

boat

CINEHEAD E1

Thank you for choosing the boAt CineHead E1 as your personal home entertainment companion. We're thrilled to be part of your journey—whether it's a cosy movie night or a presentation that matters.

This user manual is designed to help you understand the setup, functions, and features of your projector. Read it thoroughly before first use to ensure a smooth sail. You can always refer back to these instructions whenever needed.



CINEHEAD E1

Smart Projector

PACKAGE CONTENT

Carefully unpack and verify that you have all of the items mentioned below. The x with the number indicates the quantity of the component:

- 1x CineHead E1 Projector
- 1x Remote (batteries not included)
- 1x Power Cable
- 1x User's Manual
- 1x Warranty Card
- 1x OTT Login Card
- 1x Quick Set-Up QR Card

KEY FEATURES

- **Electronic Focus:** Easily adjust image clarity using the F + & F- buttons on the remote control or projector body.
- **HD 720p Native Resolution:** Delivers crisp visuals with 720p HD native resolution and 1080p Full HD support resolution.
- **Advanced Operating System:** Android 13-based smart interface for app access and wireless operation.
- **Vertical Keystone Correction:** Supports manual and automatic vertical keystone correction for properly aligned projections.
- **Screen Mirroring:** Wireless screen casting is supported for Android and iOS smartphones for seamless streaming.
- **Multiple Port Connectivity:**
 1. USB x2: Connect flash drives and compatible USB storage devices.
 2. HDMI x1: Interface with laptops, set-top boxes, or streaming devices.
 3. 3.5 mm Audio Out: Connect wired headphones or external speakers.
- **Bluetooth Connectivity:** Enables wireless audio output with compatible Bluetooth devices.
- **Built-in 3W Speaker:** Integrated speaker for audio playback without external devices.
- **1GB RAM and 8GB ROM:** Supports smooth system performance and allows space for app downloads and media playback.
- **Up to 30,000-Hour Lamp Life:** Durable LED light source rated for up to 30,000 hours of use with minimal maintenance.
- **Compact Build:** Lightweight, portable design suitable for dark indoor set-ups.

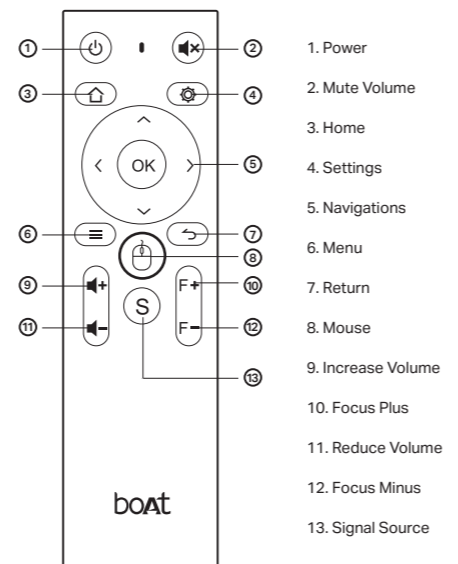
REMOTE CONTROL

The remote control allows for easy navigation and full control of your projector.

Installing the Remote-Control Battery

To power the remote control, you will need to insert two 1.5V AAA size dry batteries. Follow the steps below:

- **Slide and Remove the Battery Cover:** Gently slide down the battery cover to open. Gently lift the cover to reveal the battery compartment.
- **Insert the Batteries:** Place two 1.5V AAA dry batteries inside the compartment. Ensure that the positive (+) and negative (-) ends of the batteries match the polarity markings inside the compartment.
- **Close the Battery Cover:** Slide the battery cover back into place until it clicks securely.



