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> [Asnish Mini Projector PJ-88BT User Manual](#)

## Asnish PJ-88BT

# Asnish Mini Projector PJ-88BT User Manual

Model: PJ-88BT

## 1. INTRODUCTION

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The Asnish Mini Projector PJ-88BT is designed for home theater entertainment, offering a portable solution for projecting movies, games, and photos. It supports Full HD 1080P resolution and features a 2000:1 contrast ratio for clear and detailed images.

### Important Notes:

- This projector is not recommended for professional presentations such as PPT, Word, or Excel documents.
- For optimal performance, it is recommended to use the projector in a dark environment.
- The USB port supports USB flash drives up to 128GB for media playback (Music, Pictures, Video, TXT). It does not support cord connection for data transfer from other devices.

### Eye Protection Feature:

The projector utilizes diffuse reflection imaging, which helps to reduce eye fatigue during extended viewing periods, promoting better eye health for users.



Figure 1.1: Diffuse reflection imaging for reduced eye strain.

### Usage Scenarios:

The PJ-88BT projector is suitable for various entertainment purposes, including video gaming, home cinema, outdoor movie nights, and casual meetings.



Figure 1.2: Examples of projector usage in different environments.

## 2. PACKAGE CONTENTS

Please check the package carefully to ensure all items are present and in good condition.

- 1 x Asnish PJ-88BT HD Video Projector
- 1 x Remote Control
- 2 x AAA Batteries (for remote control)
- 1 x Power Cable
- 1 x 1.5M HDMI Cable

- 1 x Lens Cover
- 1 x User Manual (this document)



Figure 2.1: Contents included in the Asnish Mini Projector PJ-88BT package.

### 3. PRODUCT OVERVIEW

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Familiarize yourself with the projector's physical layout and available ports.

#### Input/Output Ports:

The projector is equipped with various ports for connecting different devices:

- **HDMI:** For connecting devices like laptops, game consoles, TV boxes, and streaming sticks.
- **VGA:** For connecting older computers or laptops.
- **AV:** For connecting devices with composite video and stereo audio output.
- **USB:** For playing media directly from a USB flash drive.
- **3.5mm Audio-out:** For connecting external speakers or headphones.



Figure 3.1: Projector interfaces and compatible devices.

## 4. SETUP

### 4.1 Placement and Installation

Position the projector on a stable surface or mount it according to your preference. The optimal projection distance ranges from 1.16 meters to 4.4 meters, allowing for a screen size between 37 inches and 150 inches.

The projector supports multiple installation types:

- **Front Projection:** Projecting from the front of the screen.
- **Rear Projection:** Projecting from behind a translucent screen.

- **Ceiling Projection:** Mounting the projector upside down on the ceiling.
- **Tripod Mount:** Using a standard tripod for flexible positioning.



Figure 4.1: Projector dimensions and installation options.

## 4.2 Power Connection

1. Connect the power cable to the projector's DC input port (DC12V, 4A).
2. Plug the other end of the power cable into a standard electrical outlet (110-240V~50/60HZ).
3. Press the power button on the projector or remote control to turn on the device.

## 4.3 Screen Adjustment

After powering on, adjust the image for clarity and correct geometry.

- **Focus Adjustment:** Rotate the focus ring on the projector lens until the image appears sharp and clear.
- **Keystone Correction:** Use the keystone correction dial or setting to adjust the image's vertical distortion, ensuring a rectangular projection. The projector supports up to 15 degrees of manual keystone correction.



## Keystone Manual Correction $\pm 15^\circ$



Figure 4.2: Screen size range and keystone correction.

## 5. OPERATING INSTRUCTIONS

### 5.1 Connecting External Devices

The projector offers multiple input options for various devices:

- **HDMI:** Connect your laptop, PC, DVD player, game console (PS5, Switch), TV box, or streaming stick using an HDMI cable. Select the HDMI input source on the projector.
- **VGA:** Connect older computers or laptops using a VGA cable. Select the VGA input source.
- **AV:** Connect devices with composite video output using an AV cable. Select the AV input source.
- **USB:** Insert a USB flash drive (up to 128GB) into the USB port. The projector will automatically detect the drive, allowing you to browse and play supported media files.

## 5.2 Smartphone Connection

To connect your smartphone, an additional adapter is required (not included):

- **For iPhone/iPad:** A Lightning to HDMI cable adapter is required.
- **For Android Devices (Android 10.0 or later):** An MHL / Type-C to HDMI adapter or a micro USB to HDMI adapter is required. Ensure your Android phone supports screen mirroring/casting functionality.



