LightInTheBox C6

Cheerlux C6 HD Mini Portable LED Projector
USER MANUAL

Model: C6

1. Introduction

Thank you for purchasing the Cheerlux C6 HD Mini Portable LED Projector. This compact and versatile projector is designed for home theater, gaming, and various multimedia applications. With its LED light source and multiple input options, it provides an immersive viewing experience. Please read this manual thoroughly before operating the device to ensure proper use and maintenance.

This manual provides essential information on setting up, operating, and maintaining your Cheerlux C6 projector.

2. Safety Information

Please observe the following safety precautions to prevent damage to the projector and ensure your safety:

- **Power Supply:** Use only the specified power adapter. Ensure the voltage matches the projector's requirements (AC 90-240V, 50-60Hz).
- **Ventilation:** Do not block the ventilation openings. Ensure adequate airflow around the projector to prevent overheating.
- **Heat:** The projector may become warm during operation. This is normal. Avoid touching hot surfaces.
- **Eye Safety:** Do not look directly into the projector lens when the lamp is on. The bright light can cause eye damage.
- **Liquid Exposure:** Do not expose the projector to rain, moisture, or any liquids.
- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Placement:** Place the projector on a stable, flat surface. Avoid placing it in direct sunlight or near heat sources.
- **Servicing:** Do not attempt to repair the projector yourself. Refer all servicing to qualified service personnel.

3. Package Contents

Verify that all items are present in the package:

- Cheerlux C6 Projector
- Power Cable
- Remote Control

- AV Cable (3-in-1)
- User Manual (this document)

Figure 3.1: The Cheerlux C6 projector packaging box, indicating the product and its portable nature.

4. Product Features

The Cheerlux C6 projector offers a range of features for an enhanced viewing experience:

- **Compact and Portable Design:** Lightweight (2.07lb) and mini size (8.0in x 6.1in x 3.3in) for easy transport.
- **Native Resolution:** True native resolution of 800x480 pixels, supporting up to 1080p.
- **Brightness:** 1200 Lumens brightness for clear images.
- **Long Lamp Life:** LED lamp with an impressive life of up to 50,000 hours.
- **Multiple Connectivity Options:** HDMI, USB 2.0, VGA, Composite A/V, Analog TV, and 3.5mm Stereo Jack.
- **Built-in Speaker:** Integrated speaker for audio playback.
- **Multimedia Playback:** Directly play movies, videos, music, and view images from a USB flash drive.
- **Keystone Correction:** Manual ±15° digital keystone correction for image adjustment.

5. Product Diagram and Components

Familiarize yourself with the different parts of your Cheerlux C6 projector.

Figure 5.1: Front view of the Cheerlux C6 projector, highlighting the lens and front panel design.

Figure 5.2: The Cheerlux C6 projector in black, shown with its remote control and a colorful light beam emanating from the lens, indicating

active projection.

Figure 5.3: Rear view of the Cheerlux C6 projector, displaying various input and output ports including USB, HDMI, VGA, AV, and the power input.

Figure 5.4: A hand holding the Cheerlux C6 projector, demonstrating its compact and portable size.

6. Setup

Follow these steps to set up your projector:

1. **Placement:** Place the projector on a stable, flat surface. Ensure there is enough space around the projector for proper ventilation. The ideal projection distance is between 1 to 4 meters, yielding a screen size of 25 to 100 inches.

2. **Power Connection:** Connect the power cable to the projector's power input and then plug it into a wall outlet.

3. **Connect Input Source:**
   - **HDMI:** Connect an HDMI cable from your device (e.g., laptop, game console) to the HDMI port on the projector.
   - **VGA:** Connect a VGA cable from your computer to the VGA port.
   - **AV:** Use the included 3-in-1 AV cable to connect to devices with RCA outputs.
   - **USB:** Insert a USB flash drive into the USB port for direct media playback.
   - **TV:** Connect an antenna to the TV input for analog TV channels.

4. **Power On:** Press the power button on the projector or the remote control to turn on the device.

5. **Focus Adjustment:** Rotate the focus ring on the lens until the projected image is clear and sharp.

6. **Keystone Correction:** If the image appears trapezoidal, adjust the keystone correction dial (±15°) until the image is rectangular.

7. Operating

This section details the basic operation of your Cheerlux C6 projector.

7.1. Power On/Off

- To turn on: Press the **Power** button on the projector or remote control.
- To turn off: Press the **Power** button again. Confirm shutdown if prompted.

7.2. Input Source Selection

After powering on, select your desired input source:

- Press the **Source** button on the remote control or projector.
- Use the arrow keys to navigate through input options (HDMI, VGA, AV, USB, TV).
- Press **OK** to confirm your selection.

7.3. Menu Navigation

Use the remote control to access and navigate the projector's menu:

- Press the **Menu** button to open the main menu.
- Use the **Up**/**Down** arrow keys to select menu categories (e.g., Picture, Sound, Time, Option).
- Use the **Left**/**Right** arrow keys to adjust settings within a selected category.
- Press **OK** to confirm changes or enter sub-menus.
- Press **Exit** or **Menu** again to close the menu.