Refer to the table below for the detailed explanation of each button's function:

S. No.	Buttons	Functions
1	Power	Turns the projector ON or OFF.
2	Mute Volume	Instantly mutes or unmutes the sound output.
3	Home	Returns directly to the main home screen.
4	Settings	Opens the settings menu.
5	Navigation	Navigate through menus with Left, Right, Up, and Down. Press OK to confirm selections or open menu items (if available).
6	Menu	Displays contextual menu options (if available).
7	Return	Returns to the previous screen or exits current menu.
8	Mouse	Activates on-screen cursor for remote navigation.
9	Increase Volume	Increases the speaker volume.
10	Focus Plus	Increases focus to sharpen the image.
11	Reduce Volume	Decreases the speaker volume.
12	Focus Minus	Reduces focus to adjust image sharpness.
13	Signal Source	Opens the input/source selection menu (HDMI, USB, etc.).

REMOTE CONTROL PRECAUTIONS

- If the remote control gets wet, wipe it dry immediately.
- Avoid excessive heat and humidity.
- Do not place the battery upside down.
- Replace only with the same or equivalent type recommend ed by the manufacturer.
- Dispose of used batteries according to your local regulations.

TURNING THE PROJECTOR ON/OFF

Power on the Projector:

1. Connect the power cable securely to the projector's power inlet.
2. Plug the other end into a standard power outlet.
3. Press the power button on the remote to turn it on. Alternatively, users can click the power button on the top of the projector to turn it on.
4. Wait a few seconds for the projector to initialise and display the startup screen.

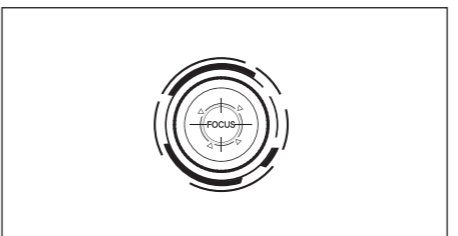
Power Off the Projector:

1. Press the Power button on the remote to begin shutdown.
2. A pop-up will appear to choose between Power off and Restart. Click power off now.
3. Wait for the projector fan to complete the cooling cycle.
4. Once the screen turns off completely, unplug the power cable from the outlet if not in use for extended periods.

Note: We recommend not unplugging the projector immediately after turning it off—this allows it to cool properly and ensures long-term safety.

ELECTRONIC FOCUS

Use the F+ and F- buttons on the remote control to fine-tune the clarity of the projected image. Adjust until the on-screen focus appears sharp and clear for optimal viewing.



FIRST TIME SET-UP

Initialization Steps (First-Time Setup)

Once you power on the projector for the first time, follow the on-screen setup instructions:

1. **Welcome:** You'll see a welcome screen with a monitor icon indicating that setup is about to begin.
2. **Language Selection:** Use the navigation buttons to select your preferred language and press OK to confirm.

Available options include English, Español, Français, Italiano, and more.

Note: Use the left/right navigation to scroll through additional options if needed.

3. **Network Settings:** From the Network & Internet settings Toggle on the Wi-Fi option. Choose from the available networks and enter the password using the on-screen keyboard.

4. **Completion Confirmation:** Once the basic setup is done, a confirmation screen appears with the message:

"Congratulations, setup is complete!"

PROJECTION & SCREEN SIZE

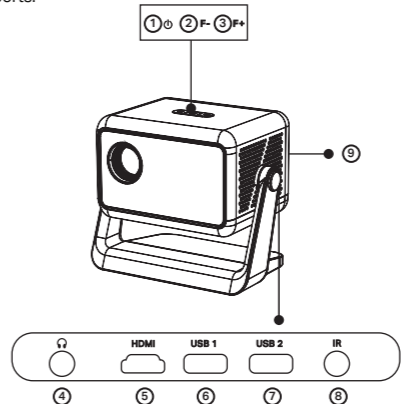
The CineHead E1 projector supports screen sizes ranging from 30 inches to 150 inches, depending on the projection distance and placement.

Note:

- For optimal image clarity, align the projector so that the lens is directly facing the centre of the screen.
- The recommended ideal viewing experience is achieved in a pitch-dark room.
- Ensure the surface where the projector is placed is flat and white for better brightness and contrast.

APPEARANCE & FUNCTION

Use the illustrations below to identify the projector's buttons and ports.



