

C12

Cheerlux C12 Small Projector User Manual

Model: C12

1. INTRODUCTION

Thank you for purchasing the Cheerlux C12 Small Projector. This manual provides essential information for setting up, operating, and maintaining your projector. Please read it thoroughly before use to ensure proper functionality and to maximize your viewing experience. Keep this manual for future reference.

2. SAFETY INFORMATION

To prevent fire, electric shock, or injury, please observe the following safety precautions:

- Do not block the ventilation openings. Ensure adequate space around the projector for proper airflow.
- Do not expose the projector to rain or moisture. Avoid placing liquids near the device.
- Use only the power adapter supplied with the projector.
- Do not attempt to open or repair the projector yourself. Refer all servicing to qualified personnel.
- Avoid looking directly into the projector lens when the lamp is on, as the bright light can cause eye strain or damage.
- Keep the projector away from extreme temperatures, direct sunlight, and dusty environments.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Cheerlux C12 Projector
- AV Cable
- Power Plug
- Remote Control
- User Manual (this document)
- Lens Cover
- Cleaning Cloth
- Support Base (1x)

4. PRODUCT OVERVIEW

Familiarize yourself with the components and ports of your Cheerlux C12 projector.



Figure 4.1: Front view of the Cheerlux C12 projector, showing the lens and infrared receiver.



Figure 4.2: Top view of the Cheerlux C12 projector, illustrating the control panel buttons for navigation and power.

Multiple Ports



- ① HDMI 1
- ② HDMI 2
- ③ USB 1
- ④ USB 2
- ⑤ AV
- ⑥ AUX



TV Box

Ps4, Ps5

...



Hard Disk

U Disk

...



Speaker

Headphone

...

Figure 4.3: Rear view of the Cheerlux C12 projector, detailing the multiple input/output ports. These include HDMI 1, HDMI 2, USB 1, USB 2, AV, and AUX ports for various connections.

4.1. Ports and Connections

- **HDMI 1 & 2:** Connect to devices such as TV boxes, gaming consoles (PS4, PS5), laptops, or other HDMI-enabled media players.
- **USB 1 & 2:** Connect USB storage devices (hard disks, U disks) for media playback.

- **AV:** Connect to older devices using the provided AV cable.
- **AUX:** Audio output for connecting external speakers or headphones.

5. SETUP

5.1. Placement

Place the projector on a stable, flat surface. Ensure the projection distance is between 1 to 5 meters to achieve a screen size of 50 to 150 inches. For optimal viewing, position the projector directly in front of the screen or wall.

5.2. Power Connection

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

5.3. Focus and Keystone Correction

The Cheerlux C12 features **Autofocus** and **Automatic Keystone Correction**. Upon startup or movement, the projector will automatically adjust the focus and correct the image distortion to ensure a clear, rectangular picture. If manual adjustment is needed, use the focus ring on the projector or the corresponding settings in the on-screen menu.

High Transmittance Lens Clearer Pictures

Brightness upgrade, light path optimization
and improvement, protect your eyes



Figure 5.1: Illustration of the projector's high transmittance lens, designed for clearer and brighter images.

6. OPERATING INSTRUCTIONS

6.1. Basic Navigation

The projector runs on Android, providing a smart interface. Use the remote control or the buttons on top of the projector to navigate through menus, select apps, and adjust settings.

6.2. Connecting Devices

- **HDMI:** Connect your HDMI device to either HDMI 1 or HDMI 2 port. Select the corresponding HDMI input source from the projector's menu.
- **USB:** Insert a USB drive into a USB port. The projector's media player will typically detect the drive, allowing you to browse and play media files.
- **AV:** Connect the AV cable to your device and the projector's AV port. Select the AV input source.

6.3. Bluetooth and Wi-Fi Connectivity

The projector supports Wi-Fi 5.0 and Bluetooth 5.1.