7.4. Multimedia Playback (USB)

To play media from a USB flash drive:

1. Insert your USB flash drive into the USB port.
2. Select "USB" as the input source.
3. The projector will display a media browser. Select the type of media you wish to play (Movie, Music, Photo, Text).
4. Navigate through your files using the arrow keys and press **OK** to open or play a file.

Supported formats include: Video (MP4, H.264, FLV, RMVB, RM, MPG, MPEG, DAT, VOB, MOV, AVI), Audio (CD, WAV, WMA, MP3), Picture (JPG, PNG, GIF, BMP, JPEG).

8. Maintenance

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

- **Lens Cleaning:** Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Do not use abrasive cleaners or excessive force.
- **Ventilation Ports:** Regularly check and clean the ventilation ports to prevent dust buildup, which can lead to overheating. Use a soft brush or compressed air to remove dust.
- **General Cleaning:** Wipe the exterior of the projector with a soft, dry cloth. Avoid using harsh chemicals.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures.

- **Lamp Life:** The LED lamp has a life of approximately 50,000 hours, meaning it typically does not require replacement during the product's lifespan under normal usage.

9. Troubleshooting

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

Problem	Possible Cause	Solution
No image/Blue screen	Incorrect input source selected. Loose or faulty connection cable (HDMI, VGA, AV). Source device not powered on or outputting signal.	Press the **Source** button and select the correct input. Check all cable connections. Try a different cable. Ensure your source device (e.g., laptop) is on and configured to output to the projector.
Image is blurry	Focus not adjusted. Projector too close/far from screen. Lens is dirty.	Rotate the focus ring on the lens until the image is sharp. Adjust the projection distance. Clean the projector lens.
Image is trapezoidal	Projector not perpendicular to the screen.	Adjust the keystone correction dial on the projector. Reposition the projector to be more directly in front of the screen.
No sound	Volume too low or muted. Audio cable not connected (for AV/VGA). Source device audio output issue.	Increase volume using the remote or projector controls. Check if muted. Ensure audio cables are properly connected for AV/VGA sources. Check audio settings on the source device.
Projector overheats and shuts down	Blocked ventilation. Operating in a hot environment.	Ensure ventilation ports are clear and not blocked. Operate the projector in a well-ventilated area.

10. Specifications

Detailed technical specifications for the Cheerlux C6 projector:

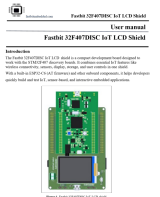|	
Brand	LightInTheBox (Cheerlux)
Model	C6
Projection Technology	LCD
Native Resolution	800x480
Supported Resolution	720P (1280x720), XGA (1024x768), SVGA (800x600), WXSGA+ (1366x768), WUXGA (1920x1200), 1080P (1920x1080), WXGA (1280x800)
Brightness	1200 Lumens (Brightness Range: 1000 to 1999 Lumens)
Contrast Ratio	Approx. 41.67:1

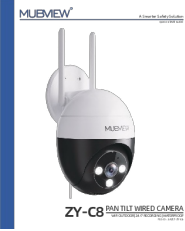| Aspect Ratio	4:3 / 16:9 (switch freely)
Projection Screen Size	25"-100"
Projection Distance	1-4m
Lamp Type	LED
Lamp Life	50,000 hours
Digital Keystone Correction	±15°
Connectors	3.5mm Stereo Jack, TV, HDMI Input, USB, VGA Port, 3-in-1 AV In
Speakers	Built-in
Input Voltage	AC 90-240V, 50-60Hz
Dimensions (cm)	20.45 x 15.7 x 8.5 cm (8.05 x 6.18 x 3.35 inches)
Net Weight	0.94 kg (2.07 lbs)

11. Warranty and Support

For warranty information and technical support, please contact the manufacturer or your point of purchase.

- **Manufacturer:** LightInTheBox
- Refer to your purchase documentation for specific warranty terms and conditions.
- For further assistance, visit the official LightInTheBox website or contact their customer service.

Related Documents - C6

[CZEview Solar-Powered Surveillance Camera User Manual](#)
Comprehensive user manual for the CZEview solar-powered surveillance camera, covering setup, installation, features, and troubleshooting.

[Fastbit 32F407DISC IoT LCD Shield User Manual](#)
User manual for the Fastbit 32F407DISC IoT LCD Shield, a development board featuring ESP32-C6, HDC1080 sensor, TFT LCD, CAN transceiver, and more, designed for IoT applications with STM32F407 boards.

	[Carplay Instruction Manual - Vormor](#) Instruction manual for the Vormor Carplay AI box, detailing compatibility, setup, connection methods for iOS and Android, troubleshooting, and warranty information.
	[CZEview C6 Solar Surveillance Camera User Manual](#) User manual for the CZEview C6 Solar Surveillance Camera, covering setup, installation, features, and troubleshooting.
	[CZEview Solar-Powered Security Camera User Manual](#) User manual for the CZEview Solar-Powered Security Camera, covering setup, installation, features, and troubleshooting.
	[Mubview ZY-C8 Pan Tilt Wired Camera Quick Start Guide](#) Comprehensive guide for setting up and using the Mubview ZY-C8 Pan Tilt Wired Camera, covering installation, app connection, alert settings, and troubleshooting.