Dangbei DBOD03

Dangbei Freedo Portable Projector User Manual

Model: DBOD03 | Brand: Dangbei

1. INTRODUCTION

Welcome to the user manual for your new Dangbei Freedo Portable Projector. This guide provides essential information for setting up, operating, maintaining, and troubleshooting your device. The Freedo projector offers a portable cinematic experience with its 1080P resolution, 450 ISO lumens, and integrated Google TV with licensed Netflix. Its compact design and long battery life make it ideal for entertainment anywhere.

Key Features:

- **Super Portable Cinema:** Enjoy up to 2.5 hours of movie playback or 6 hours of music playback on a single charge. Power bank compatible for extended use.
- **Clear and Vivid Visuals:** Experience stunning 1080p visuals with 4K support, 450 ISO lumens, and over 90% DCI-P3 color coverage for true-to-life colors.
- **Google TV and Licensed Netflix:** Access 700,000+ movies and shows with official Netflix, easy casting, and voice control.
- **Large Angle, Large Size:** Project images from 40" to 180" with a 165° wide-angle tilt stand for flexible placement.
- **AI-Powered Setup:** InstanPro technology provides automatic autofocus, keystone correction, screen fit, and obstacle avoidance for effortless setup.

2. WHAT'S IN THE BOX

Please check the contents of your package to ensure all items are present:

- Dangbei Freedo Portable Projector
- Power Adapter
- Remote Control
- AAA Batteries (for remote control)
- Portable Dustproof Bag
- Warranty Card
- User Manual (this document)

3. SETUP GUIDE

3.1 Initial Power On

Connect the power adapter to the projector and a power outlet. The projector will automatically power on or can be powered on by pressing the power button.

3.2 AI-Powered Image Setup

The Freedo projector features InstanPro AI Image Setup for optimal picture quality. This includes:

- **Auto Focus:** Automatically adjusts the image clarity.
- **Auto Keystone Correction:** Corrects distorted images to be rectangular.
- **Screen Fit:** Adjusts the image to fit your projection surface.
- **Obstacle Avoidance:** Detects and adjusts the image to avoid obstacles on the projection surface.

These features work automatically to provide the best possible image no matter where you set up your projector.
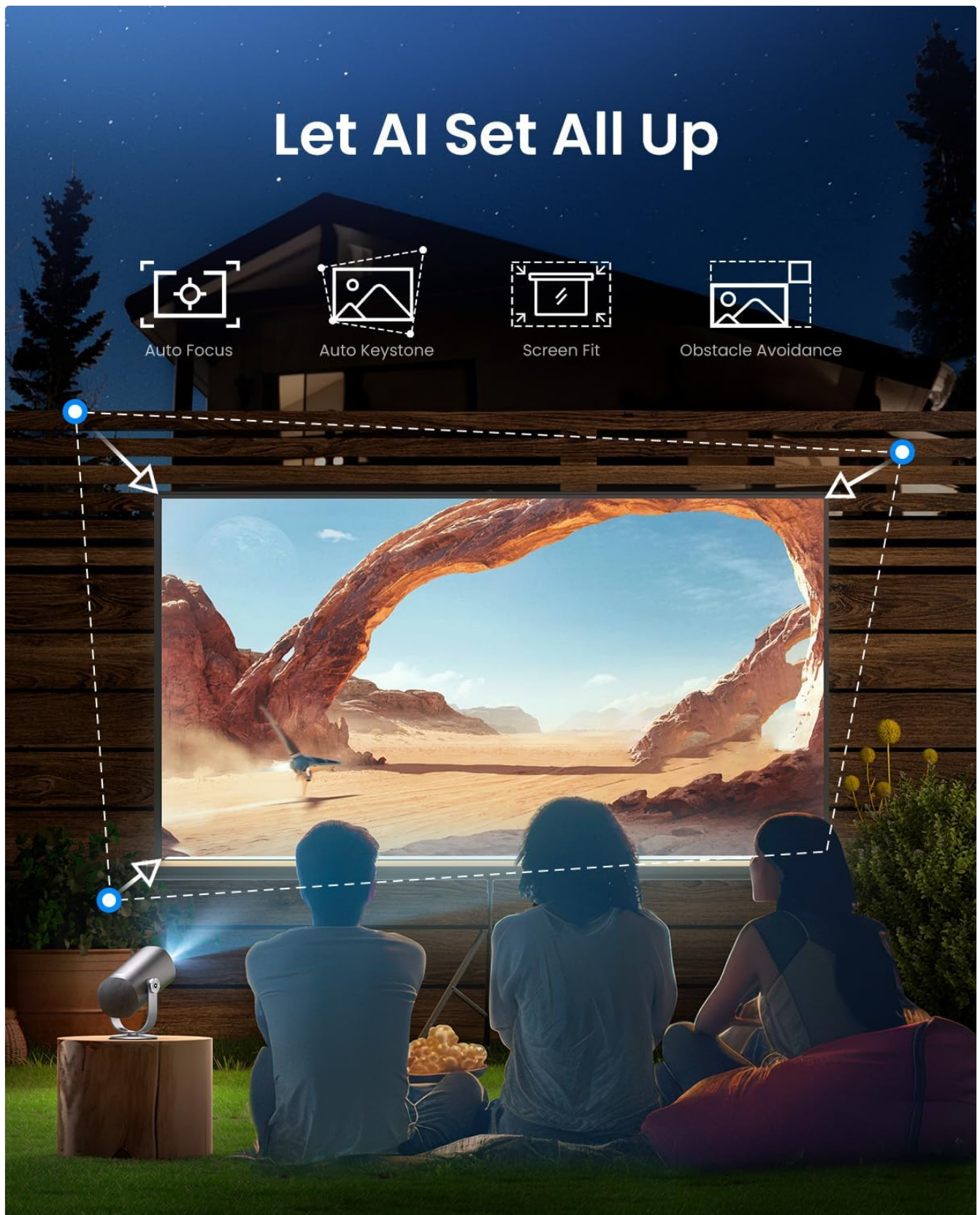
Figure 3.2: AI-Powered Setup in action, ensuring a perfect image.

