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Acer QH10

Acer QH10 Portable LED Projector User Manual

Model: QH10

1. Introduction

Thank you for choosing the Acer QH10 Portable LED Projector. This manual provides essential information for the safe and efficient use of your projector. Please read these instructions carefully before operating the device and retain them for future reference.

2. Product Overview

Familiarize yourself with the components and features of your Acer QH10 projector.



Figure 2.1: Front-top view of the Acer QH10 Portable LED Projector, showcasing the lens, focus and keystone adjustment wheels, and the control panel on top.



Figure 2.2: Angled view of the projector, highlighting the projection lens and the front ventilation grille.



Figure 2.3: Side view of the projector, displaying the available input ports: SD card slot, USB 1, USB 2, HDMI, and a 3.5mm headphone jack.



Figure 2.4: Opposite side view of the projector, showing the DC power input port.

3. Setup

3.1 Placement

The Acer QH10 is designed for tabletop mounting. Place the projector on a stable, flat surface. Ensure there is adequate space around the projector for ventilation.



Figure 3.1: The Acer QH10 projector positioned on a coffee table, illustrating a typical setup environment.

3.2 Power Connection

1. Connect the power adapter to the DC IN port on the projector.
2. Plug the power adapter into a suitable electrical outlet.
3. Press the power button on the projector or remote control to turn on the device.

3.3 Focus and Keystone Adjustment

- **Focus:** Rotate the focus wheel located near the lens until the projected image appears sharp and clear.
- **Keystone:** Use the keystone adjustment wheel to correct any trapezoidal distortion in the image, ensuring a rectangular projection.

4. Operating Instructions

4.1 Source Selection

After powering on, the projector will display its main menu. Use the navigation buttons on the projector or remote control to select your desired input source (e.g., HDMI, USB, SD).

4.2 Basic Navigation

Navigate through menus and settings using the directional buttons and the 'OK' or 'Enter' button. The 'Back' or 'Exit' button will return you to the previous screen or exit the menu.

4.3 Audio Output

The projector features two built-in 2W speakers. For external audio, connect headphones or external speakers to the 3.5mm audio output jack.

5. Connectivity

5.1 HDMI Connection

Connect an HDMI cable from your source device (e.g., laptop, gaming console, Blu-ray player) to the HDMI port on the projector. Select HDMI as the input source.

5.2 USB Connectivity

The projector has two USB Type-A ports. One is designated for a wireless dongle, and the other can be used for media playback from USB storage devices or for 5V/0.5A DC output to power small devices.



Figure 5.1: A smartphone connected to the projector via a USB cable, demonstrating direct wired content display.

5.3 SD Card Usage

Insert an SDHC compatible SD card into the SD card slot to play media files directly from the card. Select SD as the input source.

5.4 Wireless Mirroring (with optional dongle)

If using a compatible wireless dongle in the designated USB port, you can mirror content from your smartphone or tablet to the projector. Refer to the dongle's instructions for specific setup steps.



Figure 5.2: Illustration of wireless screen mirroring, showing content from a tablet being displayed on the projector screen.

6. Maintenance

6.1 Cleaning the Lens

Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Avoid using abrasive cleaners or excessive force.

6.2 Ventilation

Ensure that the projector's ventilation openings are not blocked. Proper airflow is crucial to prevent overheating and maintain optimal performance. Do not place the projector on soft surfaces that may obstruct vents.

6.3 Storage

When not in use, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. Use a protective cover to prevent dust accumulation.

7. Troubleshooting

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

- **No Power:**
  - Check if the power adapter is securely connected to both the projector and the electrical outlet.
  - Ensure the power outlet is functional.

- **No Image:**
  - Verify that the correct input source is selected.
  - Check the connection cable (HDMI, USB) between the source device and the projector.
  - Ensure the source device is powered on and outputting a signal.
- **Blurry Image:**
  - Adjust the focus wheel until the image is clear.
  - Ensure the projection surface is flat and the projector is at an optimal distance.
- **Image is Trapezoidal:**
  - Adjust the keystone correction wheel to square the image.
- **No Sound:**
  - Check the volume settings on both the projector and the source device.
  - Ensure external speakers/headphones are properly connected if used.

8. Specifications

The following table outlines the technical specifications for the Acer QH10 Portable LED Projector:

Feature	Specification
Brand	Acer
Model Name	QH10
Display Technology	LCD
Display Type	LED
Native Resolution	1280 x 720 Pixels (720P)
Maximum Supported Resolution	1920 x 1080 Pixels
Brightness	200 Lumens (Standard)
Contrast Ratio	1,000:1
Lamp Life	20,000 Hours (Standard, White LED)
Aspect Ratio	16:9 (Native), 4:3 (Supported)
Speakers	2W x 2
Connectivity	HDMI x1, SD (SDHC) x1, USB (Wireless dongle, Type A) x1, USB (Type A) x1
DC Out	5V/0.5A (USB Type A)
Special Feature	Portable
Mounting Type	Tabletop Mount
Dimensions (L x W x H)	32.4 x 24.5 x 12.8 cm

Feature	Specification
Weight	1.83 kg

9. Safety Information

- Do not block the ventilation openings.
- Do not expose the projector to rain or moisture.
- Avoid looking directly into the projector lens when the lamp is on.
- Use only the power adapter supplied with the projector.
- Do not attempt to disassemble or modify the projector. Refer all servicing to qualified personnel.
- Keep the projector away from heat sources and direct sunlight.

10. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Acer support website. You can find more information at the Acer Store.

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