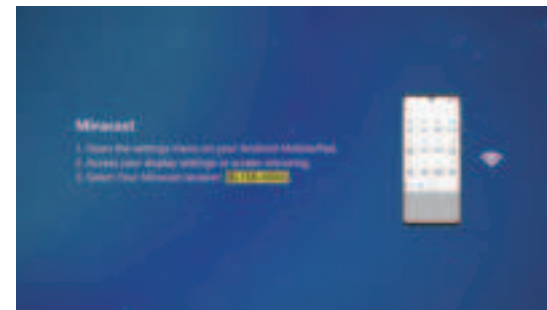
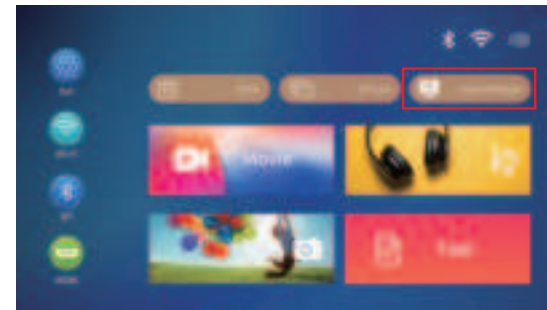
Step 3. Open the "Smart View" on your device, select "BL158-XXXX" and click to connect.



d. Wireless connection to Windows

To use this function, your Windows device must support the Wireless display.

Step 1. Turn on the projector and select "Miracast" Screen Mirroring as the input source.







Step 2. Turn on the computer, Enter "WIN+P" Choose "connect to the wireless display"

Step 3. Click "BL158-XXXX" to connect.

Menu settings

a. Projection Settings

 Picture	Parameter	Option
	Projection Mode	Standard / Soft / user / Vivid
	Color Temperature	Medium / Cool / User / Warm
	Aspect Ratio	Auto / 4:3 / 16:9
	Noise Reduction	Set the noise reduction strength of the screen
	Screen	Set the projection screen
	Projection Direction Front	Front / Rear / Front Ceiling / Rear Ceiling
	HD Mode	Set the HD mode
 Sound	Parameter	Option
	Sound Mode Standard	Standard, Music, User, Sports, Video
	Balance	Set the gain difference of left and right sound channels
	Auto Volume	The system will automatically adjust the volume to the appropriate range with automatic volume enabled
 Time	Parameter	Option
	Sleep Timing	Then the system will automatically sleep to save energy
 Option	Parameter	Option
	OSD Language English	Language settings
	Restore Factory Default	Restore the factory default setting
	Blending	Layer Blending off / Low / Middle / High
	OSD Duration	Enable / Disable the menu display time
	Software Update(USB)	—

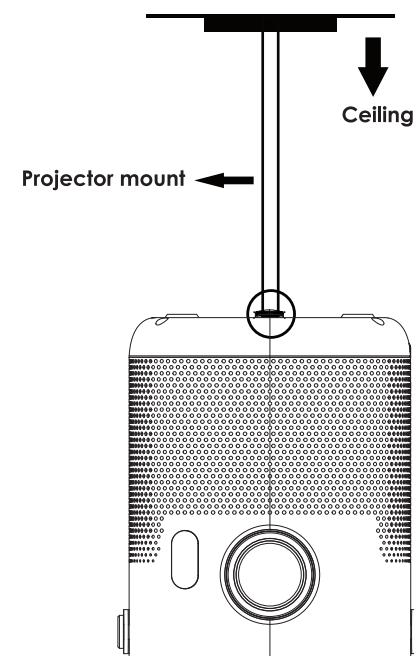
PS: Software Update (USB) if there is a software problem (can't start, system down..) you need to contact customer service for providing the local upgrade.

Projector Installation

Place your projector on the ceiling

1. When installing the projector on the ceiling, please purchase a projector bracket recommended by an installation professional and follow the instructions supplied with the bracket.

2. Before installing the projector on the ceiling, please check if the mounting structure can support the weight of the projector and the bracket. If in doubt please consult the advice of an installation.



Fixed Hanger Screw Hole Type: 1/4 inch.

NOTE: Projector bracket and screw (s) are not included.

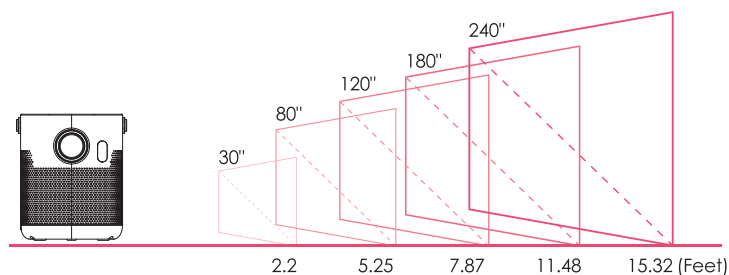
Technology Features

a. Parameters

Product Model	BL158	Projector Size	5.44*5.04*6.22 inches
Image System	LCD	Light Source	LED
Native Resolution	1280*720 Pixels	Aspect Ratio	16 : 9 / 4 : 3
Image Size	30-240 inches	Projection Distance	2.2 - 15.32 Feet
Projection Mode	Front / Rear / Ceiling	Keystone	±35°Correction
Rated Power	48W ±3%	Power	AC 100 - 240V
Input	AV*1, USB*1, HD*1	Wi-Fi Frequency Band	2.4G / 5G

b. Projection Distance and Screen Size

Recommended Projection Distance: 2.72-9.84 Feet



NOTE: Because the optical device has about 3% error, the above data is for reference only, please install the projector according to the actual measurement.

