

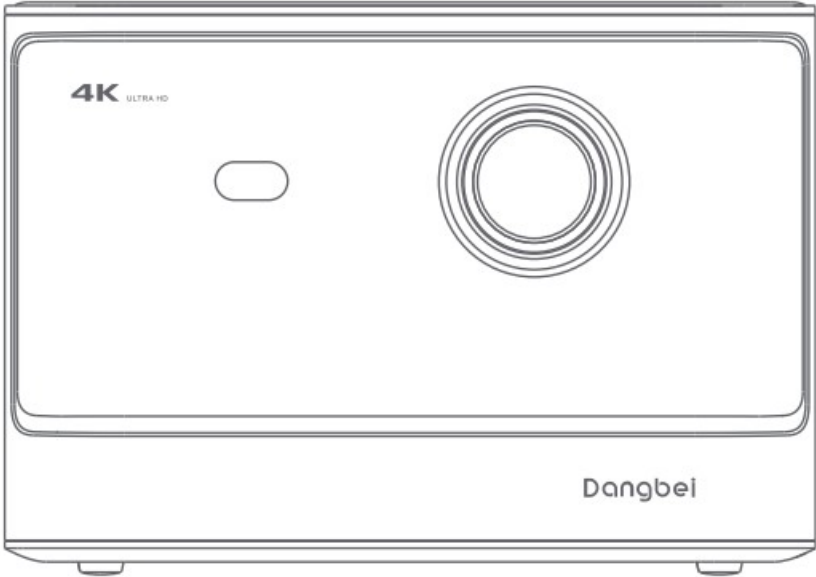


Dangbei DBOX02 Smart Projector User Manual

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Dangbei

 Google TV
DBOX02
Smart Projector



User Manual

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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.

Packing List

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



Projector



Remote Control



AAA Batteries



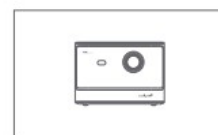
Power Adapter



Power Cable



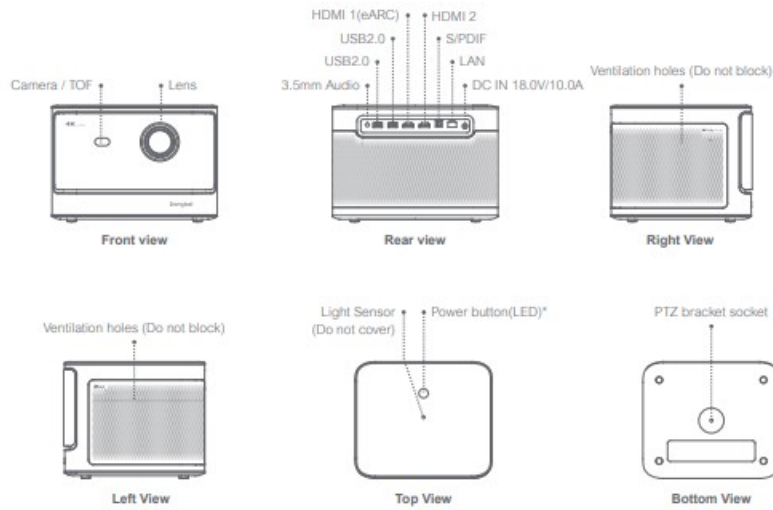
Wipe cloth




User Manual

Projector Overview

Overview and interface description.