3.3 Pairing the Remote Control

To pair your remote control with the projector:

1. Ensure the remote control is within 10cm (0.33ft) of the projector.
2. Simultaneously press and hold the "Back" and "Home" buttons on the remote control until the indicator light starts flashing and a beep is heard.
3. When you hear two beeps, the connection has been established successfully.

3.4 Pairing Bluetooth Devices

You can connect external Bluetooth devices like speakers or headphones to your projector:

1. Go to "All settings" on your projector's interface.
2. Select "Bluetooth".
3. Choose "Pair Accessory". The projector will begin searching for nearby Bluetooth devices.
4. Select your desired Bluetooth device from the list and confirm pairing.

Video 3.4.1: Guide on how to pair Bluetooth devices with your Dangbei Freedo Projector.

4. OPERATING INSTRUCTIONS

4.1 Navigating Google TV and Apps

Your Freedo projector comes with Google TV built-in, providing access to a vast library of content. Use the remote control to navigate the interface:

- Use the directional pad to move between options.
- Press the "OK" button to select an item.
- Press the "Home" button to return to the main Google TV screen.
- Press the "Back" button to go back to the previous screen.
- Utilize the voice control feature by pressing the microphone button on your remote and speaking commands.

The projector includes licensed Netflix and other popular streaming applications, allowing you to stream 10,000+ apps and 700,000+ movies and shows directly.

Figure 4.1: Google TV interface with various streaming apps.

4.2 Adjusting Projection Angle and Size

The integrated 165° wide-angle tilt stand allows for flexible projection. You can project onto walls, ceilings, or any flat surface. The projector supports image sizes from 40 inches up to 180 inches.
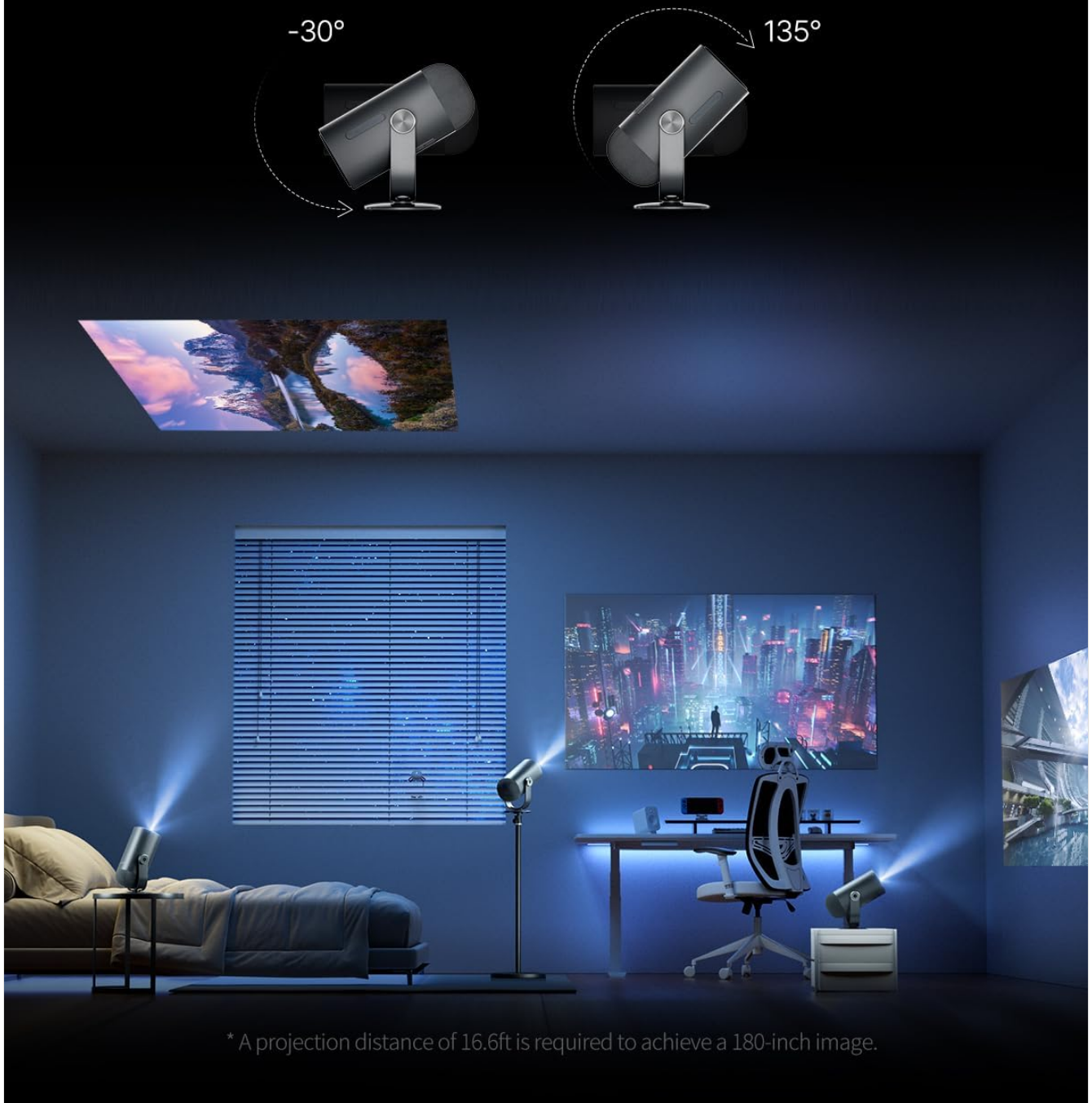
Figure 4.2: Flexible projection with the 165° tilt stand.

