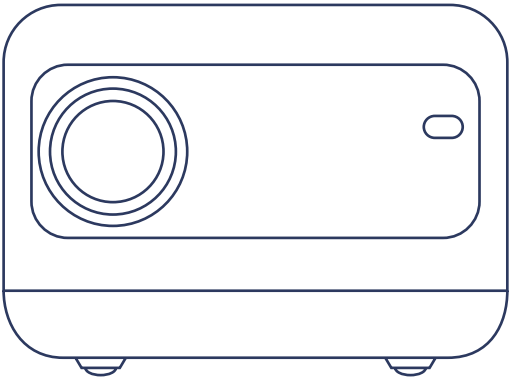
DBPOWER

H89 HD PROJECTOR

USER MANUAL



Power Your Life

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IMPORTANT SAFEGUARDS

Installation

- Please read the user manual carefully before using the projector.
- To get a better watching, please use this projector while drawing the curtain or in a dark room.
- Please use the projector carefully, dropping or crashing may damage parts or result in blurred images and abnormal displaying.

Power

- Be careful while using the power cord, avoid excessive bending; the damage of power cable may cause electric shock and fire.
- It is better to unplug the power cord after power off.
- Only use the power cord supplied with this product with an electrical socket that is earthed properly.
- Please use the same power voltage as marked on the projector.

Cleaning

- Unplug the power cable firstly.
- Clean the shell regularly with a damp cloth, neutral detergent can be used.
- Please use a glasses cloth or lens paper, not to scratch the lens.
- Please clean projector's vents and speakers regularly by banister brush, or the ventilation will be blocked.

High Temperature and Waterproof Attention

- While projection or just finishing, the exhaust port nearby will be very hot, if touch it, would get scald.
- While projection, please do not look the lens directly, or may hurt eyes.
- Please keep the projector away from the water or any other liquid as it is not waterproof.
- Please do not put the projector in wet or moist conditions to prevent electric shock.

***Warm Tips**

- Do not disassemble the projector, if not, there will be a risk of electric shock, and the disassembling affect the normal warranty.
- Please do not put any liquid or heavy stuff on the projector.
- To ensure the stability of heat dissipation, please open the height bracket in the bottom of the projector before starting.
- Change your PC/laptop screen resolution to 1920*1080 for the best clarity.
- This projector can only support Mira-cast WiFi screen mirroring protocol. If you are using phone (Google/MOTO/Sony/Samsung) that supports other protocols(Like Chrome-cast WiFi screen mirroring), there will be no picture display but only audio works. You may need to use a wired connection or use other phones that are compatible with Mira-cast protocol.
- Due to HDCP copyright, this projector doesn't support Netflix, Amazon Prime and Hulu, but you can use amazon fire stick. This is a very common phenomenon in the market. It's not a problem with the projector.
- Please turn off the Dolby sound to make the sound work properly when it can't work due to the copyright protection issue.

CUSTOMER SERVICE & WARRANTY

Thanks for purchasing DBPOWER PROJECTOR and becoming our valued customer. We are committing to improving your daily life with our products. Your satisfaction is our first priority.

DBPOWER offers a 3-year warranty + 30 days return/exchange policy + lifetime tech support for this product.
If you don't like it,
If you have user manual problem,
If you are missing accessories,
If your package got damaged,
If your product can't be used,
If you have any questions, suggestions and feedback,
Please contact with our customer support team at 1-855-888-5533 or support@dbpowershop.com, www.dbpower.com
To help you solve problems quickly, please provide us with the following information:
*Amazon order number
*A brief description of your problems: problems + pictures/videos + ways you have tried.

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.
The manufacturer is not responsible for any radio or interference caused by unauthorized modifications or change to this euipment. Such modifications or change could void the user's authority to operate the equipment.
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 noguarantee 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.
- Consult the dealer or an experienced radio/TV technician for help important announcement Important .
- Consult the dealer or an experienced radio/TV technician for help.

