BYINTEK P70

BYINTEK P70 Mini 3D Projector User Manual

Model: P70

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your BYINTEK P70 Mini 3D Projector. Please read this manual thoroughly before using the device and retain it for future reference. The BYINTEK P70 is a portable projector featuring auto-focus, 6D keystone correction, 3D capabilities, and an integrated Android 9.0 operating system for a versatile viewing experience.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage to the projector, please observe the following safety guidelines:

- Do not block the ventilation openings. Ensure adequate airflow around the projector to prevent overheating.
- Avoid direct eye exposure to the projector lens when the lamp is on. The bright light can cause eye damage.
- Do not place the projector in unstable locations. Ensure it is on a flat, stable surface or securely mounted.
- Keep the projector away from water or other liquids. Do not operate in damp or wet environments.
- Use only the power adapter supplied with the projector. Using an unauthorized adapter may cause damage or fire.
- Do not attempt to disassemble or repair the projector yourself. Refer all servicing to qualified personnel.
- Keep the projector away from heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- BYINTEK P70 Mini 3D Projector
- Power Adaptor
- AV Cable

- User Manual (this document)
- Remote Control (typically included with projectors)
- Portable Storage Bag
- High-Strength Bracket

4. PRODUCT OVERVIEW

Familiarize yourself with the components and ports of your BYINTEK P70 projector.

Image 4.1: Front and side view of the BYINTEK P70 Mini 3D Projector. The front features the projection lens and auto-focus sensor, while the sides show ventilation grilles.

Image 4.2: Rear view of the BYINTEK P70 Mini 3D Projector, illustrating the various connectivity ports including USB, HDMI, and the Type-C charging port, alongside the power button.

4.1. Projector Components

- **Projection Lens:** Emits the image onto the screen.
- **Auto-Focus Sensor:** Automatically adjusts image clarity.
- **Ventilation Grilles:** Essential for heat dissipation. Do not obstruct.
- **Power Button:** Turns the projector on or off.
- **USB Port:** For connecting USB storage devices or peripherals.
- **HDMI Port:** For connecting external video sources.
- **Type-C Charging Port:** For power input and charging the internal battery.
- **IR Receiver:** For remote control signals.
- **Speakers:** Integrated 2*5W stereo speakers.

5. SETUP

5.1. Powering On/Off

1. **Connect Power:** Connect the supplied power adaptor to the Type-C charging port on the projector and then to a power outlet. The projector can also be powered by a compatible mobile power bank.

2. **Power On:** Press and hold the Power Button on the projector or the remote control for a few seconds until the indicator light illuminates and the projector starts.

3. **Power Off:** Press and hold the Power Button again until the projector shuts down. Always ensure proper shutdown to prevent data loss or damage.

5.2. Initial Setup: Focus and Keystone Correction

Image 5.1: The BYINTEK P70 Projector automatically adjusting its focus for a clear image, indicated by an on-screen graphic.

- **Auto-Focus:** The BYINTEK P70 features automatic focus adjustment. Upon startup or movement, the projector will typically adjust the image clarity automatically. If needed, manual focus adjustment options may be available in the system settings.

- **6D Keystone Correction:** This projector supports multi-point trapezoidal correction. This feature allows you to

adjust the image shape to be perfectly rectangular even when the projector is placed at an angle. Access keystone correction settings through the projector's menu to fine-tune the image geometry.

5.3. Connectivity

- **Wi-Fi Connection:**

  a. Navigate to **Settings > Network & Internet > Wi-Fi**.

  b. Select your desired 2.4G or 5G Wi-Fi network from the list.

  c. Enter the password and connect.

- **Bluetooth Connection:**

  a. Navigate to **Settings > Connected devices > Bluetooth**.

  b. Turn on Bluetooth and search for available devices.

  c. Select the device you wish to pair with (e.g., Bluetooth speaker, keyboard, mouse).

- **HDMI Input:** Connect an external device (e.g., laptop, gaming console) to the projector's HDMI port using an HDMI cable. Select the HDMI input source from the projector's input menu.

