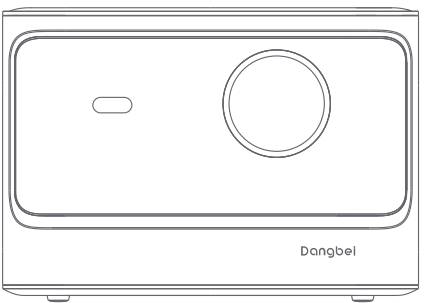
Dangbei | Mars Smart Projector

Customer Support :
(US/CA) support@dangbei.com
(EU) support.eu@dangbei.com
(JP) support.jp@dangbei.com



User Manual

Language

English ····· 01-18
Deutsch ····· 19-37
Français ····· 38-56
Italiano ····· 57-75
Español ····· 76-94
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Read before Use

Please read the product instructions carefully:

Thank you for purchasing and using these products.

For your safety and interests, please read the Product Instructions carefully before using the product.

About the Product Instructions:

The trademarks and names mentioned in the Product Instructions are the property of their respective owners.

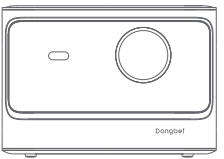
All Product Instructions shown are for illustration purposes only. The actual product may vary due to product enhancements.

We shall not be liable for any personal injury, property damage, or other damages caused by the failure of the user to comply with the Product Instructions or precautions.

* Dangbei reserves the right to interpret and modify the Product Instructions.

Packing List

Before using this product, please check that all items are included in the box.



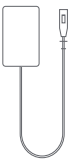
Projector



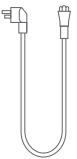
Remote Control
(batteries not included)



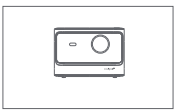
Wipe cloth



Power Adapter



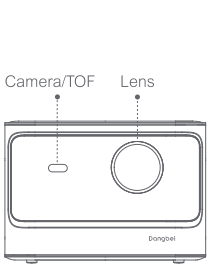
Power Cable



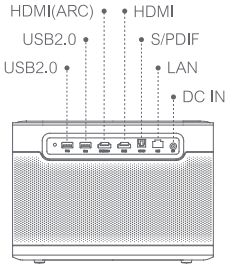
User Manual

Projector Overview

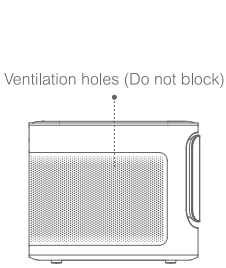
Overview and interface description.



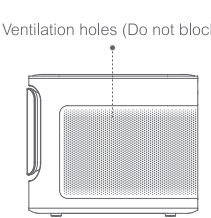
Front view



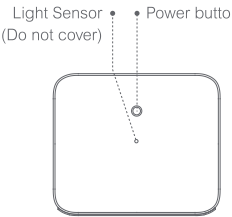
Rear view



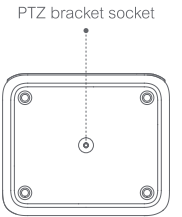
Right View



Left View



Top View

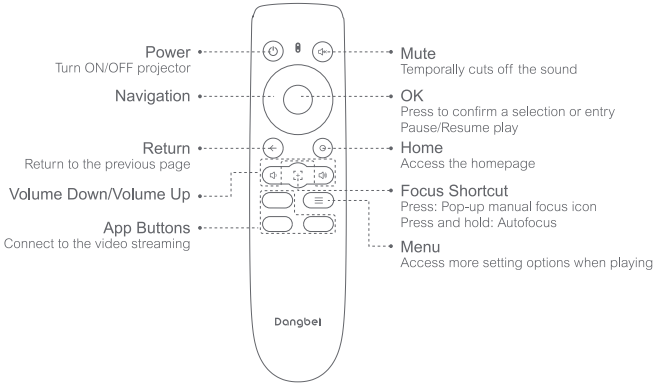


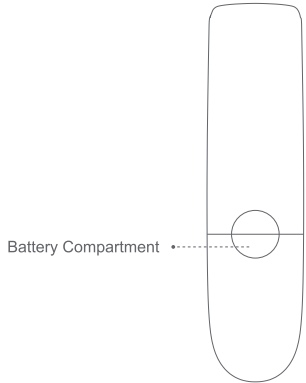
Bottom View

Power Button LED Indicator Guide		
Button	LED Status	Description
◎ Power button	Solid White	Power Off
	Off	Power on
	Flashing White	Upgrading Firmware

Remote Control Overview

- Open the battery compartment cover of the remote control.
- Install 2 AAA batteries **(not included)** *.
- Put back the battery compartment cover.