The table below lists each numbered component along with its corresponding function for quick reference during setup

S. No.	Buttons	Functions
1	Power Button	Turns the projector ON or OFF.
2	Electronic Focus - (F-)	Adjusts the focus to move the lens closer to the screen.
3	Electronic Focus + (F+)	Adjusts the focus to move the lens away from the screen.
4	3.5 mm Audio Output	Connects to headphones or external speakers.
5	HDMI Input	Connects external devices such as laptops, TV boxes, or consoles.
6/7	USB Input (USB 1 / USB 2)	Connects USB drives to play media content directly.
8	IR Receiver (Rear)	Receives signals from the remote control.
9	Power Input (110-240V~)	Connects to the AC power source via the included power cable.

Note: The image is for reference only. Actual product appearance may vary.

HARDWARE INTERFACE CONNECT

HDMI Connection (High-Definition Input)

Connects external video sources such as laptops, streaming sticks, or game consoles.

1. Plug one end of the HDMI cable (not included in the box) into the HDMI port on the projector.
2. Connect the other end to your external device.
3. Power on the device.
4. Press the Signal Source button on the remote.
5. Use the arrow keys to select HDMI as the input source.

USB Input (USB 1 / USB 2)

Connects external video sources such as laptops, streaming sticks, or game consoles.

1. Insert your USB device into either USB 1 or USB 2 port.
2. Navigate to the file browser using the remote.
3. Select and play videos, music, or photos directly.

Audio Out

Outputs audio to headphones or external speaker systems.

1. Plug an audio cable into the 3.5 mm Audio Out port.
2. Connect to your preferred wired audio device.
3. Audio output will automatically switch from built-in speaker to the connected device.

IR Receiver

Located on both the front and rear of the projector.

- Allows the projector to receive commands from the remote control.
- Ensure line-of-sight access between the remote and IR sensor for optimal responsiveness.
- Use the remote within up to 4 metres range for best results.

WIRELESS PROJECTION

The projector supports wireless screen sharing using TranScreen and AirPlay. You can mirror content from your smartphone or tablet directly to the projector without using cables.

- **TranScreen (For Android Devices):** Mirror the screen of your Android smartphone or tablet to the projector using the TranScreen feature.
- **AirPlay (For iOS Devices):** Use AirPlay to mirror your iPhone or iPad screen onto the projector wirelessly.

Notes:

- Ensure that both your projector and mobile device are connected to the same Wi-Fi network or hotspot.
- Due to the wide variety of mobile device models and brands, compatibility may vary.
- The Miracast screen sharing feature may appear under different names depending on your device, such as Media Output, Screen Projection, or Multi-Screen Interaction. Refer to your phone's settings for exact steps.

SETTINGS

Use the navigation buttons to navigate through the available options in the settings. Make sure to press OK to confirm selections and use the Return button to go back to the previous menu.

Network & Internet

Access Wifi settings from the Settings > Wi-Fi settings.

- Wi-Fi On/Off:** Toggle this option to turn ON or OFF Wi-Fi connectivity. When enabled, available networks will be displayed for selection.
- Available Networks:** Scans for nearby wireless devices and available networks.
- Manual Wi-Fi Setup:** You can manually add a Wi-Fi network if it does not appear in the scanned list.

Remote & Accessories

Bluetooth

Access Bluetooth settings from the Settings > Remote & Accessories > Bluetooth menu

- **Bluetooth on/off:** Toggle this option to turn on/off the Bluetooth. When Bluetooth is turned off, the projector will not be visible to other devices.
- **Add Accessory:** Use this option to search for available Bluetooth devices in range. Make sure that the external device is in pairing mode. Once detected, select the desired device from the list to pair.

Date and Time

- **Automatic Date & Time:** Set date and time here. Users can either select the network provided time or manually set it.
- **Set Time Zone:** Select the time-zone here as per your region. Use 24-Hour Format: To view time in 24 Hour format toggle-on.
- **Use 24-Hour Format:** Toggle this option to select between 24-hour or 12-hour time formats.

Language

Select the language of your choice here.

Projector Settings

Auto Keystone

Toggle on the auto-keystone feature to automatically adjust vertical keystone to keep the image aligned.