- **USB Input:** Insert a USB flash drive or external hard drive into the USB port. The projector's file manager will allow you to browse and play media files directly.

5.4. Screen Mirroring (Wired/Wireless)

The BYINTEK P70 supports both wired and wireless screen casting for Apple and Android mobile phones.

- **Wireless Screen Casting:** Ensure your mobile device and the projector are connected to the same Wi-Fi network. Use the built-in screen mirroring application on the projector (e.g., AirPlay for iOS, Miracast for Android) and follow the on-screen instructions to connect your phone.

- **Wired Screen Casting:** For compatible devices, connect your mobile phone to the projector using an appropriate cable (e.g., USB-C to HDMI adapter, if supported by your phone and projector).

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6. OPERATING INSTRUCTIONS

6.1. Android 9.0 System and Applications

The projector runs on Android 9.0, providing access to a variety of applications.

- **Navigation:** Use the remote control or a connected Bluetooth mouse to navigate the Android interface.

- **App Marketplace:** Access the built-in app marketplace to download and install streaming services like NETFLIX, Disney+, YouTube, Hulu, and other compatible applications.

- **Online Video Playback:** Stream content directly from installed apps or through a web browser.

6.2. 3D Functionality

Image 6.1: A BYINTEK P70 Projector creating a 3D cinematic experience in a living room, with viewers enjoying the immersive display.

The BYINTEK P70 supports DLP-LINK 3D functionality. To enjoy 3D content:

1. Ensure your 3D content is in a compatible format.

2. Wear active DLP-LINK 3D glasses (sold separately).

3. Activate the 3D mode from the projector's settings menu if it doesn't automatically detect 3D content.
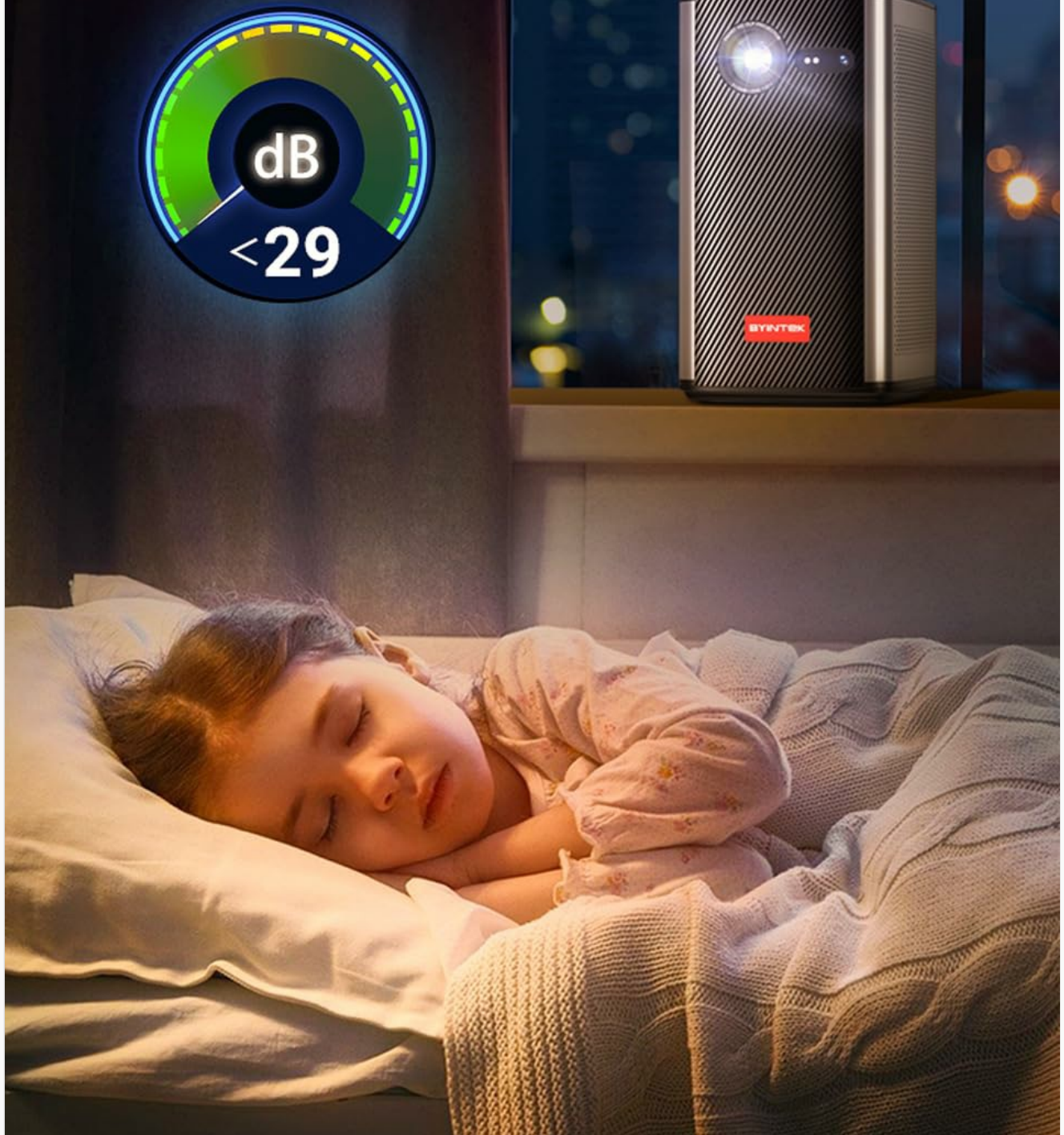
6.3. Audio Features and Quiet Operation