* Please insert new batteries according to the polarity indication.

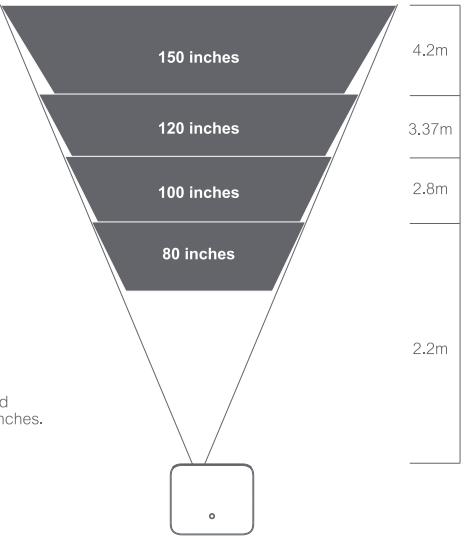
Getting Started

1.Placement

Position the projector on a stable, flat surface in front of the projection surface. A flat and white projection surface is recommended. Please follow the instructions below to determine the distance between the projector and the projection surface, and the corresponding projection size:

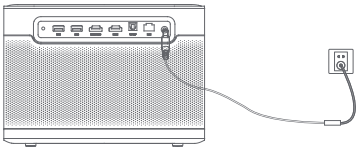
Size	Screen (Length × Width)
80 inches	177 x 100 cm 5.8x 3.28 ft
100 inches	221 x 124 cm 7.25 x 4.06 ft
120 inches	265 x 149 cm 8.69 x 4.88 ft
150 inches	332 x 187 cm 10.89x 6.14 ft

The best recommended projection size is 100 inches.



2.Power on

① Connect the projector to the power outlet.



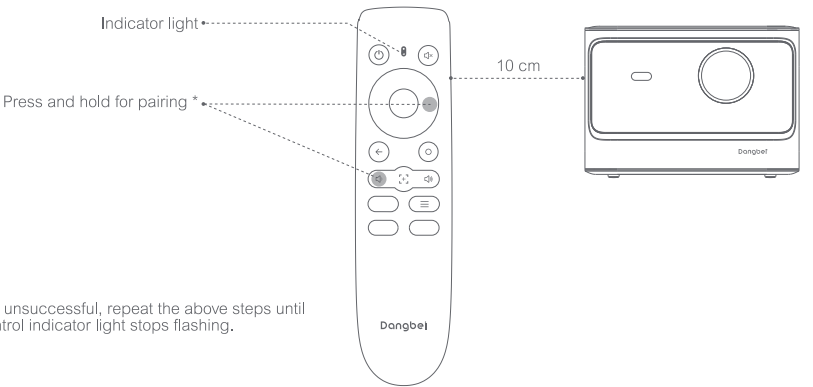
② Press the power button on either the projector or the remote control to turn on the projector.





3.Remote Control Pairing

- Place the remote control within 10 cm of the projector.
- For first-time use, follow the on-screen projector instructions:
  Simultaneously press and hold the [Volume Down] and [Right] buttons until the indicator light begins to flash.
  (This means that the remote control is entering pairing mode.)
- The connection is successful when the indicator light stops flashing.



* If the pairing is unsuccessful, repeat the above steps until the remote control indicator light stops flashing.

Network Settings

Go to [Settings] – [Network].

Focus Settings

- Go to [Settings] – [Focus].
- To use **Auto focus**, select [Auto], and the screen will automatically become clear.
- To use **Manual focus**, select [Manual], and use the up/down buttons on the navigation keys of the remote control to adjust the focus based on what is displayed.

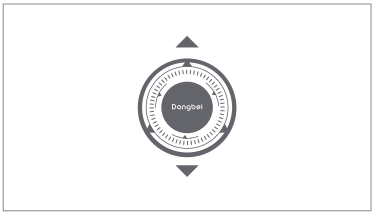
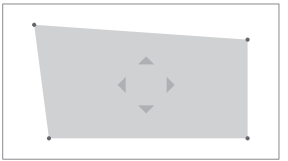


Image Correction Settings

1.Keystone Correction

· Go to [Settings] – [Keystone].
· To use **Auto keystone correction**, select [Auto], and the screen will automatically be corrected.
· To use **Manual keystone correction**, select [Manual] to adjust the four points and the image shape.



