BenQ GP20

BenQ GP20 Wireless Ultra-Lite LED 700 Lumen Projector User Manual

1. INTRODUCTION

The BenQ GP20 is an Ultra-Lite LED 700 Lumen Projector designed for versatile use, offering high-definition projection in various environments. This compact projector features 720p HD resolution, built-in 3W speakers with SRS surround sound, and 3D-ready projection capabilities. It supports unparalleled multimedia connectivity, including wireless display functions and MHL for mobile devices.

This manual provides essential information for setting up, operating, and maintaining your BenQ GP20 projector to ensure optimal performance and longevity.

Image 1.1: The BenQ GP20 Wireless Ultra-Lite LED 700 Lumen Projector, showcasing its compact design and lens.

2. UNBOXING AND PACKAGE CONTENTS

Upon opening the BenQ GP20 package, ensure all components are present and undamaged. The standard

package includes the projector unit, a remote control, power cables, and a carrying case. Additional accessories such as a wireless dongle and various connection cables may also be included.

Image 2.1: The BenQ GP20 projector box, with various accessories including cables, remote, and carrying case laid out.

3. Setup Instructions

3.1 Initial Placement

Place the projector on a stable, flat surface. For optimal image quality, position the projector perpendicular to the projection surface (screen or wall). The short-throw projection technology allows for a large 40-inch picture from approximately one meter distance.

3.2 Power Connection

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

3.3 Image Adjustment

The GP20 features an automatic keystone correction function. This feature automatically adjusts misshaped images, graphics, and charts into a perfect square, eliminating the need for manual adjustments.

4. Operating Instructions

4.1 User Interface

The GP20 user interface is designed for ease of use, featuring navigation elements similar to popular multimedia devices. This intuitive design minimizes the need for extensive manual consultation.

4.2 Content Source Selection

The projector can automatically detect and select content sources when devices like SD cards or USB drives are plugged in. Manual selection is also available through the on-screen menu.

4.3 Remote Control Functions

Use the provided remote control to navigate menus, adjust settings, and control playback. Familiarize yourself with the buttons for power, source selection, volume, and menu navigation.

5. CONNECTIVITY

5.1 Wireless Display

The GP20 supports wireless display functions, allowing connection via notebooks, PCs, or mobile devices. The EZ QPresenter 2.0 for PC offers wireless connectivity from your PC to the GP20, with options for extending to a secondary display or projecting streaming video. The iOS EZ QPresenter 2.0 app allows projection of PDF, MS Office, and iWorks documents directly from an iPhone or iPad, including Dropbox streaming.

5.2 MHL Connectivity

The projector features MHL (Mobile High-Definition Link) functionality, enabling you to mirror content from compatible Android devices to the big screen. Your device will also charge while connected via MHL.

5.3 Other Connections

The GP20 offers various ports for multimedia connectivity, including USB. Refer to the port labels on the projector for specific connection types.

6. ADVANCED FEATURES

6.1 LED Projection Technology

Utilizing RGB LEDs as the light source, the GP20 delivers vibrant, color-rich images with a 10000:1 contrast ratio and 100% NTSC color gamut. This technology ensures a long lifespan for the light source, up to 30,000 hours in Eco Mode, without a decrease in brightness.

6.2 Auto Blank Eye Protection

The Auto Blank feature is designed for eye protection, particularly around young children. It detects movements within 20 to 30 centimeters in front of the lens and automatically cuts off the projection light to prevent direct exposure.

6.3 3D-Ready Projection

The BenQ GP20 is 3D-ready, allowing for immersive 3D content viewing with compatible 3D glasses and source material.

7. MAINTENANCE

7.1 Cleaning the Projector

- **Exterior:** Use a soft, lint-free cloth to gently wipe the projector's exterior. Avoid abrasive cleaners or solvents.
- **Lens:** Use a lens cleaning cloth or specialized lens paper with a small amount of lens cleaning solution. Do not touch the lens directly with your fingers.

- **Ventilation:** Ensure the ventilation openings are clear of dust and obstructions to prevent overheating.

7.2 Storage

When not in use, store the projector in its carrying case in a cool, dry place away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

If you encounter issues with your BenQ GP20 projector, consider the following basic troubleshooting steps:

- **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 is selected. Check all cable connections between the projector and the source device.
- **Blurred Image:** Allow the automatic keystone correction to function. Ensure the projection surface is flat and the projector is stable.
- **No Audio:** Check the volume settings on both the projector and the source device. Ensure audio cables are correctly connected if not using HDMI.
- **Remote Control Not Working:** Check and replace the batteries in the remote control. Ensure there are no obstructions between the remote and the projector's IR receiver.

For persistent issues, consult the BenQ support website or contact customer service.

9. SPECIFICATIONS

Feature	Specification
Brand	BenQ
Model Number	GP20
Display Resolution	1280 x 800
Brightness	700 Lumens
Light Source	LED
Contrast Ratio	10000:1
Color Gamut	100% NTSC
Speaker Type	Built-In (Two 3W Stereo Speakers with SRS HD)
Connectivity Technology	USB, Wireless Display, MHL-Enabled HDMI
Special Features	3D-Ready, Auto Keystone, Auto Blank Eye Protection
Item Weight	3.5 pounds
Product Dimensions	2.4 x 8.6 x 6.9 inches

Feature	Specification
Power Source	1 Lithium Ion battery (included)
Energy Efficiency	Energy Star certified

10. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official BenQ website. For technical support, product registration, or service inquiries, please contact BenQ customer support through their official channels.