- **Wi-Fi:** Go to the network settings, select your Wi-Fi network, and enter the password to connect to the internet.
- **Bluetooth:** Enable Bluetooth in the settings to pair with external Bluetooth speakers, headphones, or other compatible devices.

6.4. Smartphone Mirroring

The Cheerlux C12 supports smartphone mirroring. Access the mirroring function from the main menu and follow the on-screen instructions to connect your Android or iOS device wirelessly.

6.5. Audio Output

The projector includes a powerful Hi-Fi internal speaker. For private listening or enhanced audio, connect headphones or external speakers to the 3.5mm AUX headphone socket.



Figure 6.1: Examples of the Cheerlux C12 projector in various usage scenarios, including family entertainment, business presentations, and outdoor viewing.

7. MAINTENANCE

7.1. Cleaning the Lens

Use the provided cleaning cloth or a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens

surface to remove dust or smudges. Avoid using abrasive cleaners or excessive force.

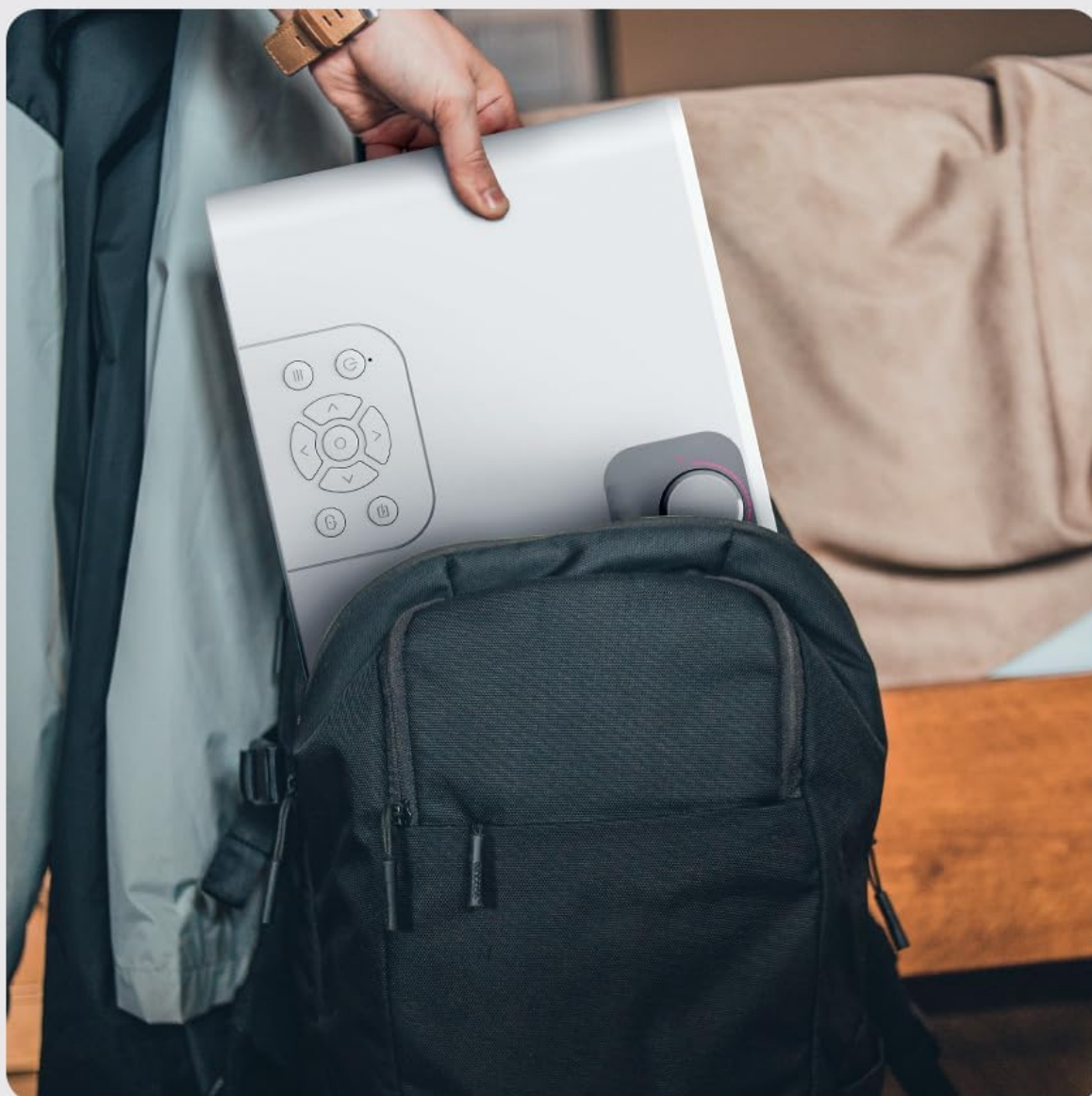
7.2. General Care

- Keep the projector free from dust by regularly wiping its exterior with a soft, dry cloth.
- Ensure ventilation openings are clear to prevent overheating.
- When not in use, place the lens cover to protect the lens from dust and scratches.

7.3. Storage

Store the projector in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, consider using a protective bag or the original packaging.

Mini Portable Taken Anywhere



The body is small and portable, and can be put into a projection storage bag, and you can go with it, camping outdoors, gathering with friends, and watching the big screen wherever you go.

Figure 7.1: The compact size of the Cheerlux C12 projector, demonstrating its portability and ease of transport in a backpack.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	Power cable not connected; Power outlet issue	Ensure power cable is securely connected. Try a different outlet.
No image	Incorrect input source; Device not connected properly	Select the correct input source (HDMI, AV, USB). Check cable connections.
Image blurry	Out of focus; Projector moved	Allow autofocus to adjust. Manually adjust focus if needed.