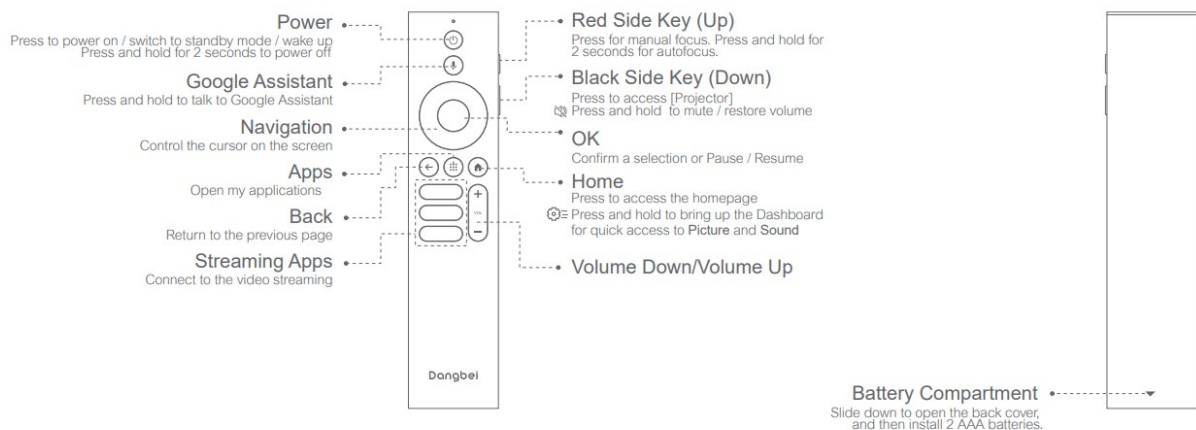


Power Button LED Indicator Guide

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 *.
- Put back the battery compartment cover.



* Please insert new batteries according to the polarity indication.

Getting Started

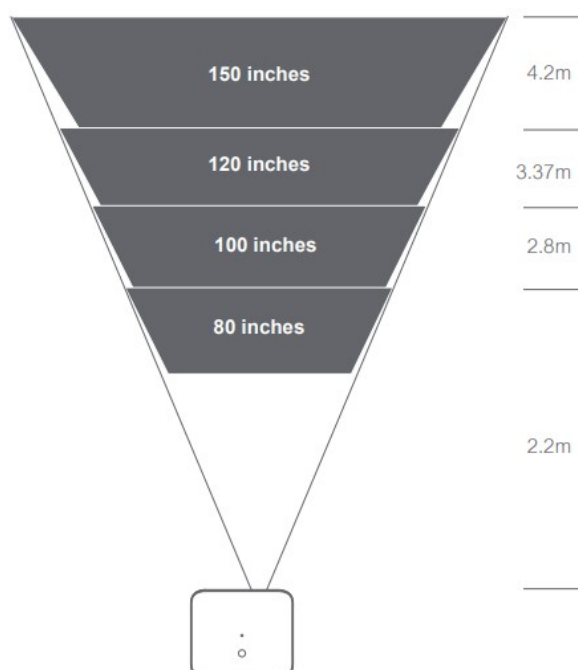
1. Placement

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:

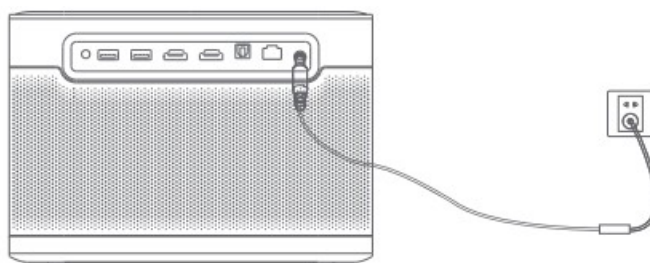
Size	Screen (Length × Width)
80 inches	177 x 100 cm 5.8x 3.28 ft
100 inches	221 x 124 cm 7.25 x 4.06 ft
120 inches	265 x 149 cm 8.69 x 4.88 ft
150 inches	332 x 187 cm 10.89x 6.14 ft

👍★ 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 the projector or remote control to turn on the projector.