2.Intelligent Screen Fit

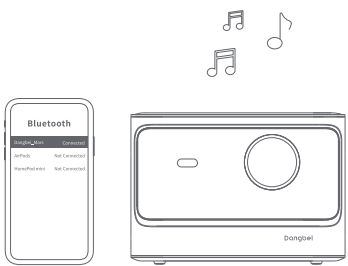
· Go to [Settings] – [Keystone] , and turn on [Fit to Screen].
· Follow the on-screen instructions to automatically adjust the projected image to fit the screen.

3.Intelligent Obstacle Avoidance

· Go to [Settings] – [Keystone] -- [Advanced], and turn on [Avoid Obstacles].
· Follow the on-screen instructions to automatically adjust the projected image to avoid any objects on the projection surface.

Bluetooth Speaker Mode

- Open the Bluetooth Speaker application on the device.
- Turn on the Bluetooth of your mobile phone/tablet/laptop, select the device of [Dangbei_Mars], and connect to it.
- Use the projector to play audio from the devices mentioned above, or connect the projector to a speaker/headphone to play the audio from the projector.



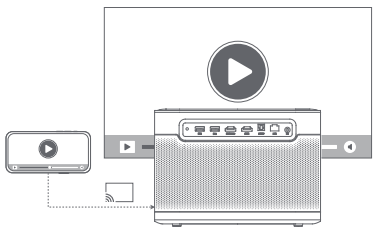
Screen Mirroring & Casting

1.Mirrorcast

To mirror the screen of an Android/Windows device to the projector, open the app Mirrorcast, and follow the on-screen instructions.

2.Homeshare

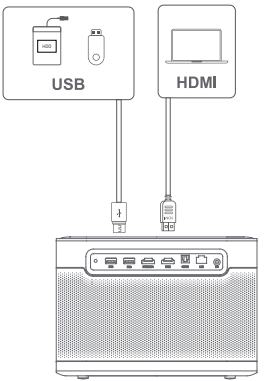
To stream content from an iOS/Android device to the projector, open the app Homeshare, and follow the on-screen instructions.



* Mirrorcast does not support iOS devices.
Homeshare only supports apps with DLNA protocol.

Inputs

· Go to [Inputs] -- HDMI/HOME/USB.
· Watch the content from the different signal sources.



More Settings

1.Picture Mode

Go to [Settings] – [Picture Mode] to choose a picture mode from [Standard/Custom/Cinema/Sport/Vivid].

2.Sound Mode

Go to [Settings] – [Audio] to choose a sound mode from [Standard/Sport/Movie/Music].

3.Projection Mode

Go to [Settings] – [Projection] to choose the placement method of the projector.

4.Zoom

Go to [Settings] – [Zoom] to decrease the image size from 100% to 50%.

5.Product Info

Go to [Settings]– [About] to check the product information.

Specifications

Display Technology	0.47 in, DLP
Display Resolution	1920 x 1080
Throw Ratio	1.27:1
Speakers	2 x 10 W

Bluetooth Version	5.0
WI-FI	Dual Frequency 2.4/5.0 GHz
Dimensions (L x W x H)	246 × 209 × 173 mm 9.69 × 8.23 × 6.81 inches
Weight	4.6kg /10.14lb

Troubleshooting

1.No audio output

a. Check if the remote control "Mute" button is pressed.
b. Check if the projector interface "HDMI ARC" or Bluetooth is connected to an external audio device.

2. No image output

a. Press the power button on the top cover. The power button indicator light will turn off if the projector is powered on successfully.
b. Ensure that the power adaptor has power output.

3. No network

a. Enter settings, and check the network connection status in the network option.
b. Ensure that the network cable is correctly inserted to the projector interface "LAN".
c. Ensure that the router is correctly configured.

4. Blurry Image

a. Adjust the focus or keystone.
b. The projector and screen/wall must be positioned with an effective distance.
c. Projector lens is not clean.

5. Non-rectangular Image

a. Place the projector perpendicular to the screen/wall if keystone correction function is not used.
b. Use the keystone correction function to adjust the display.

6. Automatic keystone correction failed

a. Ensure that the Camera/TOF on the front panel is not blocked or dirty.
b. The best automatic keystone correction distance is 2.0-4.0m, horizontal ±30°.

