

Important Safety Precautions

You are recommended to use the projector in a dark room to achieve the best effect.

- Please don't install places that directly blow by cold and warm air of air conditioning, water convection or high temperature may lead to failure to the machine.
- Ensure adequate ventilation and vent are not blocked to prevent heat accumulation inside the machine.
- Please prevent foreign matters such as nails or paper scraps from falling into the machine. Do not insert any mobile stuff as far as is possible into the machine. Please turn off the power immediately and turn to professional technician to remove it as long as foreign matters fall into the body.
- Do not place any liquid on this machine to avoid risk of electric leakage.
- Please use soft packaging materials to move the projector, install lens protection cover. Squashed the lens lens covering, it will lose the original lens optical properties.
- Please use the cabinet and become hot during and after we use the projector. It may lead to scald if we touch with hands.
- Please don't watch lens directly when it's on so as to protect our eyes from damage.

⚠ Note:

- Don't open the shell to prevent electric shock. Please turn to qualified professional maintenance personnel for the maintenance as there are no parts in the machine that users can repair themselves.
- Don't shake the machine to rain or moisture so as to prevent radio or electric shock.

Important Safety Precautions

Do not install in places with poor ventilation. Do not install in places that hot and humid.

Do not touch the lens directly or directly shake.

Projector Part name and Function

Labels: Handle, Remote control Signal Receiving Window, Heat Radiation Outlet (Do not block), Headphone Interface, USB Interface, AV Interface, HDMI Input, Heat Radiation Outlet (Do not block), Power Supply Input, Horn.

Installation and Adjustment

1. Device Power-On and Power-Off

Power-On
Normal: Press the power button on the projector to start. Method 2: Point the remote control to the projector and press the power key to turn it on.

Shut Down
Short press the power button or the **⏻** key on the remote control, enter shutdown preset time appears. Short press the power button or the power key on the remote control again.

2. Adjusts Focal Length

Schematic diagram of blurred image.

Focal Length: When the picture image is blurred (indicated as the right picture), adjust the lens focus through "C"/"F" on the remote control to achieve the best definition.

Basic Parameters

Parameters	TV Interface	Audio Interface	LED
Light Source	COB (Super Bright LED)	None	Inverted Thermal Box
Operating Mode	Remote Control	Working Temperature: 0-35°C	
Output Port	Headphone Audio Output	Head Port	HDMI/USB/AV
Net Weight	1.8kg	Machine Size	13*20*10cm
Accessory	User Manual/Remote Control/Power Cord/Adapter		

Remote Control

Labels: ON/OFF, Arrow Key, Focus Key, Voice Key, Short press, Menu, Long press, Press remote, OK, Return, Volume, Mute, Home.

Bluetooth pairing is required for the voice remote. Press **⏻** on the remote control to enable Bluetooth pairing of the voice remote control according to system prompts.

Mobile Phone with the Same Screen

The following steps can help us to display content of our mobile phone to projection screen conveniently through wireless and just enjoy with a larger screen. Available for Android (Android version only). Equipment requirements: support version above iOS8 and Android 5.0 Min.

Support: iOS8 or Over iOS8. Support: Android 5.0 Min.

IOS Devices User Instruction

- Ensure the Phone and Projector are under the same WIFI (For iOS Only).
- Open Settings of the projector.
- Open "Mirroring" (Mirror) of the Phone.
- Choose the device with the same name with EchoShare to complete mirror.

⚠ CAUTION: Please do not connect external sensor under the product. Do not stare at operating lens. May be harmful to the eyes.

⚠ CAUTION: Do not stare from this product. Eye or skin irritation may result from exposure. Use appropriate caution.

⚠ CAUTION: Be careful from this product. Do not stare at operating lens. May be harmful to the eyes.

Mobile Phone with the Same Screen

Android Devices User Instruction

- Ensure the Phone and Projector are under the same WIFI (For Android Only).
- Open Settings of the projector.
- Choose the device with the same name with EchoShare to complete mirror.

Mobile Phone with the Same Screen

How to be with the same screen for iPhone under status of No WiFi

- If there is no WiFi, firstly open 4G network of iPhone, then open WiFi hot spot in the "Settings" interface of the phone.
- Click "Phone's Hot Spot" for the projector.
- Open "Wi-Fi".
- Click "Wi-Fi".
- Click "Wi-Fi".
- Find the projector and click.

Mobile Phone Projection

How to "push" contents to the projector

* Note: Advantage of push is it does not affect normal use of the mobile phone.

- Ensure the Phone and Projector are under the same WiFi.
- Open video software of the mobile phone and find the TV push icon in the four corners (it's usually on the top right or on the bottom right). Each APP has different push icon design.
- Note: Not all video software have function of push.
- Click this icon to push video to the projector. At the same time, we can have other operations on the phone, it will have no conflict.