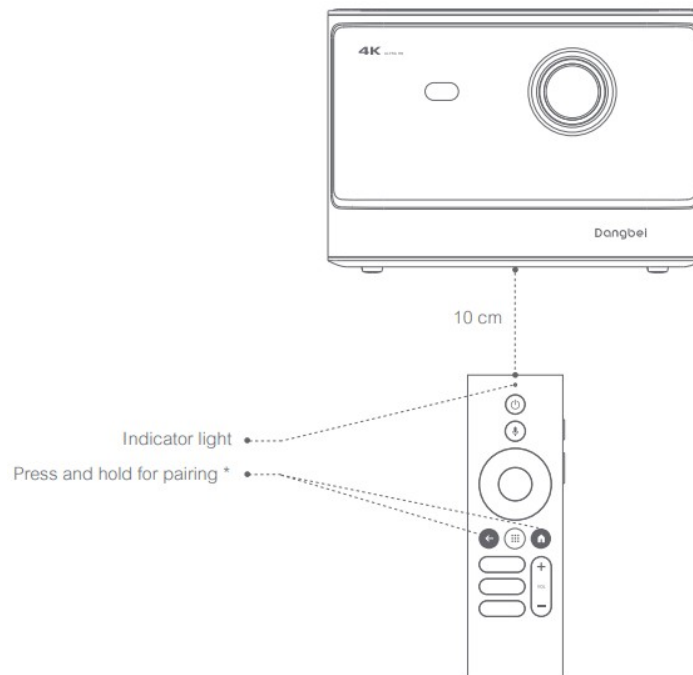
3. Standby Mode / Power off

Press the power button on the projector or remote control to enter standby mode.

Press and hold the power button on the projector or remote control for 2 seconds to turn off the projector.

4. Remote Control Pairing

- Turn on the projector and wait for the Bluetooth pairing prompt on the screen.
- Bring the remote control within 10 cm / 0.33 ft of the projector.
- Simultaneously press and hold the  and  keys.
- Release the keys after the indicator light starts flashing.
- Wait until you hear two “beep” sounds, indicating a successful pairing.



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

Network Settings

- Go to [Settings], select [Network & Internet], and turn on Wi-Fi.
- Choose your network and enter the correct password.



Focus Settings

Method 1: Press the red side key (up) for manual focus.

Press and hold for 2 seconds for autofocus.

Method 2: Go to [Projector], select [Focus], and choose either manual focus or autofocus.

Autofocus

Select [Auto Focus] to trigger the autofocus function.

The image will automatically become clear.

Manual focus

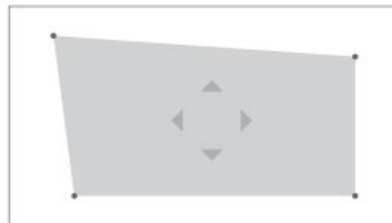
Select [Manual Focus] and use the navigation keys (up / down) on the remote control to adjust the focus distance and make the image clear.



Image Correction Settings

1. Keystone Correction

- Go to [Projector] — [Image Correction].
- Select [Auto Keystone Correction], and the screen will automatically be corrected.
- Select [Manual Keystone Correction], and use navigation keys to adjust the four points and the image shape.




2. Intelligent Screen Fit

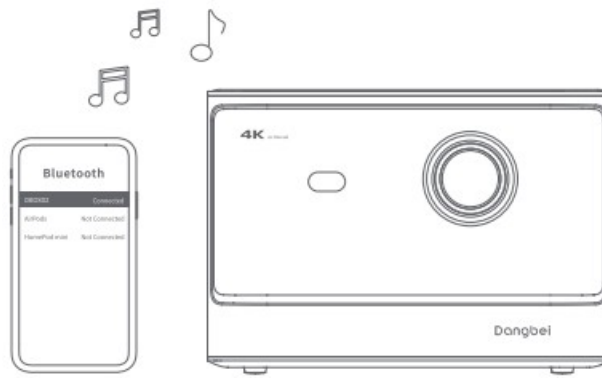
- . Go to [Projector] — [Image Correction], and turn on [Fit to Screen].
- Follow the on-screen instructions to automatically adjust the projected image to fit the screen.

