YOTON Y3

YOTON Y3 Mini Projector User Manual

Model: Y3

1. INTRODUCTION

The YOTON Y3 Mini Projector is a compact and portable device designed for home entertainment and presentations. It offers a native 720P resolution with support for Full HD 1080P content, providing clear and bright images in various environments. Its small size and multiple connectivity options make it versatile for use with a wide range of devices.

Key Features:

- **Native 720P Resolution:** Delivers clear images with support for 1080P Full HD input.
- **High Brightness:** 120 ANSI lumens (7500 LM) for adequate visibility in low-light conditions.
- **Compact and Portable:** Roughly the size of two cola cans, weighing 420 grams.
- **Large Screen Projection:** Supports projection sizes from 30 to 180 inches (optimal 40-100 inches).
- **Flexible Adjustments:** Features ±15° vertical keystone correction and 50% zoom function.
- **Multiple Interfaces:** Equipped with HDMI, USB, and AUX ports for broad compatibility.

Image: The YOTON Y3 Mini Projector, demonstrating its compact size when held in a hand.

2. WHAT'S IN THE BOX

Upon opening your YOTON Y3 Mini Projector package, please ensure all the following items are present:

- Mini Projector Y3
- HDMI Cable
- Power Cable
- Remote Control
- User Manual (this document)

3. SETUP GUIDE

3.1 Initial Placement

Place the projector on a stable, flat surface. For optimal viewing, position the projector directly in front of your projection surface (wall or screen). Avoid placing it at an extreme angle if possible, as this may require more keystone correction and could slightly affect image clarity.

Image: The YOTON Y3 Mini Projector set up for family movie watching, illustrating projection size and keystone correction.

3.2 Power Connection

1. Connect the provided power cable to the projector's power input port.
2. Plug the other end of the power cable into a standard electrical outlet.
3. Press the power button on the projector or remote control to turn it on.

3.3 Image Adjustment

- **Focus:** Rotate the focus ring on the projector lens until the image appears sharp and clear.
- **Keystone Correction:** Use the keystone correction dial or remote control buttons to adjust the image vertically, ensuring a rectangular projection if the projector is not perfectly aligned with the screen. The Y3 supports ±15° vertical keystone correction.
- **Zoom Function:** The projector features a 50% zoom function, allowing you to adjust the screen size from 100% down to 50% without moving the projector. This is useful for adapting to different room sizes.
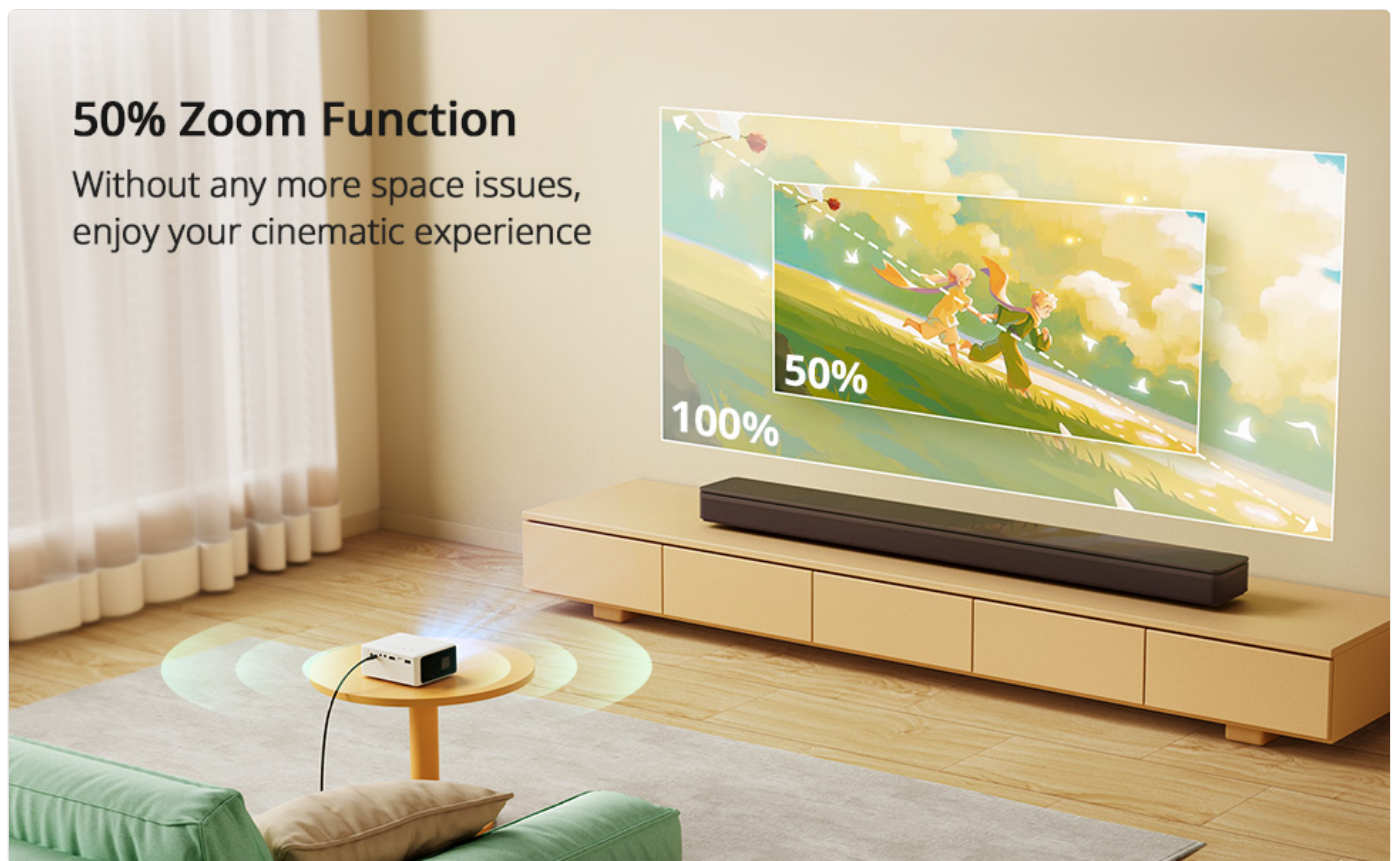
Image: Illustration of the 50% zoom function, allowing screen size adjustment without moving the projector.