Image 6.2: The BYINTEK P70 Projector operating with super silent technology, allowing for undisturbed sleep, as depicted by a child sleeping in the foreground.

- **Integrated Speakers:** The projector includes two 5W speakers for direct audio output.

- **Bluetooth Speaker Mode:** The projector can function as a standalone Bluetooth speaker. Connect your mobile phone via Bluetooth to play music through the projector's speakers without projecting an image.

- **External Audio:** For enhanced audio, connect external speakers or a soundbar via Bluetooth or the projector's

audio output port (if available).

- **Quiet Operation:** The projector features a super silent fan, controlling noise levels to below 29 dB at 1 meter, ensuring a quiet viewing environment.

6.4. Battery and Portability

Image 6.3: A family enjoying a movie projected outdoors by the BYINTEK P70, highlighting its portability and battery life for extended use.
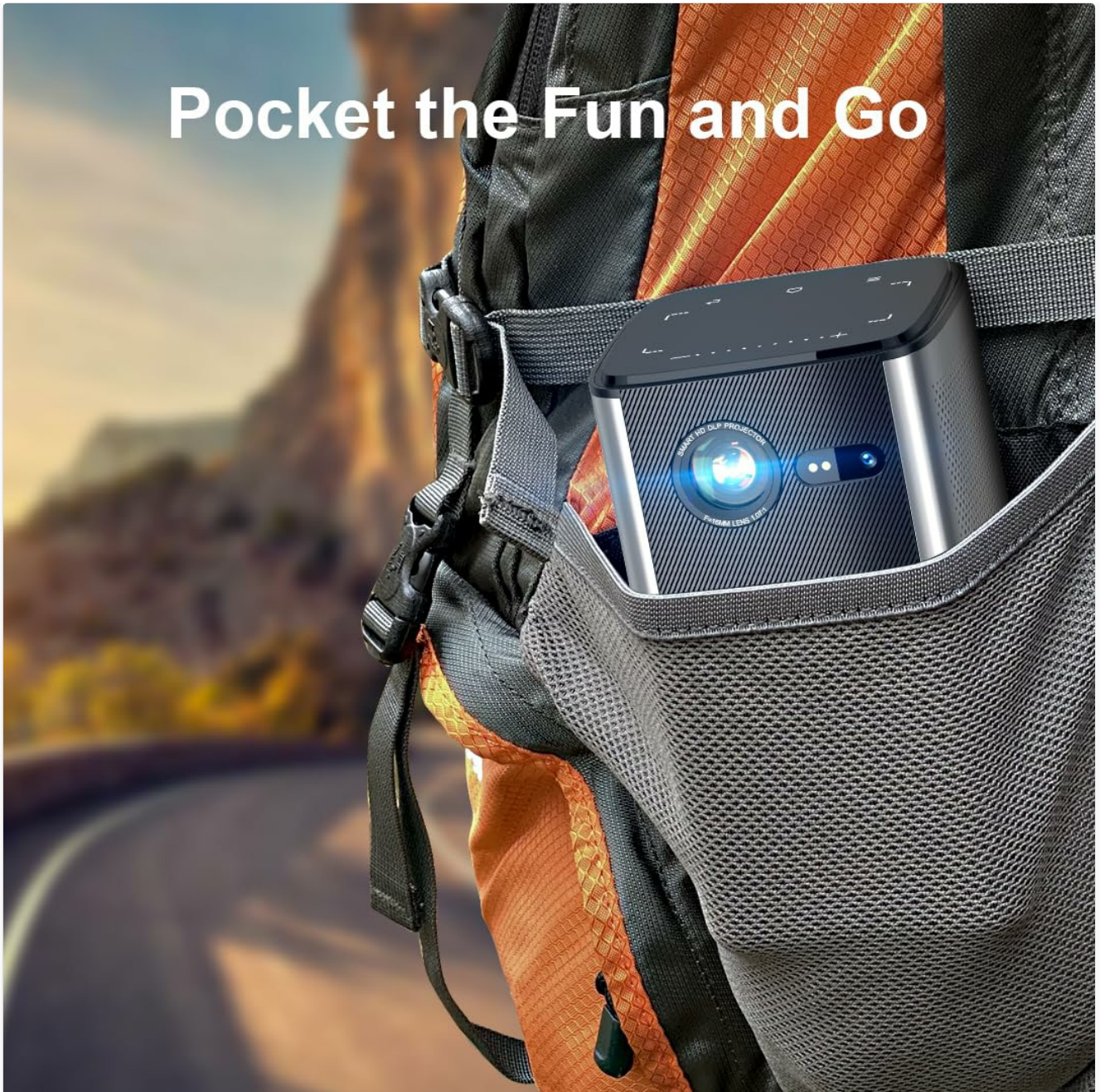
Image 6.4: The compact BYINTEK P70 Projector fitting easily into a backpack pocket, demonstrating its design for portability.

- **Built-in Battery:** The projector features an 8000mAh (29.6Wh) battery, providing up to 240 minutes (4 hours) of operation on a single charge.

- **Mobile Power Supply:** The projector supports external mobile power banks for extended use, making it suitable for outdoor activities.

- **Portability:** Its compact size and included portable storage bag and high-strength bracket make it easy to transport and set up in various locations.

7. MAINTENANCE

7.1. Cleaning

- **Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or cloths.

- **Exterior:** Wipe the projector's exterior with a soft, dry cloth. For stubborn marks, lightly dampen the cloth with water. Avoid harsh chemicals.

- **Ventilation:** Periodically check and gently clean the ventilation grilles to ensure they are free from dust and debris. Use a soft brush or compressed air.

7.2. Storage

- Store the projector in a cool, dry place away from direct sunlight and extreme temperatures.

- Use the provided portable storage bag to protect the projector from dust and scratches when not in use or during transport.

8. TROUBLESHOOTING

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

- **No Power:**

  - Ensure the power adapter is securely connected to the projector and a working power outlet.
  - Check if the power button has been pressed correctly.
  - If using battery power, ensure the battery is charged.

- **No Image / Blank Screen:**

  - Verify the input source is correctly selected (e.g., HDMI, USB, internal Android system).
  - Check all cable connections (HDMI, etc.) are secure.
  - Ensure the lens cap is removed.