Image distorted (trapezoid)	Projector not perpendicular to screen	Allow automatic keystone correction to adjust. Adjust projector position.
No sound	Volume too low; External audio device not connected	Increase volume. Check external speaker/headphone connection.

9. SPECIFICATIONS

Detailed technical specifications for the Cheerlux C12 Projector:

- **Model:** C12
- **Dimensions:** 150 x 134 x 191 mm (Product), 15L x 19W x 13H cm (Item)
- **Weight:** 1 kg
- **Native Resolution:** 1280 x 720 pixels
- **Maximum Display Resolution:** 1920 x 1080 pixels (Full HD)
- **Brightness:** 3600 Lumens
- **Contrast Ratio:** 2000:1
- **Display Type:** DLP, LCD
- **Connectivity Technology:** Bluetooth 5.1, Wi-Fi 5.0
- **Operating System:** Android 9.0
- **Special Features:** Portable, Autofocus, Automatic Keystone Correction, Smartphone Mirroring
- **Input Ports:** 2 x HDMI, 2 x USB, 1 x AV
- **Output Ports:** 1 x AUX (Headphone Socket)
- **Projection Distance:** 1 - 5 meters
- **Screen Size:** 50 - 150 inches
- **Form Factor:** Portable
- **Mounting Type:** Tabletop Mount
- **Country of Origin:** China

Native 1920*1080P Full HD Resolution



Customized flagship 4-inch large size, native 1080P LCD screen, support 4K high dynamic decoding. Equipped with high-power LED light source, you can enjoy the colorful large screen and high-definition picture quality even under high ambient light

Figure 9.1: Visual comparison demonstrating the clarity of Native 1080P Full HD resolution supported by the projector.

10. WARRANTY AND SUPPORT

10.1. Warranty Information

This product may be eligible for extended warranty options. Please refer to your purchase documentation or contact your retailer for details on available warranty plans, such as 1-Year or 2-Year Extended Warranty by Salama Care.

10.2. Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact the retailer or manufacturer's customer support channels. Refer to your purchase receipt or product packaging for specific contact information.

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Model number, symptoms, what you tried, or the section of the manual you are using.

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