4. OPERATING INSTRUCTIONS

4.1 Connecting Devices

The YOTON Y3 Mini Projector offers various connectivity options:

Image: Visual representation of the multiple device connection options available on the YOTON Y3 Mini Projector.

4.1.1 iOS Wired Connection (iPhone/iPad)

For direct wired connection with iOS devices, you will need an official Apple Lightning/Type C to USB cable (not included). This method ensures high-quality video and audio transmission.

1. Connect your iPhone/iPad to the projector's USB port using the Lightning/Type C to USB cable.
2. Select the **[iOS Wired Connection]** signal source on the projector.

Image: Setup for wired mirroring of an iOS device, showing the projector connected to a smartphone via USB-Lightning cable.

4.1.2 Android Wired Connection

For Android phones, a Type C to HDMI cable is required (not included). Please note that some Android models (e.g., Samsung A series, Motorola series, Huawei series, Redmi series, OnePlus series) may not be supported for wired connection.

1. Connect your Android phone to the projector's HDMI port using the Type C to HDMI cable.
2. Choose the **[HDMI]** signal source on the projector.

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Video: Demonstration of Android wireless connection setup for the projector.

4.1.3 HDMI Connection (PC, TV Box, Fire Stick, PS5, Xbox)

Use the provided HDMI cable to connect devices such as laptops, TV boxes, gaming consoles (PS5, Xbox), or streaming sticks (Fire Stick).

1. Connect one end of the HDMI cable to the HDMI port on your device.
2. Connect the other end to the HDMI port on the projector.
3. Select the **[HDMI]** signal source on the projector.

4.1.4 USB Flash Drive Connection

The projector supports USB 2.0 interfaces and USB flash drives with memory less than 64GB.

1. Insert your USB flash drive into the projector's USB port.
2. Select the **[USB]** signal source on the projector.
3. Navigate through the files using the remote control to play supported media.

4.2 Audio Output

The Y3 projector has a built-in speaker. For an enhanced audio experience, you can connect external speakers or headphones via the AUX port.

5. MAINTENANCE

5.1 General Care

- Keep the projector in a clean, dust-free environment.
- Avoid exposing the projector to extreme temperatures or humidity.
- Do not block the ventilation openings, as this can lead to overheating.

5.2 Cleaning the Lens

Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Do not use abrasive cleaners or solvents.

5.3 Addressing Black Dots on Screen

If you notice black dots on your projected screen, this may be due to dust accumulation inside the projector. The following video provides guidance on how to clean the projector to address this issue.

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Video: Instructions on how to clean the projector to remove black dots from the screen.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your YOTON Y3 Mini Projector.

6.1 General Connection Issues

- **No Signal:** Ensure the correct input source is selected on the projector (e.g., HDMI, USB, iOS Wired Connection). Check all cable connections to ensure they are secure.
- **No Picture/Black Screen:** Verify the power connection. If using a streaming service like Netflix or Amazon Prime Video directly from a mobile phone, note that copyright protection may prevent direct screen mirroring. Connect via an HDMI device (PC, TV Box, Amazon Fire Stick) instead.

6.2 Mobile Phone Connection Issues

- **iPhone/iPad Not Projecting (Wired):** Ensure you are using an official Apple Lightning/Type C to USB cable. Confirm that the projector's signal source is set to **[iOS Wired Connection]**.
- **Android Phone Not Projecting (Wired):** Ensure you are using a Type C to HDMI cable. Confirm the projector's signal source is set to **[HDMI]**. Remember that some Android phone series (Samsung A, Motorola, Huawei, Redmi, OnePlus) are not supported for wired connection.