- **Blurry Image:**

  - Allow the auto-focus feature to operate.
  - Adjust keystone correction settings if the image is distorted.
  - Ensure the projection surface is flat and the projector is stable.

- **No Sound:**

  - Check the volume level on the projector and the connected source device.
  - Ensure no external Bluetooth audio device is connected if you intend to use the internal speakers.
  - If using an external source, verify its audio output settings.

- **Wi-Fi/Bluetooth Connectivity Issues:**

  - Ensure the projector is within range of the Wi-Fi router or Bluetooth device.
  - Restart the projector and the network device/Bluetooth accessory.
  - Verify the Wi-Fi password is correct.

9. SPECIFICATIONS

Detailed technical specifications for the BYINTEK P70 Mini 3D Projector:

Brand	BYINTEK

Model	P70
Product Dimensions	8.2 x 8.2 x 14.2 cm
Display Technology	DLP
Image Brightness	300 ANSI Lumens (typical unit for 'Image brightness: 300')
Image Contrast Ratio	5000:1
Native Resolution	1280 x 720 Pixels (HD)
Refresh Rate	60 Hz
Connectivity Technology	Bluetooth, HDMI, IR, USB, Wi-Fi (2.4G/5G)
Compatible Devices	Laptop, Smartphone, Tablet
Special Features	Portable, Auto Focus, 6D Keystone Correction, 3D Function, Android 9.0 OS
Form Factor	Pocket
Mounting Type	Tripod Mount, Desktop Mount
Battery Capacity	8000mAh (29.6Wh)
Battery Life	Up to 240 minutes (4 hours)
Speakers	2 x 5W Stereo Speakers
Noise Level	Below 29 dB (at 1 meter)

Note: Specifications are subject to change without prior notice.
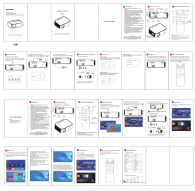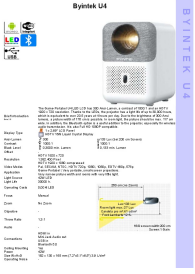
10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official BYINTEK website. Keep your purchase receipt as proof of purchase for warranty claims.
If you require further assistance, please contact BYINTEK customer service through the channels provided on their official website.

11. OFFICIAL PRODUCT VIDEOS

No official product videos from the seller were available for embedding based on the provided data.

Related Documents - P70

	BYINTEK K45 Smart LCD Projector User Manual Comprehensive user manual for the BYINTEK K45 Smart LCD projector. Covers setup, operation, features like auto focus and Android connectivity, troubleshooting, and technical specifications for optimal performance.
	BYINTEK K20 Projector User Manual Comprehensive user manual for the BYINTEK K20 projector, covering setup, operation, specifications, and troubleshooting. Learn how to connect devices, adjust settings, and maintain your projector.
	BYINTEK K7 Mini Projector User Manual Comprehensive user manual for the BYINTEK K7 Mini Projector. Includes packing list, function overview, quick start guide, input source options, connection methods, detailed specifications, projection distance and size chart, setup notices, and troubleshooting tips.
	Byintek U14 Smart Projector: Full HD, Android 9.0, LED Specifications Comprehensive technical specifications and features for the Byintek U14 smart projector, highlighting its Full HD resolution, Android 9.0 OS, LED technology, and connectivity options for presentations and home use.
	Byintek U4 Portable LED Projector: Specs, Features, and Overview Discover the Byintek U4, a portable LED LCD projector with 300 Ansi-Lumen, HDTV 1920x720 resolution, Bluetooth 5.0, Wi-Fi, and Android 9.0. Get detailed specifications and features.
	Byintek SKY K9 LED LCD Projector: Specifications and Features Detailed specifications for the Byintek SKY K9 LED LCD projector, including resolution, brightness, contrast, connectivity, and dimensions. Learn about its features, LED lifespan, and optimal usage conditions.