RF Warning statement:
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

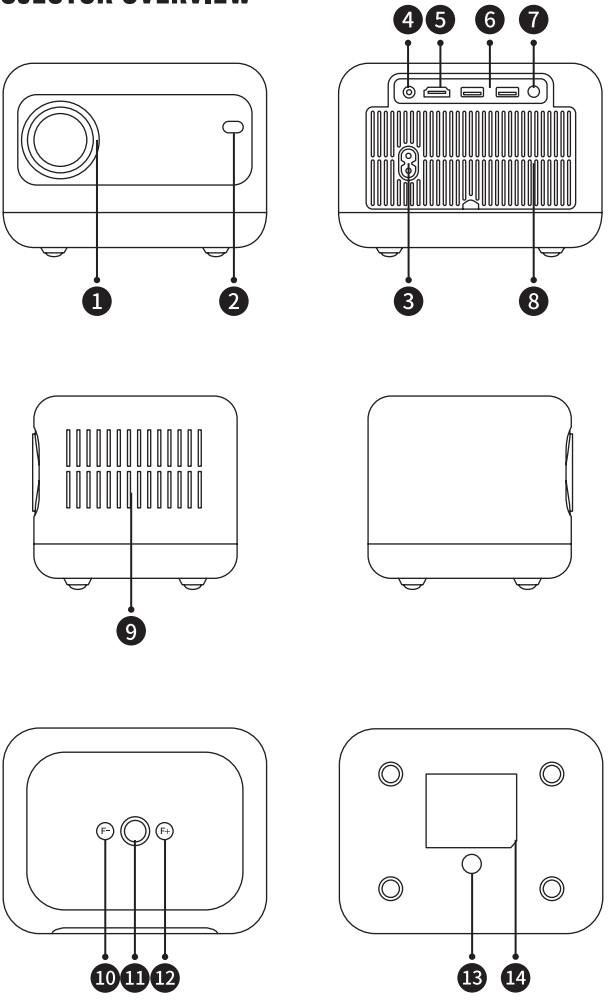
PACKAGE LIST

Projector*1	Remote Control*1	Power Cord*1
HDMI Cable*1	Cleaning Cloth*1	User Manual*1
Lens Cover*1		

PROJECTOR SPECIFICATIONS

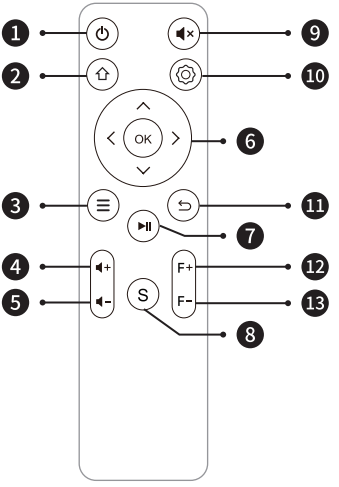
Model No.	H89	Aspect Ratio	4:3/ 16:9
Display Tech	LCD	Light Source	LED
Color Game	16.7M Full	Size	6.3x4.92x5.12inch
Weight	2.43 lb	Power Voltage	AC100-240V~50/60Hz
Output Port	Headphone	Input port	HDMI/ USB
Projection Method	Front/Rear on Desk		
Operation Mode	Remote control		
Video Format	AVI/ MP4/ MKV/ FLV/ WMV/ MOV/ RMVB/ MPEGI/ MPEG2/ MPEG-4/ XVID/ JPEG		
Audio Format	AAC/ MP2/ MP3/ PCM/ FLAC/ WMA		
Image Format	JPG/JEPG/BMP/PNG		

PROJECTOR OVERVIEW



1	Projector lens	Optical coated glass lens
2/7	IR window	Infrared signal receiver
3	Power Cord Port	Insert the power cord
4	Headphone Jack	3.5mm Headphone Output
5	HDMI Ports	HDMI input
6	USB Ports	USB 1 port / USB 2 port
8	Detachable Dust Filter	Clean the dust (if the screen has a black spot)
9	Vent	Prevent the projector from overheating
10	Manual focus-	Adjust it and get the clearest image
11	Power button	Turn on/off the power
12	Manual focus+	Adjust it and get the clearest image
13	Projector Mount Hole	Fix the projector with a tripod (1/4 inch screw)
14	Bottom label	Nameplate on the bottom of the projector

REMOTE CONTROL



1		Turn on/off the power
2		Back to the main menu
3		Pull up the menu
4	+	Volume up
5	-	Volume down
6		Used to adjust the parameter of the projector in the menu mode
7		Play and Pause
8	S	Select the input signal source
9		Close the sound
10		Make system settings
11		Return to the previous menu
12	F+	Manual focus+
13	F-	Manual focus-