3. Intelligent Obstacle Avoidance

- . Go to [Projector] — [Image Correction] — [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

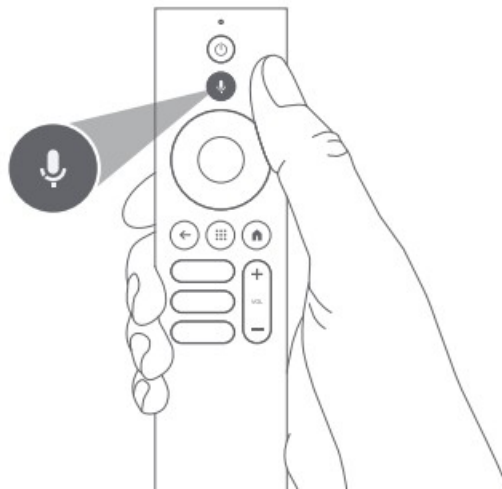
Bluetooth Speaker Mode

- Go to [Settings], select [Projector], and click on [Bluetooth speaker mode].
- Connect your phone to a device with the Bluetooth name containing "DBOX02". After modifying the device name, the Bluetooth name will also be synchronized accordingly.
- When you hear "Bluetooth connection successful", the projector can play music from your phone.
- Press and hold the  key on the remote control for 2 seconds to exit the [Bluetooth speaker mode].



Google Assistant

Your TV is more helpful than ever. Use your voice to find movies, stream apps, play music and control the TV. Ask Google Assistant to find a specific title, search by genre, or get personalized recommendations. Even get answers on screen, control smart home devices, and more. Press the Google Assistant button on the remote to get started.




Chromecast built-in™

Easily cast movies, shows, photos, and more from your phone or tablet, right to your TV.

To cast in-app content:

Simply tap the Cast button from apps you already know and love. No new logins or downloads required.

1. Connect your device and the projector to the same wireless network.
2. Open the streaming app on your device.
3. Play a video and tap the Cast button on the video screen. 
4. Select "DBOX02" to connect. The projector will display the video from your device

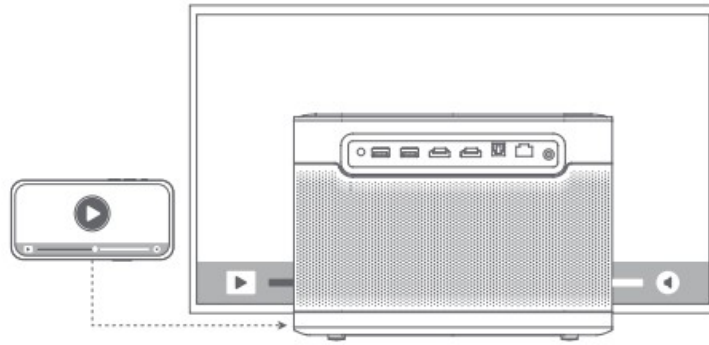
* Due to copyright restrictions, certain content cannot be cast to the projector. You can stream the content on the projector by installing the same application on it.

Screen Mirroring

You can project the entire screen from your device to the projector.

To cast the device screen:

1. Ensure that both your device and the projector are connected to the same wireless network.
2. Install the AirScreen app on the projector.
3. Open the AirScreen app and follow the on-screen instructions to complete the process.



Inputs

HDMI

Insert the HDMI device into the HDMI port.

Go to [Inputs] ,select the HDMI option.

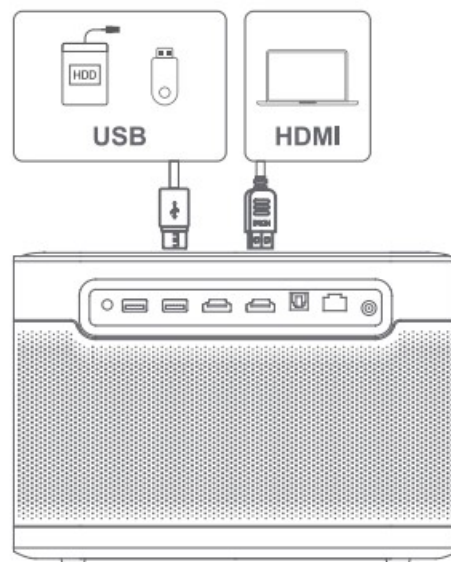
USB Drive

Download the File Explorer app from Google Play.