- **Scale:** If Auto-keystone is turned off, users can use the scale option to adjust the image.
- **Four Point Correction:** Manually adjust each corner for precise screen alignment.

Reset

Restores all keystone and scale settings to default.

Boot Settings

Customize the behaviour of the projector when it powers on.

Power-On Mode:

Choose the default state of the projector when it is connected to power:

- **Standby:** The projector remains off and requires manual activation.
- **Power On:** The projector powers on automatically when connected to electricity.

Boot Settings

Set the preferred starting screen when the projector powers on:

- **Home:** Launches the projector's main dashboard.
- **Signal Source:** Opens the previously used HDMI, USB, or AV input.
- **Starting Up App:** Launches a selected app (e.g., YouTube, Netflix) directly on boot.

Key Sound Effect

This setting allows you to enable or disable the sound feedback when navigating menus or pressing buttons on the remote or projector.

- **Toggle ON:** Activates audible key press feedback.
- **Toggle OFF:** Disables all key press sounds for silent operation.

Reset (Factory Restore)

Select this option to restore all settings to factory defaults.

System Upgrade

Use this option to check for and install local or online upgrades.

About

Check about your projector's configuration here: Device Name, Android OS Version, Running Memory, Storage, Software Version, Wireless Address, and Wired Address

MAINTENANCE

Unloading and Cleaning the Dust Filter

To maintain optimal airflow and cooling performance, the dust filter in the boAt CineHead E1 should be cleaned regularly. Follow the steps mentioned below to remove and clean the dust filter:

Step 1: Remove the Filter

- Locate the dust filter at the bottom of the projector.
- Slide the filter outward to remove it from the compartment.

Step 2: Clean the Filter

- Gently tap or brush off dust from the mesh surface.
- If heavily soiled, rinse the filter with clean water and allow it to dry completely.
- **Important:** Always turn off and unplug the projector before performing any cleaning.

Step 3: Reinstall the Filter

- After cleaning and drying, align the filter with the bayonet mount on the bottom.
- Slide it back into position until securely fixed.

Regular cleaning is recommended every few weeks or as needed based on environmental conditions.

Ventilation

The projector contains both optical and audio components, which generate heat during operation.

- Ensure that the air vents and outlets are not blocked during installation or use.
- Allow adequate space around the projector to maintain airflow and prevent overheating.
- Proper ventilation enhances performance, stability, and the overall lifespan of the device.

Lens Maintenance

The lens is a critical part of the projector that directly affects image clarity.

- Dust buildup on the lens can degrade picture quality.
- To clean, gently wipe the lens using a soft, non-abrasive microfiber or cotton cloth.
- Avoid using hard cloths or corrosive substances.

Cleaning

- Regularly remove excess dust from the projector's surface.
- Dust accumulation can obstruct heat dissipation and affect performance.

Moisture Protection

- The projector operates best within a specific humidity range (usually around 20%–80%).
- Avoid using the projector in excessively humid environments, as moisture can cause internal damage or instability.

Shock and Impact Protection

- Protect the projector from strong impacts, pressure, or vibrations.
- Do not move, shake, or knock the device during operation as it may cause internal circuitry damage.

Placement

- Do not place the projector on unstable, shaky, or uneven surfaces.

- Ensure it is installed on a secure and level base to avoid tipping or falling.

Liquid Safety

- Do not place containers filled with liquids (e.g., cups, vases) on or near the projector to prevent accidental spills.

PRODUCT SPECIFICATIONS

Specification	Details
Model Name	CineHead E1
Screen Size	30–150 inch
Projection Distance	1.2 – 4.5 m
Support Resolution	1920 x 1080 pixels
Native Resolution	1280 × 720 pixels
Brightness	150 ANSI Lumens
Contrast Ratio	2000:1
Aspect Ratio	16:09
LED Lamp Life	30,000 hours life
Interface	HDMI / USB / Audio Out
Speaker	3 watts
OS	Android 13
RAM + ROM	1 GB + 8 GB
Power Supply	AC100–240V / 50–60Hz
Power Consumption	65W
Focusing	Electronic Focus
Keystone	Vertical Keystone Correction
Bluetooth	Bluetooth 5.0
WiFi	2.4G & 5G dual-band WiFi

FREQUENTLY ASKED QUESTIONS (FAQS)

Power is not turned on

After connecting the power cable to a working socket, wait for 5–10 seconds. The projector takes a short time to initialize before it can be powered on. If it still does not turn on, check the power button and ensure the cable is securely inserted into both the projector and the wall outlet.