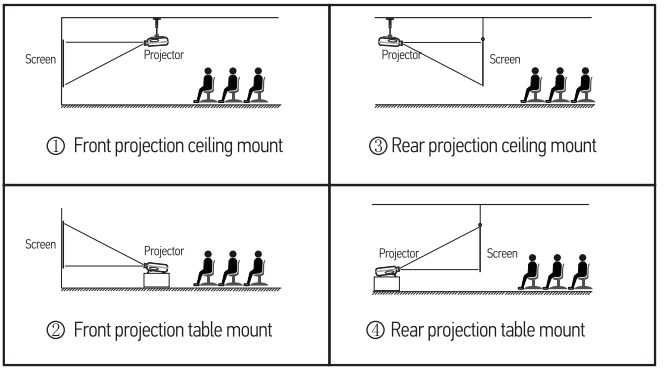
Note:

1).Install 2 pieces of AAA batteries into the remote before using it. Do not combine new batteries with old ones in remote controller, which can cause operation failure due to insufficient power supply.
2). When using the remote controller, please make sure that the signal transmitter of the remote controller aims at infrared signal receiver of the projector.
3).If you are not using the remote controller for an extended period, please take out batteries to prevent batteries leakage.

INSTALLATION

Installation Method

Contact a professional installer to mount this projector to a ceiling.
Follow the instructions below for the correct projector positions.



Install on the ceiling

A.Contact a professional installer for the projector ceiling mounting;
B.Please ensure that the screws used for ceiling mounting are of high quality and the length is enough to prevent the projector from falling;
C.Please purchase an universal projector ceiling mount.

STARTING PROJECTOR

Turn on the projector:

Connect to the power cable, when the red indicator light is on, press the power button on the panel (Press the power key on the remote control) to start the projector, the indicator turns from the red to blue, the projector is on.

Turn off the projector:

When the projector is working normally, press the power button, the indicator turns from the blue to red, the projector is in shut down.

IMAGE ADJUSTMENT

Image focusing

When the newly installed projector is used for the first time, the image will be blurred, and it is necessary to focus the picture;

Automatic Focus

When the picture is blurred, press the focus keys "F+" and" F- "on the remote control to adjust the focal length of the lens. Tap or long press the focus button until the picture is clear. (As shown below)

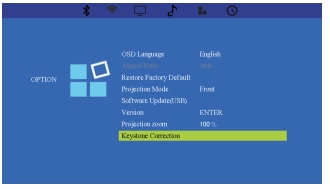
(Before the focus)

(After the focus)

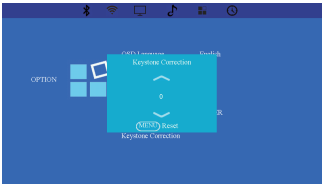
SETTING UP THE PROJECTOR

Manual Keystone: Vertical Keystone Correction

Select the settings icon in the upper right corner of the main interface, and then press the “OK” key on the remote control to enter the settings interface and select "Keystone Correction"



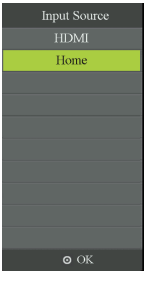
Step1 : If the projection image shows as below (1) , press the button on the remote to increase the vertical parameter -40-0) untilto achieve the projection image (2)Step2 : If the projection image shows as below (3) , then press the button on the remote and decrease the vertical parameter (0-40) .until to achieve the projection image (4)



The projector's home page is as follow.

1. Select The Input Signal Source

Select the desired input signal source (USB/ HDMI) on the home-page.



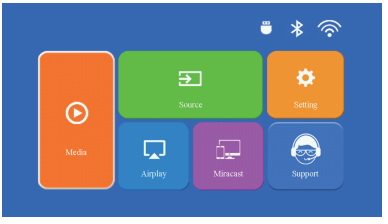
Note: If you connect the external device (Such as TV box, Fire TV Stick, DVD Player, USB flash disk, Computer ect.), please must select the corresponding signal source. If you choose wrong, the projector will show no signal.

2. Multimedia Play

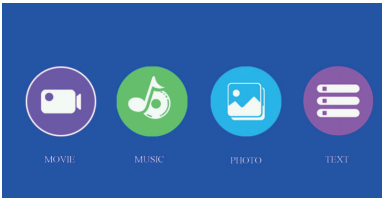
2.1 USB Disk Input Mode

Step1: Insert the USB flash disk into the USB port of the projector.

Step2: Select "Media" and the press the "OK" key to enter.



Step3: Depending on the file type, select the option [MOVIE/MUSIC/ PHOTO/TEXT]



Step4: Select the desired file in the USB disk (or enter the sub-folder folder), and then press the [OK] button to play it.