Figure 5.1: Smartphone connection methods.

### 5.3 Audio Connections

The projector has a built-in stereo speaker. For enhanced audio, you can connect external audio devices:

- **Bluetooth Speakers/Headphones:** The projector supports Bluetooth connectivity. Navigate to the Bluetooth settings in the projector's menu, enable Bluetooth, and pair with your desired Bluetooth speaker or headphones.
- **3.5mm Audio-out:** Connect external wired speakers or headphones to the 3.5mm audio-out jack.

# Compatible with Bluetooth Speakers/Headsets Enjoy a Better Audio Experience



Figure 5.2: Connecting to Bluetooth audio devices.

## 5.4 Supported Media Formats

The projector supports playback of various media formats from a USB flash drive:

- **Video Formats:** MPEG1, MPEG2, MPEG4, RM, AVI, RMVB, MOV, MKV, DIVX, VOB
- **Audio Formats:** MP3, WMA, ASF, OGG, AAC, WAV
- **Picture Formats:** JPEG, BMP, PNG

## 6. MAINTENANCE

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

## 6.1 Lens Cleaning

- Always use a soft, lint-free cloth specifically designed for optical lenses.
- Gently wipe the lens in a circular motion to remove dust or smudges.
- Avoid using abrasive cleaners or excessive force, as this can damage the lens coating.
- Keep the lens cover on when the projector is not in use to prevent dust accumulation.

## 6.2 General Care

- Keep the projector in a clean, dry environment away from excessive dust, moisture, and extreme temperatures.
- Ensure proper ventilation around the projector to prevent overheating. Do not block the ventilation openings.
- Unplug the projector from the power outlet when not in use for extended periods.

## 7. TROUBLESHOOTING

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If you encounter issues with your projector, refer to the following common problems and solutions:

- **No Power:** Ensure the power cable is securely connected to both the projector and the electrical outlet. Check if the power outlet is functional.
- **No Image:**
  - Verify that the correct input source (HDMI, VGA, AV, USB) is selected on the projector.
  - Check the connection cable (HDMI, VGA, AV) between the projector and the source device. Try a different cable if possible.
  - Ensure the source device (laptop, game console) is powered on and outputting a signal.
- **Blurry Image:**
  - Adjust the focus ring on the projector lens until the image is sharp.
  - Adjust the keystone correction to ensure the image is rectangular.
  - Ensure the projection distance is within the recommended range (1.16m - 4.4m).
- **No Sound:**
  - Check the volume settings on both the projector and the source device.
  - If using external speakers/headphones, ensure they are properly connected and powered on. For Bluetooth, confirm successful pairing.
  - If using an HDMI connection, ensure the audio is being sent through HDMI from the source device.
- **Smartphone Connection Issues:**
  - Confirm you are using the correct HDMI adapter for your specific smartphone model (Lightning to HDMI for iPhone/iPad, MHL/Type-C to HDMI for Android).
  - Ensure your Android phone supports screen mirroring/casting.

## 8. SPECIFICATIONS

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Detailed technical specifications for the Asnish Mini Projector PJ-88BT.

Feature	Specification
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Model	PJ-88BT
Display Technology	LCD
Standard Resolution	800 x 480P
Compatible Resolution	Full HD 1080P
Contrast Ratio	2000:1
Image Brightness	3000 Lumens
Keystone Correction	Manual $\pm$ 15 degrees
Projection Mode	Front, Rear, Ceiling, Tripod Mount
Projection Distance	1.16 - 4.4 meters
Projection Size	37 - 150 inches
Aspect Ratio	16:9
Connectivity Technology	Bluetooth, HDMI, USB, VGA
Hardware Interface	USB, VGA, HDMI, AV, 3.5mm Audio-out
Compatible Devices	Laptop/PC, DVD player, Game Consoles (PS5, Switch), TV Box, Smartphone, Tablet, TV Stick
Speaker	Built-in Stereo Speaker
Power Input	110-240V~50/60HZ
DC Output	DC12V, 4A
Product Dimensions	7.87 x 6.35 x 3.2 inches (20 x 16.1 x 8.1 cm)
Product Weight	1.96 pounds (890 g)
LED Lamp Life	50,000 hours

## 9. WARRANTY AND SUPPORT

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Asnish is committed to providing customer satisfaction. If you encounter any issues or have questions regarding your PJ-88BT Mini Projector, please contact our support team for assistance.