No image is displayed.

- Not seeing an image? Don't worry—try these quick checks:
- Check that the connecting cable is connected to the projector properly.
 - Select the input source correctly.

The screen is blurry. What should I do?

Enable Auto Keystone under Settings > Projection. Ensure the projector is 1.2 – 4.5m from the screen and the lens is clean.

The remote control isn't working. What should I check?

Ensure the batteries are correctly inserted and not drained. Replace with two fresh AAA 1.5V batteries. Make sure there's no obstruction between the remote and the projector's IR sensor.

Factory reset to default

Go to Settings > select Reset (Factory Restore). Wait until the process completes. Do not power off the projector during reset.

No image is displayed.

- Not seeing an image? Don't worry—try these quick checks:
- Check that the connecting cable is connected to the projector properly.
 - Select the input source correctly.

Projected images are dim.

Ensure the projector is used in a dark or pitch-black room for optimal visibility. Bright surroundings can significantly reduce perceived brightness. For best results, we recommend using the projector in a low-light or completely dark environment.

The screen is blurry. What should I do?

Enable Auto Keystone under Settings > Projection. Ensure the projector is 1.2–4.5m from the screen and the lens

Power is not turned on

After connecting the power cable to a working socket, wait for 5–10 seconds. The projector takes a short time to initialize before it can be powered on. If it still does not turn on, check the power button and ensure the cable is securely inserted into both the projector and the wall outlet.

SAFETY AND PRODUCT INFORMATION

To ensure safe use and prolong the life of your projector, please follow these warnings and safety guidelines:

REMOTE CONTROL PRECAUTIONS

- Handle the remote control carefully.
- If the remote control gets wet, wipe it dry immediately.
- Avoid excessive heat and humidity.
- Do not short, heat, or take apart battery.
- Do not throw battery into fire.
- If you will not be using the remote control for a long time, remove the battery.
- Dispose of used battery according to your local regulations.
- Do not place the battery upside down.

INSTALLATION

- Do not place the projector under the following conditions:
- on an unstable cart, stand, or table.
 - near water, baths, or damp rooms.
 - in direct sunlight, near heaters, or heat radiating appliances.
 - in a dusty, smoky or steamy environment.
 - on a sheet of paper or cloth, rugs or carpets.

FIRE AND SHOCK PRECAUTIONS

- Ensure that there is sufficient ventilation and that vents are unobstructed to prevent the build-up of heat inside your projector.
- Allow at least 2 feet (approx. 60 cm) of space between your projector and a wall.
- Do not try to touch the ventilation outlet as it can become heated while the projector is turned on and immediately after the projector is turned off.
- Prevent foreign objects such as paper clips and bits of paper from falling into your projector. Do not attempt to retrieve any objects that might fall into your projector. Do not insert any metal objects such as a wire or screwdriver into your projector. If something should fall into your projector, disconnect it immediately and have the object removed by a qualified service personnel.
- Do not place any objects on top of the projector.

- Do not touch the power plug during a thunderstorm. Doing so can cause electrical shock or fire.

- The projector is designed to operate on a power supply of 100–240V AC 50/60 Hz. Ensure that your power supply fits this requirement before attempting to use your projector.
- Do not look into the lens while the projector is on. Serious damage to your eyes could result.
- Keep any items (magnifying glass etc.) out of the light path of the projector. The light path being projected from the lens is extensive, therefore any kind of abnormal objects that can redirect light coming out of the lens, can cause unpredictable outcome such as a fire or injury to the eyes.
- Do not block the light path between