7. Autofocus failure

a. Ensure that the Camera/TOF on the front panel is not blocked or dirty.
b. The best autofocus distance is 2.0-4.0m, horizontal ±20°.

8. Intelligent Screen Fit failure

a. Ensure that the projector is correctly positioned, so that the projected image extends beyond the edges of the screen.
b. Ensure that the projection screen has a colored border/frame on all four sides, so that the projector can recognize the frame.
c. Ensure that the red box pattern is within the screen frame, and is not blocked.

9. The Remote Control is unresponsive

a. Ensure that the remote control is successfully paired via Bluetooth connection. If the pairing is successful,the indicator light will not flash when the button is pressed.
b. If the pairing is unsuccessful, and the Remote Control is at IR communication, the indicator light will flash when the button is pressed.
c. Ensure that there are no interferences or obstructions between the projector and remote control.
d. Check the battery and installation polarity.

10. Connect the Bluetooth devices

Enter settings, open the Bluetooth option to check the Bluetooth device list, and connect the device.

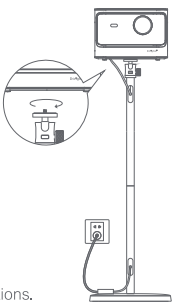
11. Others

Please feel free to contact us at support@dangbei.com

Important Precautions

· Do not look directly at the projection beam with your eyes, because the strong beam may harm your eyes. RG2 IEC 62471-5:2015
· Do not block or cover the heat dissipation holes of the device to avoid affecting the heat dissipation of the internal parts, and damaging the device.
· Keep away from humidity, exposure, high temperature, low pressure, and magnetic environments.
· Do not place the device in areas susceptible to excessive dust and dirt.
· Place the device in a flat and stable station, and do not place the device on a surface that is prone to vibration.
· Do not allow children to handle the device without supervision.
· Do not place heavy or sharp objects on the device.
· Avoid extreme vibrations, because these may damage the internal components.
· Please use the correct type of battery for the remote control.
· Only use attachments/accessories specified or provided by the manufacturer (such as the exclusive power adapter, bracket, etc.).
· Do not disassemble the device. The device should only be repaired by staff authorized by the manufacturer.
· Place and use the device in a 0-40°C environment.
· The plug is considered as a disconnected device of the adapter.
· The adapter should be installed near the equipment, and should be easily accessible.
· Protect the power cord from being walked on or pinched, particularly at the plugs, convenience receptacles, and the point where this exits from the device.
· Unplug this device if there are lightning storms or when unused for a long period of time.
· Where the power plug or an appliance coupler is used to disconnect the device, the disconnected device would remain readily operable.
· Never touch the power cable or power connector with wet hands.
· Risk of explosion if battery is replaced by an incorrect type.Dispose of used batteries according to local regulations.





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 to 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.

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

We declare that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. Satisfies all the technical regulations applicable to the product within the scope of UK Radio Equipment Regulations (SI 2017/1206); UK Electrical Equipment (Safety) Regulations (SI 2016/1101); and UK Electromagnetic Compatibility Regulations (SI 2016/1091). This device operating frequency:2402-2480MHz(EIRP＜20dBm),2412-2472MHz(EIRP＜20dBm),5150~5250MHz(EIRP＜23dBm), 5250~5350MHz(EIRP＜20dBm),5470~5725MHz(EIRP＜27dBm),5725~5850MHz(EIRP＜13.98dBm).

CE We declares that this device is in compliance with the essential repuirements and other relevant provisions of Directive 2014/53/EU.

UK CA Satisfies all the technical regulations applicable to the product within the scope of UK Radio Equipment Regulations (SI 2017/1206); UK Electrical Equipment (Safety) Regulations (SI 2016/1101); and UK Electromagnetic Compatibility Regulations (SI 2016/1091).

THIS DEVICE COMPLIES WITH DHHS RULES 21 CFR CHAPTER I SUBCHAPTER J.

CAN ICES-3 (B)/NMB-3 (B)
This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de classe B est conforme à la norme canadienne ICES-003.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause.
undesired operation of the device
L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;
2.L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

For projectors only
The distance between user and products should be no less than 20cm.
La distance entre l'utilisateur et le produit ne doit pas être inférieure à 20 cm.

5150-5350MHz band is restricted to indoor use only.
La bande de 5150-5350MHz est réservée à l'usage intérieur.

Dolby Audio
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