Questions&Answers

* Problems listed below might occur during the operation of your projector. Please refer to the possible factors which might cause the issue to do trouble-shooting.

[Audio]Q: Why is the audio of the projector available but no display?

A1: The video format is not supported by the projector.

A2: Encryption applied to the videos or media player which holds the video.

A3: If the lamp of the projector is off with only audio playing, the lamp is defective.

A4: Try another HD cable if you select the HD input source.

A5: Try YouTube if your screen mirroring player is Netflix, Amazon Prime, Hulu or Disney+. The problem will happens when playing these applications because of copyright.

[Mounting]Q: What kind of screws do I need for mounting this projector?

A1: 1/4 inch.

[Image]Q: What can I do if the image is blurry?

A1: Press the focus button of the remote control.

A2: Place the projector on a flat surface horizontally or vertically.

An inclination at any angle may result in blurry displays or uneven colors.

A3: Darker environment suggested achieving the best projection performance.

A4: The eligible distance between the projector and projecting screen/wall is 1.2-3.2 meters.

A5: Projecting wall or screen is clean white if possible.

[Image]Q: How can I do if the image is up side down?

A1: Enter Setting - Display - Projection Mode to rotate the image.

[Image]Q: How can I do if the projection screen is not square or allied horizontally?

A1: If the projection screen is not square, you could enter Setting - Display -Manual Keystone to adjust the image.

A2: Make sure the projector is placed on a flat surface with a projector light in the middle of the screen.

A3: Make sure the projector screen is placed horizontally.

[Image]Q: How can I do if there is color distortion?

A1: Make sure the video source has a fine resolution.

A2: Reset the projector to manufacturer setting: enter Setting-System - Factory Reset to reset.

[Image]Q: How can I do if there is line/blurry screen in the projection picture?

A1: Please restart it to see if it can be solved. The line/blurry screen is caused by the motherboard or screen.

[Remote Control]Q: How can I do when the remote is unresponsive?

A1: Make sure the batteries are installed correctly and the power is enough.

A2: Please make sure the IR receiver is not covered.

[Setting]Q: How can I change the language?

A1: Enter Setting-System-Language to select your language.

[Damage]Q: How should I do if there is expanding dark spot or smoke when using the projector?

A1: Check if the fan noise increases or the fan stops working.

A2: Make sure the outlet and projector power adapter are not wet or humid which will cause sparks or smoke on outlet when power on the projector.

[Shut Off]Q: Why does the projector shut off during playing?

A1: Make sure the power plug is working and firmly fitted into the outlet.

A2: Overheat the projector will activate the built-in power-off protection panel.

Restart the projector when it gets cooler.

[USB]Q: Why doesn't anything work in the main interface especially with external storage connected?

A1: Correct Input Source must be selected when you use the USB disk, otherwise no signal will be shown on the screen.

[Wifi Connection]Q: When the projector opens the same screen mirror interface, no signal blue screen is displayed, and WiFi does not display?

A1: Attempt to power off and restart whether to recover.

[Screen Mirroring]Q: Video cannot be mirrored to the projector? Or is there sound or picture in the mirror image? No picture, no sound?

A1: Copyrighted cannot be mirrored on the same screen, for example (prime, Hulu, Netflix, Disney +).

PS: (prime, Hulu, Netflix, Disney +) streaming media with copyright can try to play the same screen on the web page.

A2: Is the source resolution too high (For example 4k, 8k)? Or the video refresh rate exceeds 60hz?

Please note that the projector only supports 60Hz and the video source cannot exceed 1080P.

[Screen Mirroring]Q: Screen mirror jam, frame drop, delay, automatic disconnection?

A1: The smoothness of the screen image is related to the quality of the network.

[Screen Mirroring]Q: Screen mirroring can't connect to the network?

A1: The router at home is fully connected (sometimes the connection of our mobile phones is unsuccessful, and the router itself limits the number of connected devices).

A2: The password entered is incorrect (check the password).

A3: The machine is too far from the router device.

A4: If the WiFi of the machine fails, turn it off and start it for test, or restore the factory setting once.

[HD Connection]Q: Why does the projector show "No Signal" when HD connecting with phone?

A1: Please read the instructions of the HD adapter carefully before connecting.

A2: Please make sure to use an original cable, check the correct HD ports, or any damage of the cable.

A3: For the first time connection to some computers, it needs to make setting of the projector: Set - display - set the projector as the second screen.