Insert a USB-A drive into the USB port.

Open the app and find the USB drive,select the content which you want to play.

* USB format supported:FAT32,NTFS



More Settings

1. Projection Mode

Go to [Settings] — [Projector]— [Advanced Settings] — [Projection Mode] to choose the placement method of the projector.

2. Zoom

Go to [Settings] — [Projector] — [Image Correction] — [Image Adaption] to decrease the image size from 100% to 50%.

3. 3D Mode

After playing the video,press and hold the Home button,a dashboard in the upper right corner of the screen.
On dashboard,go to [Picture] — [3D Mode],according to the format of the 3D video, select the corresponding 3D option.

4. System & Product Info

Go to [Settings] — [System] — [About] to check the System & Product information.

Specifications

Display Technology	0.47 in,DLP	Bluetooth Version	5.2
Display Resolution	3840 x 2160	WI-FI	Dual Frequency 2.4/5.0 G Hz
Throw Ratio	1.27:1	Dimensions (L x W x H)	236 × 201.5 × 167 mm 9.29 x 7.93 x 6.57 inches
Speakers	2 x 12W	Weight	3.98kg / 8.77lb

Troubleshooting

1. No audio output
 - a. Check if you have double-clicked the black side key on the remote control to put the projector in mute mode.
 - 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 located on the rear of the projector. The power button indicator light will turn off if the projector enters projection mode 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 $\pm 30^\circ$.
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 $\pm 20^\circ$.
8. Smart Eye Protection failed
 - a. Ensure that the Camera/TOF on the front panel is not blocked or dirty
 - b. The optimal sensing range is located around the center of the image. Being too close to the edges may result in the eye protection feature not triggering.
9. 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.

10. The Remote Control is unresponsive

- a. Ensure that the remote control is successfully paired via Bluetooth. If the pairing is successful, the LED light will flash once when you press any button. When you press and hold any button, the LED light will remain solid.
- b. If the pairing is unsuccessful, the LED light will flash three times when you press any button. When you press and hold any button, the LED light will flash three times and then remain solid.
- c. Check if the power indicator is still on without pressing any buttons. If it is, check the status of the remote control buttons to ensure they are not being pressed.
- d. Ensure that there are no interferences or obstructions between the projector and remote control.
- e. Check the battery and installation polarity.

11. Connect the Bluetooth devices

Enter settings, open the [Remotes & Accessories] to pair more bluetooth devices.

12. Others

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

Important Precautions

- As with any bright source, do not stare into the direct beam, RG2 IEC 62471-5:2015
- Users are aware of the risk of skin or corneal burns. CLASS 1 LASER PRODUCT, Comply with IEC 60825-1:2014.
- 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 5-35°C environment.
- The metal casing is coated with insulating paint.
- 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

Google TV is the name of this device's software experience and a trademark of Google LLC.

Google, YouTube and Chromecast built-in are trademarks of Google LLC.

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.

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).



We declares 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).



Netflix is a trademark of Netflix, Inc.



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Manufactured under license from Dolby Laboratories. Dolby, Dolby Audio, and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

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.

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

For projectors only

The distance between user and products should be no less than 20cm.

5150-5350MHz band is restricted to indoor use only.

⚠ WARNING: This product can expose you to Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov



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EU DECLARATION OF CONFORMITY

Product : Smart Projector

Trademark : Dangbei

Model Designation : DBOX02

Manufacturer's Name : Shenzhen Dangs Science and Technology Co., Ltd.

Manufacturer's Address : 901, GDC Building, Gaoxin Mid 3rd Road, Maling Community, Yuehai Sub-district, Nanshan District, Shenzhen, China.