Warm Tips:

If the projector cannot recognize the USB disk, please refer to the following methods to solve the problem.

Please confirm whether your USB disk meets the following formats.

1. FAT32: 8G/16G/32G
2. NTFS: 64G

If it is not, please format the USB disk. Before you format the USB disk, if you have anything on your USB disk, make sure to backup everything.

After these steps, everything will be lost forever.

How to convert USB disk format to FAT32 format?

1. Plug-in your us disk into the computer' s USB port.
2. Open up File Explorer and right-click on the drive.
3. Choose Format.
4. In the File System dropdown, please choose the FAT32 format.
5. Click Start and close this window when finished.

If the problem is still not solved, please send your problem to this email:
XXXXXX

2.2 Play Interface

Click the "OK" button to get the play interface

MENU	FUNCTION
FB	Fast Backward,rewinds the video back quickly while playing it.
FF	Fast Forward, pushes the video to move forward quickly while playing it.
Prev.	Switch to the previous video
Next	Switch to the next video
Stop	Stop playing and exit
Repeat Mode	Repeat One/Repeat All/Repeat Off
Set A	Set A/B(Set two nodes in the video to loop)/None
Playlist	Select all playlists in the current folder
Info	Video details
Slow Forward	Slow Forward 1X to 8X
Step Forward	Step Forward
Goto Time	Set a time to jump directly
Zoom+	Zoom+ 1X to 8X
Zoom-	Zoom- 1X to 1/8X
Aspect Ratio	Auto/4:3/16:9

3. WiFi Setting

Wireless Connection

Warming Tips:

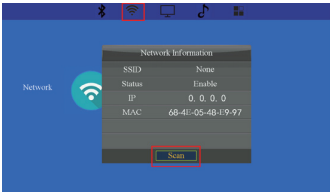
1). The fluency of screen mirroring with wireless connection will be affected by the network environment. A bandwidth of 100Mbit or more is recommended when using screen mirroring.

2). Make sure your mobile device is close to the projector when using wireless connection. A distance within 1 meter is recommended.

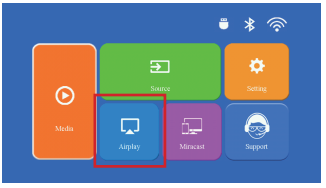
3). Some mobile devices may not support screen mirroring due to the compatibility

3.1 iOS Cast (for iOS Devices)

1. Go to **home page** - Select the **[Setting]** menu -- Select the **[WiFi]** menu-Select **your home WiFi** from the list - Connect the projector to your home WiFi.



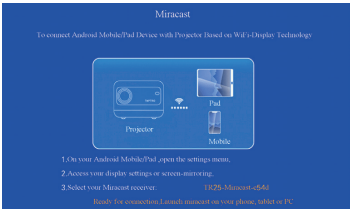
2. Back to **home page** - Select **[Airplay]** menu - Press the **OK** button to enter the **[Airplay]** menu.



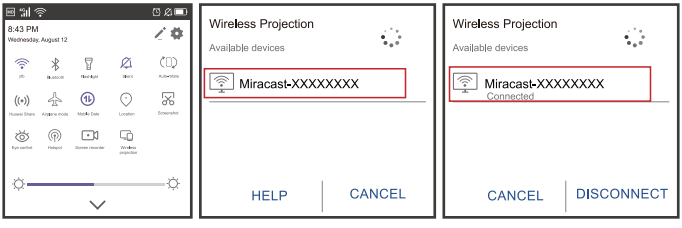
3. Select the **[Settings]** menu on your iOS device--Turn on the **[Wi-Fi]** function--Connect your iOS device to the same home network as the projector.
4. Open the **[Control Center]** on your iOS device--Select the **[Screen Mirroring]** function -- Select and connect the iOS Cast receiver named **[Airplay-XXXXXXXX]**--your iOS device screen will be displayed on the projection screen after 3 seconds.

3.2 Miracast (for Android Devices)

1. Go to **home page** - Select the **[Miracast]** - Press the **OK** button to enter the Miracast setting menu.



2. Select the **[Settings]** menu on your Android device -- Select the **[Screen mirroring]** function--Select your Miracast receiver named **[Miracast-XXXXXXXX]** -- your Android device screen will be displayed on the projection screen after 3 seconds.



On your Android device, tap [Settings] -[WLAN Display] -Turn [Wi-Fi] ON, Connect your home WiFi.

