Projector

INSTRUCTION MANUAL

PLEASE READ BEFORE OPERATING THIS EQUIPMENT

Ideal for dark viewing environments for optimal performance.
Please note: Projector brightness is measured in ANSILumens.
Your viewing environment is the deciding factor on how many lumens your projector needs.

Important satefy instructions

Your projector is designed and tested to meet the latest standards for safety of information technology equipment. However, to ensure safe use of this product, it is important that you follow the instructions mentioned in this manual and marked on the product.

To ensure the performance and stability of the projector, please place it horizontally and leave a space of about 30cm between the projector and the wall.

Do not install in places with poor ventilation

Do not install in high temperature or humid places

Do not block the vents

Do not install in dust or smoky places

Important satefy instructions

Please read this manual before you operate your projector. save it for futurere ference.

Do not look straight at the projector lens during operation. The intense light beam may damage your eyes.

The lamp becomes extremely hot during operation. Allow the projector to cool for approximately 45 minutes prior to removing the lamp assembly for replacement.

Do not block the projection lens with any objects when the projector is under operation as this could cause the objects to become heated and deformed or even cause a fire. To temporarily turn off the lamp, use the blank function.

Specifications

Item		Specification
Product		MB
Lumen		300 Ansi
Native Resolution		1920x1080
Video		Support 8K/4K Decoding
Audio		Support Dolby Decoding
System		Android 9.0 OS, OTA Upgrade Support
CPU+GPU		Amlogic T972 + ARM Mali-G31 MP2
DDR+Flash		2GB RAM+16GB ROM
WiFi		Dual band WiFi : 2.4/5GHz
BT		BT 5.0
Interface	HDMI	HD &4*2
	USB	USB 2.0
	Earphone	3.5mm Earphone
	AV	AV IN
Environment		
Rated Power Input		AC 110~240V 50~60HZ
Operating Temperature		0 ~ 40℃
Storage Temperature		-20 ~ 60℃
Operating Humidity		0 ~ 90% Non-Condensing

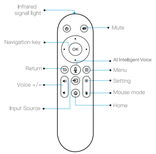
1 Package contents

Projector Exterior view Introduction

1. Input Source 2. Menu 3. Right 4. Left 5. OK(Enter)
6. Down 7. Up 8. Return 9. Power

✦ All the key presses described in this document are available on the remote control or projector.

Bluetooth remote control



✦ Remote control shall be working within 5m distance from projector.
✦ Pairing method: Bluetooth connection)

1. Press and hold the left & right direction buttons at the same time for 3~5 seconds until the red light flashes.
2. Open "Settings"→"Bluetooth & Remotes", click the name of the remote to connect.

Installation

1 Proposed Installation Way

Before choosing an installation location for your projector, think over following factors into consideration:
1. Size and position of your screen.
2. Electrical outlet location.
3. Location and distance between the screen and projector.
We suggest four ways for you to make this installation.

2 Projection Size/Distance Reference

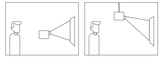
Our projector can support to the screen size from 40" to 200 ". Following show the Size and Distance reference for you to choose. The most best location shall be 80 ~8.2feet.

Screen size (Diagonal Inch)	Screen size W (cm)	Screen size H (cm)	Projection distance (cm)	Minimum zoom size Min H(cm)	Min W(cm)
40	81	61	100	46	35
50	101	76	125	58	44
60	122	76	150	70	53
70	142	87	200	82	62
80	171	106	230	105	80
90	196	116	261	118	89
100	214	134	300	132	99
120	258	161	350	158	119
130	282	176	385	158	119
150	299	186	391	170	98
160	299	177	416	180	105
180	391	186	441	191	112
170	371	213	467	202	118
176	371	213	493	204	127
180	400	225	518	208	134
190	423	237	544	202	140
200	442	248	560	203	147

Installation

3 Projection Methods

Depending on the installation method, select the appropriate option in the settings.



1: Frontal projection 2: Hanging projection

3: Rear projection 4: Rear hanging projection

Power–On / Off Operation

1 Power connection

Connect the power cord with projector.