Manufacturer's Phone : 86-755-26907499

We, Shenzhen Dangs Science and Technology Co., Ltd. declare under our sole responsibility that the above referenced product is in conformity with the applicable requirements of the following directives:

RED Directive : 2014/53/EU RoHS Directive: 2011/65/EU (EU) 2015/863

WEEE Directive : 2012/19/EU REACH Regulation : 2006/1907/EC

Conformity with these directives has been assessed for the product by demonstrating compliance to the following harmonized standards and/or regulations:

EN 62311:2008	EN IEC 62368-1:2020+A11:2020	EN 301489-1 V2.2.1
EN 301489-3 V2.3.2 (2023-01)	EN 301489-17 V3.2.4 (2020-09)	EN 55032:2015+A1
EN 55035:2017+A11:2020	EN 61000-3-2:2019+A1:2021	EN 61000-3-3:2013
EN 301893 V2.1.1 (2017-05)	EN 300440 V2.1.1 (2017-03)	EN 300328 V2.2.2 (
2011/65/EU, (EU) 2015/863	2006/1907/EC	2012/19/EU

Signed for and on behalf of: Shenzhen Dangs Science and Technology Co., Ltd.

Place: Shenzhen, China Date: 2024-02-07 Name: Libing Zhang

Signature:

Libing Zhang

Position: Certification Engineer

UKCA DECLARATION OF CONFORMITY

Product : Smart Projector

Trademark : Dangbei

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Manufacturer's Name : Shenzhen Dangs Science and Technology Co., Ltd.

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We, Shenzhen Dangs Science and Technology Co., Ltd. declare under our sole responsibility that the above referenced product is in conformity with the applicable requirements of the following directives:

RoHS Directive : SI 2022 No.622

REACH Directive : SI 2019 No.758

RED Directive : SI 2017 No.1206

PSTI Directive : SI 2023 No.1007

Conformity with these directives has been assessed for the product by demonstrating compliance to the following harmonized standards and/or regulations:

BS EN IEC 62311:2008 ETSI EN 301489-3 V2.3.2 (2023-01) BS EN 55035:2017+A11:2020 ETSI EN 301893 V2.1.1 (2017-05) SI 2022 No.622 ISO/IEC 29147:2018	BS EN IEC 62368-1:2020+A11:2020 ETSI EN 301489-17 V3.2.4 (2020-09)) BS EN 61000-3-2:2019+A1:2021 ETSI EN 300440 V2.1.1 (2017-03) SI 2019 No.758 and its amendment(UK REACH)	ETSI EN 301489-1 V2.2.3 (2019-11) BS EN 55032:2015+A11:2020 BS EN 61000-3-3:2013+A2:2021 ETSI EN 300328 V2.2.2 (2019-07) ETSI EN 303 645 V2.1.1(2020-06)
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Signed for and on behalf of: Shenzhen Dangs Science and Technology Co., Ltd.

Place: Shenzhen, China Date: 2024-02-07 Name: Libing Zhang

Signature:

Libing Zhang

Customer Support : support@dangbei.com

For FAQs, user guides in multiple languages to download, and more information, please visit us.dangbei.com

Smart Projector

Model : DBOX02


Input : 18.0V 10.0A, 180W

USB Output : 5V 1.0A

Manufacturer : Shenzhen Dangs Science and Technology Co., Ltd.

Address : 901, GDC Building, Gaoxin Mid 3rd Road, Maling Community, Yuehai Sub-district, Nanshan District, Shenzhen, China.

Documents / Resources

	Dangbei DBOX02 Smart Projector [pdf] User Manual DBOX02 Smart Projector, DBOX02, Smart Projector, Projector
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References

- [!\[\]\(2dc8cdc0c918df88cde61039ecf68682_img.jpg\) **Patents - DTS**](#)
- [!\[\]\(793119bf0d613bd9b598fb8668922511_img.jpg\) **Dangbei Laser Projectors and Home Projectors | Dangbei US**](#)
- [!\[\]\(0a4819029e810ca9d2aba79260b63a4d_img.jpg\) **P65Warnings.ca.gov**](#)
- [**User Manual**](#)

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