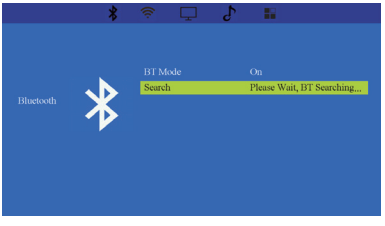
Note:

1. Different brands of Android phones have different operations for select Screen Mirroring Display, please refer to your phone's manual. [Multi screen Wireless display/WLAN display/Screen mirroring/Wireless projection/Smart view etc.]

2. Not all Android phones support this function. Please make sure it is supported before use.

4. Bluetooth Setting

Go to home page -- Select **[Setting]** -- Select the **[Bluetooth]**. Enter the Bluetooth settings interface -- Scan the Bluetooth devices nearby automatically-- Choose the Bluetooth device desired -- it will be paired and connected automatically.



Note:

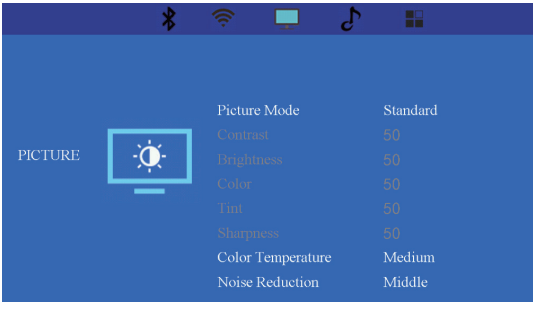
1.The projector is compatible with the Bluetooth headsets, Bluetooth speakers and Airpods, but not the Bluetooth keyboards or Bluetooth phones

2.If you have any question, please feel free to contact us via support@dbpowershop.com

5. Projector Setting

5.1 Picture Menu

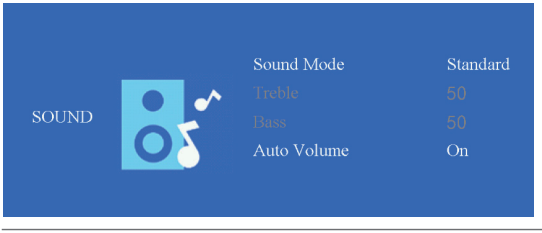
Go to home page -- Select **[Setting]** -- Select the **[PICTURE]** Use the arrow keys on the remote control to switch the menu, press the "OK" to confirm and set.



MENU	CONTENT
Picture Mode	Standard/Dynamic/Mild/User
Color Temperature	Medium/Cool/Warm/User
Noise Reduction	Off/Low/Middle/High

5.2 Sound Menu

Go to home page -- Select **[Setting]**-- Select the **[SOUND]** Use the arrow keys on the remote control to switch the menu, press the "OK" to confirm and set.



MENU	CONTENT
Sound Mode	Standard/Movie/Music/Sports/User
Auto Volume	On/Off

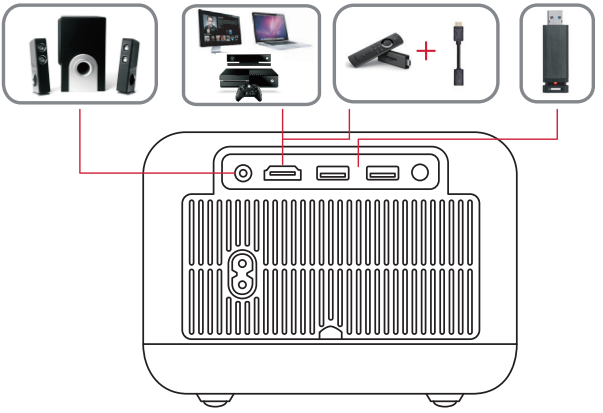
5.3 Option Menu (ZOOM & Keystone correction)

Go to home page -- Select **[Setting]** -- Select the **[OPTION]**.Use the arrow keys on the remote control to switch the menu, press the "OK" to confirm and set

MENU	CONTENT
OSD Language	English/France/Italian/Japanase etc
Aspect Ratio	16:9/4:3
Restore Factory Default	Restore Factory Default
Projection Mode	Front/Rear On Desk/Front On Ceiling/Rear On Ceiling
Software Update(USB)	Local Update
Version	Version
Projection zoom	75%-100%
Keystone Correction	Adjust the screen angle vertically

SIGNAL LINES CONNECTION

Projector has 3 interfaces, HDMI port*1/ USB port*2/3.5mm headphone output. Please select the correct connecting port to connect your device (PC, DVD Player, Fire TV stick, TV box, Sound bar, USB disk,PS4 etc.)