4.3 Casting Content

Built-in Google Cast allows you to effortlessly stream photos, videos, and music from your compatible mobile devices (phones, tablets, laptops) to the big screen.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your projector.

5.1 Cleaning the Projector

- **Exterior:** Use a soft, dry cloth to wipe the exterior of the projector. Do not use abrasive cleaners or solvents.
- **Lens:** Gently clean the projector lens with a lens cleaning cloth or a soft, lint-free cloth specifically designed for optical surfaces. Avoid touching the lens directly with your fingers.
- **Vents:** Ensure the ventilation openings are clear of dust and debris to prevent overheating. You may use a can of compressed air to gently clear the vents.

5.2 Storage

When not in use for extended periods, store the projector in its portable dustproof bag in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your projector, please refer to the following common troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the projector and a working power outlet. Check if the power outlet is functional.
- **No Picture:** Verify that the projector is powered on. Check the input source if you are using an external device (e.g., HDMI). Ensure the lens cap is removed. Allow the auto-focus and keystone correction to complete.
- **Blurred Image:** The projector features auto-focus. If the image remains blurry, try moving the projector slightly or manually adjusting focus via settings if available. Ensure the projection surface is flat.
- **No Sound:** Check the volume level on the projector and any connected external audio devices. Ensure Bluetooth audio devices are properly paired and connected.
- **Remote Control Not Responding:** Check the batteries in the remote control. Ensure the remote is paired correctly (refer to Section 3.3).
- **Overheating:** Ensure the projector's vents are not blocked. Operate the projector in a well-ventilated area.

For persistent issues, please contact Dangbei customer support.

7. SPECIFICATIONS

Category	Specification
Brand Name	Dangbei
Item Model Number	DBOD03
Display Technology	DLP
Brightness (ISO Lumens)	450
Display Resolution	1920 x 1080 (1080P Full HD)
Light Source Lifespan	30,000 Hours
Color Gamut	> 90% DCI-P3, 124% Rec.709
Supported Formats	HDR10, HLG

Category	Specification
Image Size	40"-180" (Recommended 60"-100")
Operating System	Google TV
RAM	2GB DDR3
Storage	16GB eMMC5.1
Connectivity Technology	Bluetooth 5.1/BLE, Wi-Fi 5 (2.4G/5G, 802.11 a/b/g/n/ac), USB2.0 (Type-A) x 1, HDMI ARC x 1, DC-IN (USB Type-C) x 1
Battery Capacity	~60Wh
Movie Playtime (Eco Mode)	2.5 Hours
Music Playtime (Bluetooth Speaker Mode)	6 Hours
Audio Speaker	6W, 360°
Dolby Digital	Yes
Dolby Digital Plus	Yes
Item Weight	2.64 pounds (1.4 kg / 3.1 lb)
Product Dimensions	5.1 x 3.9 x 9.3 inches (131*109*238 mm)
Country of Origin	China

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Your Dangbei Freedo Portable Projector comes with a warranty. Please refer to the included Warranty Card for detailed terms and conditions, including warranty period and coverage.

8.2 Customer Support

For any questions, technical assistance, or support inquiries not covered in this manual, please visit the official Dangbei Store or contact their customer service directly.

Official Dangbei Store: https://www.amazon.com/stores/Dangbei/page/D8315986-370C-4B78-9AB6-B95D894C2194