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› Epson Home Cinema 660 Projector User Manual

Epson HC660

Epson Home Cinema 660 Projector User Manual

Model: HC660

1. INTRODUCTION

The Epson Home Cinema 660 is a portable 3LCD projector designed for big-screen entertainment. It offers life-sized images up to 300 inches, significantly larger than typical flat-panel displays. Featuring 3,300 lumens of color brightness and 3,300 lumens of white brightness, this projector delivers bright and vibrant images suitable for various lighting conditions. It includes all-digital HDMI connectivity for easy integration with multiple entertainment devices.

Key features include:

- **Large Image Projection:** Capable of projecting images up to 300 inches, providing an immersive viewing experience.
- **High Brightness:** 3,300 lumens of equal color and white brightness ensure clear and vivid images.
- **HDMI Connectivity:** Supports digital connections for cable/satellite boxes, Blu-ray players, gaming consoles, and streaming devices.
- **3LCD Technology:** Delivers amazing action scenes with no rainbow effect.
- **Resolution:** 800 x 600 pixels (SVGA).

2. WHAT'S IN THE BOX

Verify that all the following items are included in your projector package:

- Epson Home Cinema 660 Projector Unit
- Power Cord
- Remote Control (batteries may not be included)
- Quick Setup Guide (User Manual is typically available online)
- HDMI Cable (unconfirmed, may vary by region/retailer)

In the box

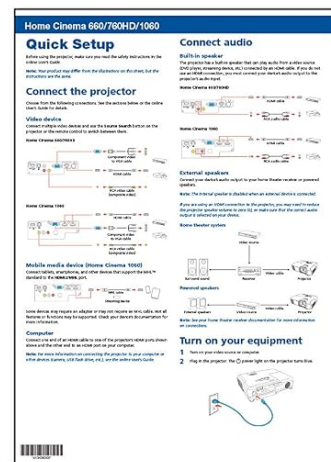
Home Cinema 660



Power cord



Remote control
with AA batteries



Quick Setup Guide

This image displays the items included with the Epson Home Cinema 660 projector: the projector unit, a power cord, a remote control (note: batteries for the remote are not always included and may need to be purchased separately), and a Quick Setup Guide.