2 Power –ON /OFF

Press the power button to boot up projector

Way1:
Power on/off by the button on projector

Aim the remote control at the Remote sensor part of the projector

Way2:
Power on/off by remote control

Screen Adjustment

Adjust the size and position of the picture by adjusting the projection angle (height of the image), tilting the image left and right, adjusting the focus, zoom out/zoom in the image size, adjusting the keystone correction.

1 Adjust the height screw

1. Raise the front of the projector
2. Screw on the heightening screw to adjust the picture to the height you want.

2 Adjust the focus(Sharpness adjustment)

After the machine is placed horizontally, turn the focusing ring up and down to make the picture clearer.

Screen Adjustment

3 Correct keystone

Keystoning refers to the situation where the projected image becomes a trapezoid due to angled projection.
To correct it, you will need to manually correct it following these steps:
1. Open Sreen Adjust App and Choose Four Point Keystone.
2. Choose any corner of the screen, Press Up and down on the Remote control to adjust the correct direction.
3. Once you has got the right screen, press OK to confirm it.

Four Point Keystone Correction: ±15°left and right, ±45° horizontal and vertical.

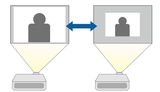
1. Press "ok" key to choose the adjusted direction.
2. Press "up/down" "left / right" to choose adjusted degree.

Screen Adjustment

4 Adjust the Electronic Zoom

No more space constraints, no need to change the projector distance, just move the projector to fit the screen size, you can customize your projection screen size from 35% to 100%.

Eletronic Zoom Range: 100%←→35%



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Screen Adjustment

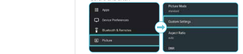
5 Adjust the Brightness

When playing a video, you can set the picture mode. The brightness in each mode is different. You can choose different picture modes according to your personal habits.

1. Set picture mode:
When playing the video, press the setting button ⚙ to enter the setting interface, click "picture"→"picture mode", select the picture mode you want .

2. Custom picture mode:
Click "Settings"→"Picture"→"Picture Mode", select a picture mode, then press the return key ⮌, click "Custom Settings", adjust the parameters in this mode as needed.

✦ Remember to take pictures and record the original values before adjusting. It is convenient to compare the parameters before and after.



System Initial Setup

1 Language Selection

Press the "Set" ⚙ key on the remote control to enter the set menu → "Device Preference" → "Language" → Choose your preferred language.

2 Wifi connection

1. Open Settings → Network & WiFi to enter the WiFi settings page.

2. Choose the WiFi option and enter passwords to connect.

System Initial Setup

3 Bluetooth connection

Press the "Set" ⚙ key on the remote control to enter the set menu→ "Bluetooth & Remotes" → "Add accessory" → Follow the prompts to pair your Bluetooth device.

⚠Bluetooth function is only working for connecting with Bluetooth devices like bluetooth speaker. It cannot use as a speaker to play any video or Music.

4 FOTA Update online

We will update our system if we have new functions .If you also meet any problem that you can not solve it , you can also use our FOTA Update function to Reboot the system as following steps :

Open " Update" → " Check Version", Click and Check for updates.

System Initial Setup

5 Application management

We has installed some basic application for you to using, like Netflix, Youtube, Chrome, Prime, WPS office, etc.

✦ When open Netflix APP, there is notice pop up reminding customer to update, please click "CANCEL", do NOT update.
The Netflix already installed in this projector is version3.16.2 which is specially selected, and we 've run a lot of testing and debugging for stable and smooth streaming experience. We strongly suggest to use this version of Netflix, do NOT make any updates.

1. Install other Android Apps

A: Play Store: Almost android apps can be installed to MB projector via Play Store.

B: If you wanna install the application that can not find in google store , you can install the apk with Apkinstaller as following steps

2. Uninstall App

Press "Settings" ⚙ button on remote,"Apps"→"See all Apps"→ Select the application to be uninstalled, and click "Uninstall"

Select the Input Source

1 HD/AV Connection

Open the "SignalSource" app on Homepage or press the "Switch" button of remote. Select the source channel you need in the list on the right side of the Homepage.

1. This device supports connections with various HDMI playback devices such as streaming media player, TV stick, TV box, DVD player, set-top box (STB), game machine or other devices(HD cable provided).
2. AV connected devices are also supported.