1. Connect USB Disk

1)Insert the USB disk into the USB input port;

2)You can directly enter the start-up screen on the home page, select the option [Movie/Music/Photo/TEXT)

3) Select the desired file (or folder to enter the sub folder) in the USB disk, then press the [OK] button to play it.

2. Connect the Devices via the HDMI port

1) Connect your Fire TV stick (or PC, TV box, PS4 etc.) to the HDMI port of the projector;

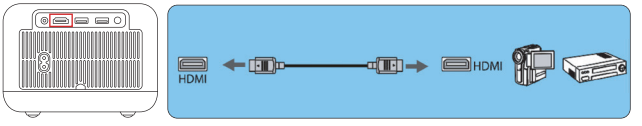
2) Enter the home page to select the corresponding HDMI as the signal source.

3. Connect to the DVD Player

1) Turn on your DVD player and the projector;
2) Connect to the DVD Player and the projector with the HDMI cable
3) Enter the home page to select the corresponding HDMI as the signal source.

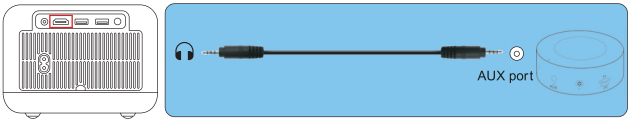
Note:

When the projector is connected to the DVD player via the HDMI cable, if there is no sound, it may be that the output signal of the HDMI port of the DVD player is not compatible with HDCP, please try to connect your Sound bar/Speaker.



4. Connect to the Sound bar/Speaker

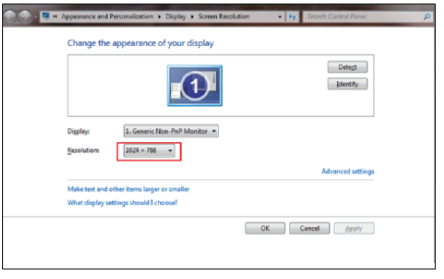
If your speaker has AUX port, please use your 3.5mm audio cable connect the projector and your speaker as the picture shows.



5. Connect to the Computer

1).Connect to the computer and projector with the HDMI cable (Included)
2) Select the HDMI source to project any files on your computer;
3).On your laptop, hold down the key "Win+p" board keys to change your display mode.

Computer only: It is the default option - only displays on the main monitor
Duplicate: Makes all of the monitors display the same thing duplicating the desktop on each monitor.
Extend: Makes all of your monitors act like one big monitor extending the desktop across all of them.
Projector only: Displays only on the secondary monitor like a projector.
You can change the screen resolution on the Projector Only Mode
Step: Start > Control Panel > Appearance and Personalization > Adiust Screen Resolution



WARRANTY

Thank you so much for your purchase and support. We provide 3-year warranty for projector. If you have any questions, please feel free to contact us via support@dbpowershop.com

TROUBLESHOOTING

Q: How to watch Netflix or Hulu on it?
A: Please plug a firestick to the projector to watch these.

Q: How can I do there is no sound?
A: The projector or the connected device(PC, DVD,etc.) is muted.
Dolby sound is not supported, please turn off it.
Audio format is not supported. Try another format that is compatible.

Q: Why does the projection screen show no signal?
A: Please make sure all cables are plugged correctly and firmly.
Make sure you select the right input source.

Q: How to upside down the picture?
A: Please turn on your picture playback, and then use the menu key on the remote control to open the rotation submenu in the playback menu.

Q: How can I do when the image is blurry?
A: Please pay attention to the distance of the projection which should be one meter(3.28ft) away.
Adjust the focus on the projector until it shows the clear images. Adjust keystone on the bottom of the projector to get the great images.
(Note: Place the projector on a horizontal or vertical surface, and do a projection on a smooth wall)

Q: How to reduce the noise of my projector?
A: Projector makes more noise because of the bad ventilation, prolonged use, and dirt and dust buildup.
Please do regular dust remove, and keep your projector clean to ensure proper ventilation for it.

Q: How to remove it when there is a black spot on the lens?
A: It can be removed, please contact with us and we will send you a video. If appears a large black spot, please contact with us asap and we promise we will solve it for you soon.

DBPOWER

Made in China
FCC ID: 2BA3C-H89

support@dbpowershop.com
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