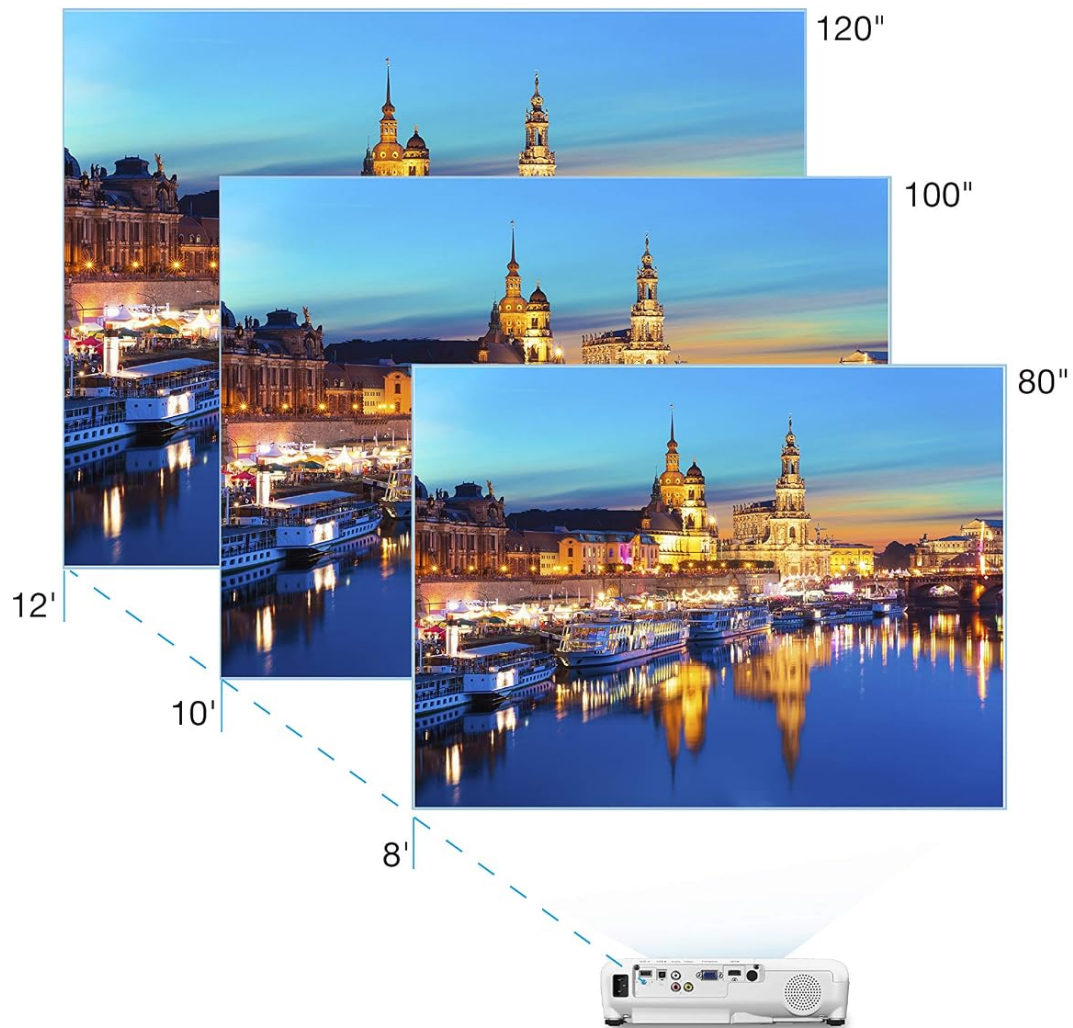
3. SETUP

3.1 Physical Placement

Position the projector on a stable, flat surface. Ensure adequate ventilation around the projector to prevent overheating. The operating distance for optimal performance is approximately 19 feet.

Project up to 120" or larger

Home Cinema 660



This diagram illustrates the approximate throw distances required to achieve various screen sizes with the Epson Home Cinema 660 projector. For example, an 80-inch diagonal screen requires approximately 8 feet of distance, a 100-inch screen requires 10 feet, and a 120-inch screen requires 12 feet.

3.2 Connecting Devices

The Home Cinema 660 offers various connectivity options. Connect your source device (e.g., Blu-ray player, game console, laptop) to the appropriate port on the projector's rear panel.

Compatibility and connectivity

Home Cinema 660



Tablet



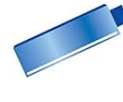
Smartphone



Laptop/Computer



Game Console



Amazon Fire™
TV Stick



Chromecast™



Blu-ray/DVD Player



Sat/Cable Box



Roku®



Apple TV®



Digital Camera

- 1x HDMI®
- Computer: 1x D-sub 15-pin (VGA)
- Composite video: 1x RCA (Yellow)
- Audio in: 1x RCA (White/Red)
- 1x USB connector Type A (PC-free USB and other)
- 1x USB connector Type B (USB Plug 'n Play)



The rear panel of the Epson Home Cinema 660 projector features multiple input ports, including HDMI, VGA (D-sub 15-pin), composite video (RCA yellow), audio in (RCA white/red), USB Type A, and USB Type B. This allows connection to devices such as tablets, smartphones, laptops, game consoles, streaming devices (like Amazon Fire TV Stick, Chromecast, Apple TV), Blu-ray/DVD players, satellite/cable boxes, Roku, and digital cameras.

- **HDMI:** For digital video and audio from devices like Blu-ray players, gaming consoles, and streaming sticks.
- **Computer (VGA):** Connects to a computer's VGA output for video.
- **Composite Video (RCA Yellow):** For standard definition video from older devices.
- **Audio In (RCA White/Red):** For analog audio input, typically used with composite video or VGA connections.
- **USB Type A:** For connecting USB devices.
- **USB Type B:** For USB Plug 'n Play functionality with a computer.