2 USB Connection

1. Connect U disk or hard disk
2. Open "FileBrowser", enter USB Storage Device, select the movie, photo you want to play .

✦ When playing the video in the external storage, find the video file you want to play, long press the "OK" key to enter the menu page, click "Open with...", and then select "Movieplayer" to open the video file.
MovieplayerV's video decoding capability is stronger.

Screen Mirroring

1 For Android device

1. Choose "Miracast" icon as below picture (support Android 5.3 and above)

2. Open "Miracast" App as below picture , Local device name is "Android -XXXX"

3. Open the Wireless Cast on Android phone to search available devices , click the "Android-XXXX" option toconnect.
4. Click on the prompt box to accept the screen cast connection. If the screen is synchronized, means screen cast completed.

✦ DLNA
This MB projector supports DLNA. When the projector connected to WIFI, smart devices in same network could play vedios on the project which requires smart device APP supports DLNA.

Screen Mirroring

2 For iOS device

1. Please ensure the iOS device and projector connected to the same network.

2. Open the iOS App in projector.

3. Open the Screen Mirroring from the control center on iPhone.
4. Search for available devices.
5. Connect to "Byte4x-XXXXXX" option to start mirroring screen.

⚠ Once you used mirror cast function to play your application from your mobile.
Then it will support all the videos that you play on mobile, but it may has some delay compare to your mobile . Do not worry , it is normal according to the video sources resolution.

Maintenance Suggestion

⚠ Notice

To make the projector work longer, we recommend you to follow the ideas.

1. Before cleaning the projector, turn off the projector, then turn off the main power and unplug it from the outlet.
2. Clean the filter regularly every month to prevent clogging.
3. Make sure to close the projector off once you finished using it.
4. Make sure not to use it continuously for more than 6 hours.

FAQ

1 Remote control is insensitive or unresponsive

··· Please check if the batteries installed properly.
··· Please replace with new batteries.
··· Pair the remote control as steps and make sure it is working within in 5m

2 Unable to boot up

··· Please check if the power cord is connected properly, and if the power light is on. Try to unplug and plug the power if the projector still cannot boot up.

3 Black screen or abnormal picture after booting for a while

··· Please check if the vents are blocked.
··· Please check if the cooling fan is working properly. If abnormal, please return for repair.
··· Please try to reboot the projector.

4 No network connection

··· Please check if WIFI connected properly, and if the WIFI signal is good.
··· Please connect hotspot of smart phone to verify if router is working properly.

5 Blurry display

··· Please check if the lens are clean.
··· Please use the focusing ring to adjust the sharpness.
··· Please check if the environment too bright.

6 Screen freeze

··· Please reboot the projector to test again. If the screen still freeze, please turn off for 10 minutes and turn on again.

✦ If you have any other problem, please contact our online services to help you immediately.

Warranty Card

1. This projector supports Three Guarantees Service Warranty for 1 year from the date of purchase. (non-artificial damage).
2. Within warranty, we support warranty service for any failures caused by product technology.
3. The following situations are not covered by the warranty: Accessories except the projector
Products that have been disassembled and repaired without permission.
Damage caused by external force and other natural disasters.
4. When the product fails, please contact the dealer or supplier in time to arrange for repair with this warranty card.
5. This warranty liability is limited to product failure repairs within the warranty period.

Warranty Card

Client Name: _____

Client ID: _____

Purchase shop: _____

Client Phone Number: _____

Return Address: _____

Fault description
(For quick repair, please describe the problem in details.)

FCC Statement
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.
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.
Caution
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
FCC Radiation Exposure Statement
This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure

RF exposure statement:
The equipment complies with IC Radiation exposure limit set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. Cet équipement est conforme à la
L'équipement est conforme à la limite d'exposition aux radiations de la IC établie pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

Warnings:
This device complies with Industry Canada's licence-exempt RSSs
Operation is subject to the following two conditions:
(1) This device may not cause interference and
(2) this device must accept any interference, including interference
that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique
subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF exposure statement:
The equipment complies with IC Radiation exposure limit set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.
Cet équipement est conforme à la limite d'exposition aux radiations de la IC établie pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

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