6.3 USB Flash Drive Issues

- **USB Not Recognized:** Ensure the USB flash drive is USB 2.0 compatible. The projector only supports USB drives with a capacity of less than 64GB. USB 3.0 interfaces (often blue) are not supported. Check the file format on the USB drive to ensure it is readable by the projector.

6.4 Overheating

- Ensure adequate ventilation around the projector. Do not place it on soft surfaces that might block air vents. Allow the projector to cool down after extended use.

7. SPECIFICATIONS

Detailed technical specifications for the YOTON Y3 Mini Projector:

Feature	Specification
Brand	YOTON
Model Number	Y3
Native Resolution	1280 x 720P
Supported Resolution	Up to 1080P Full HD
Brightness	120 ANSI Lumens (7500 LM)
Projection Size	30 - 180 inches (Optimal: 40 - 100 inches)
Projection Distance	1 - 3 meters (Optimal: 1.3 - 3 meters)
Keystone Correction	±15° Vertical (Manual)
Zoom Function	100% to 50%
Connectivity	HDMI, USB, AUX
Speaker Type	Built-In
Product Dimensions	5.35 x 4.33 x 2.28 inches (13.72 x 10.92 x 5.84 cm)
Item Weight	14.8 ounces (420 grams)

8. WARRANTY AND SUPPORT

YOTON provides comprehensive support for your Y3 Mini Projector.

8.1 Warranty Information

The YOTON Y3 Mini Projector comes with a **1-year warranty**. Please retain your proof of purchase for warranty claims.
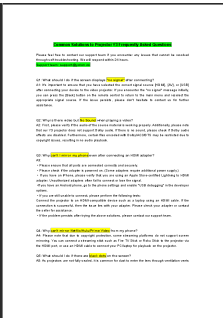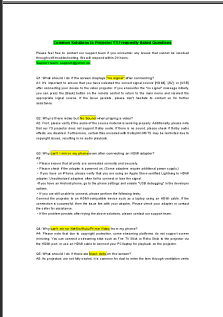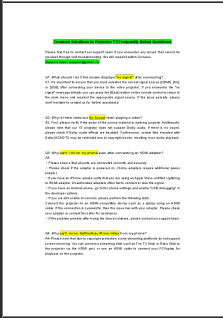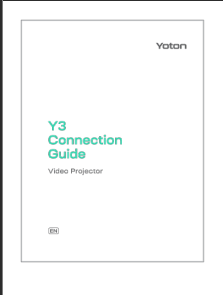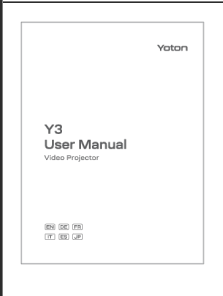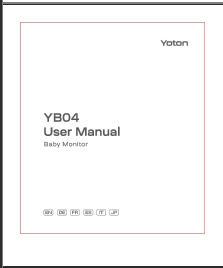
8.2 Customer Support

For any questions, technical assistance, or warranty inquiries, please contact YOTON customer support:

- **Official Support Email:** support@yoton.co
- **Official Website:** www.yoton.co

YOTON aims to provide 24-hour official support and offers a 30-day return and refund policy.

Image: The back of the product packaging, detailing warranty and support contact information.

Related Documents - Y3

[Yoton Projector Y3 Frequently Asked Questions and Solutions](#)
Find solutions to common issues with the Yoton Projector Y3, including no signal, no sound, phone mirroring problems, black dots, overheating, remote control malfunctions, and blurry images. Contact Yoton support for further assistance.

[Yoton Y3 Projector: Frequently Asked Questions and Solutions](#)
Find answers to common questions about the Yoton Y3 projector, including issues with 'no signal', sound problems, phone mirroring, black dots on the screen, automatic shutdown, remote control functionality, and blurry images. Provides troubleshooting steps and contact information for support.

[YOTON Y3 Projector: Frequently Asked Questions and Solutions](#)
Find answers to common questions about the YOTON Y3 projector, including troubleshooting for no signal, no sound, mirroring issues, black dots, overheating, remote control problems, and blurry images.

[Yoton Y3 Video Projector Connection Guide](#)
A comprehensive guide to connecting your Yoton Y3 video projector wirelessly and via wired connections to both Android and iOS devices. Includes troubleshooting tips for 'no signal' issues.

[Yoton Y3 Video Projector User Manual](#)
Comprehensive user manual for the Yoton Y3 video projector, covering setup, specifications, troubleshooting, safety guidelines, and warranty information.

[YOTON YB04 Baby Monitor User Manual - Setup and Operation Guide](#)
Comprehensive user manual for the YOTON YB04 Video Baby Monitor. Includes setup, installation, features, functions, and troubleshooting guide for optimal use and safety.