Schematic diagram of screen push icon.

Singal Source Setting

Enter Setting interface in the main screen and **⚙** adjust input source. Enter into AV/USB signal channel, Press "OK" to switch input source.

Note:

- If you want to return to the previous page, please press the return key.
- If you want to return to the main interface, please press the main screen key.

U Disk Support Format

File Type	File format supported
Picture	JPG/PNG/BMP/GIF
Video	WMV_2006/AVI/3GP/264/MPEG-4/AMV/ASF/H.264/MPEG-2/MP4/H.265/H.264
Audio	MP3/M4A/WMA/MP3/AC3/ogg

Note: Specific operation contents are subject to actual situation due to irregular update of the product system.

Projection Distance Reference

Projection size (under status of 100% brightness)	Screen length * width (cm)	Lens - screen (m)
40	0.97*0.53	1.27
60	1.37*0.75	1.96
80	1.76*0.97	2.59
90	1.95*1.05	2.71
100	2.11*1.25	3.35
120	2.66*1.49	3.81
160	3.32*1.91	4.88
180	3.76*2.12	5.53
200	4.43*2.40	6.51
250	5.54*3.11	8.14

Note: Projection size and distance are calculated according to projection ratio, which may have a deviation and subject to actual situation.

Cleaning Method

Please make sure the power plug is unplugged before cleaning.

Do not use pesticides or other volatile chemicals on the projector or lens. Do not get rubber or vinyl products contacts the projector for a long time, which will damage the coating and make it peeled off.

- Clean the Projector
- When with a really dirty outer shell, if it is dried seriously, we can wipe with wet cloth. But once with diluted neutral detergent, then dry with a clean and dry cloth. Please dry more thoroughly if used with chemical fiber cloth.
- Can Use Power Brush or any other objects to avoid quality reduction or coating peeling off etc.
- A brush can be inserted into the front of the vacuum cleaner to remove dirt inside the vents. Please don't use vacuum cleaner with no connector, or clean with wet cloth directly.
- Please don't scrape the exterior with nails or any other hard objects so as to avoid scratches.

- Lens Cleaning
- Clean with the same method for camera lens, please use professional lens paper or cleaning paper for glasses, ensure lens are not scratched.
- Hot and Cold Dry Cleaning
- Quick in this light and night and prevent ventilation and increase the internal temperature, which will cause defect.
- Disconnected power line after turn off the projector.
- When the center air is dirty, please clean, please install fresh head adapter on the vacuum cleaner first, kindly have note, don't use vacuum cleaner with no connector or brush.

Poisonous and Harmful Substance, Element Name and Content

Part name	Hazardous substance						
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium (Cr)	Polychlorinated Biphenyls (PCB)	Phthalates	Other
Shell	0	0	0	0	0	0	0
Optical Machine	0	0	0	0	0	0	0
Circuit Board	0	0	0	0	0	0	0
Fan	0	0	0	0	0	0	0
Cable Wires	0	0	0	0	0	0	0
Remote Control	0	0	0	0	0	0	0
Power Supply	0	0	0	0	0	0	0

Q: Content of the hazardous substance in all homogeneous materials of the components is under the limit of EU T100/2006.

X: Content of the hazardous substance exceeds the limit requirements specified by EU T100/2006 or at least one homogeneous material of the components. The components under "X" have no substitution due to global technology development (rate, Circuit board assembly, including printed circuit board and its components, electronic components, etc).

10: The number in the logo represents the normal environmental service life of the product. (Battery Excluded)

Warranty Card

1. We offer "three guarantees" for this product. One year warranty for non-artificial damaged items purchased subject to purchase receipt.

2. We will provide warranty service for any defect caused by product technical reasons during warranty period.

3. Following situations are not of the scope of guarantee:

- Accessories out of the main frame
- Unauthorized disassembly and repair without our consent
- Damage that caused by external force and other natural disasters.

4. Please fill this card and contact your distributor when products have quality problem.

5. This warranty is limited to product maintenance during the warranty period, no other liability.

After-Sale Service Card

Customer Name: Purchase of Date:
Customer ID: Customer Tel:
Fault Description (Please describe in detail for quick maintenance):

Certificate
QC: 10

Wanbo

Wanbo Projector

(Introduction Manual)

Before using this product, please read the product manual carefully.

Thank you for purchasing our products. For your safety and benefit, please read this product manual and all safety warnings on the label. Use the product in the correct or appropriate way, and clean up personal things properly in other places. The company will not bear any responsibility.

FCC 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.

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.