3.3 Power Connection

Connect the supplied power cord to the projector's power inlet and then to a grounded electrical outlet.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- **To Power On:** Press the power button on the projector's control panel or the remote control. The status light will

indicate the projector is starting up.

- **To Power Off:** Press the power button again. A confirmation message may appear; press the power button a second time to confirm shutdown. Allow the projector to cool down before unplugging it.

4.2 Image Adjustment

- **Focus:** Rotate the focus ring on the projector lens until the image appears sharp and clear.
- **Keystone Correction:** If the image is wider at the top or bottom (trapezoidal shape), use the keystone correction feature (manual slider or digital adjustment via menu) to square the image.
- **Zoom:** Adjust the zoom ring on the lens to change the size of the projected image without moving the projector.

4.3 Source Selection

Use the 'Source Search' or 'Input' button on the projector or remote control to cycle through available input sources (HDMI, Computer, Video). The projector will automatically detect an active signal if 'Auto Source Search' is enabled in the settings.

5. MAINTENANCE

5.1 Cleaning the Projector

- **Exterior:** Wipe the projector casing with a soft, dry, lint-free cloth. Do not use liquid or abrasive cleaners.
- **Lens:** Gently clean the lens with a lens cleaning cloth or lens tissue specifically designed for optical surfaces. Avoid touching the lens with your fingers.
- **Air Filter:** Regularly check and clean the air filter to ensure proper ventilation and prevent dust buildup. Refer to the full user manual for specific instructions on filter removal and cleaning.

5.2 Lamp Replacement

The projector lamp has a finite lifespan. When the lamp reaches the end of its life, a warning message will appear, and the lamp indicator light may flash. Replace the lamp with an authentic Epson replacement lamp to ensure optimal performance and safety. Consult the full user manual for detailed lamp replacement procedures.

6. TROUBLESHOOTING

If you encounter issues with your projector, refer to the following common troubleshooting steps:

- **No Image:**
 - Ensure the projector is powered on and the lamp is lit.
 - Check all cable connections (HDMI, VGA) between the projector and the source device.
 - Verify that the correct input source is selected on the projector.
 - Confirm the source device is powered on and outputting a signal.
- **Image is Blurry:**
 - Adjust the focus ring on the projector lens.
 - Ensure the projection surface is flat and the projector is stable.

- **Image is Trapezoidal:**

- Use the keystone correction feature to square the image.
- Position the projector as perpendicular to the screen as possible.

- **No Sound:**

- If using HDMI, ensure the source device is sending audio through HDMI.
- If using analog audio (RCA), ensure cables are correctly connected and volume is up on both the projector and source.
- Check the projector's volume settings.

- **Projector Overheating:**

- Ensure ventilation openings are not blocked.
- Clean the air filter.
- Operate the projector in a room with adequate airflow and temperature.

For more detailed troubleshooting, please refer to the complete user manual available on the Epson support website.

7. SPECIFICATIONS

Feature	Specification
Brand	Epson
Model Number	HC660
Display Technology	3LCD
Color Brightness (Color Light Output)	3,300 lumens
White Brightness (White Light Output)	3,300 lumens
Native Resolution	800 x 600 (SVGA)
Pixel Number	480,000 dots (800 x 600) x 3
Lamp Type	210 W UHE
Connectivity Technology	HDMI, VGA (D-sub 15-pin), Composite Video (RCA), Audio In (RCA), USB Type A, USB Type B
Throw Ratio Range	1.45 – 1.96
Operating Distance	19 feet (approximate)
Fan Noise (ECO mode)	28 decibel
Fan Noise (Normal mode)	37 decibel
Product Dimensions	11.9 x 9.2 x 3 inches

Feature	Specification
Item Weight	5.3 pounds
Color	White
Special Feature	Portable

8. WARRANTY AND SUPPORT

For warranty information, technical support, and access to the complete user manual, please visit the official Epson support website. You can typically find support resources by searching for your product model (HC660) on their site. Keep your purchase receipt as proof of purchase for warranty claims.

For convenient and reasonable recycling options, visit the official Epson site.

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Question

Example: How do I reset this device or fix this error?

Details

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

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