UHAPPY H3

Uhappy H3 HD Home Cinema Projector User Manual

Model: H3 | Brand: UHAPPY

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Uhappy H3 HD Home Cinema Projector. Please read this manual carefully before using the projector to ensure proper operation and to prevent damage.

Image: The Uhappy H3 HD Home Cinema Projector, a white rectangular device with a prominent lens on the front, and control buttons on the top surface.

Package Contents

Upon unpacking, please verify that all items listed below are included in your package:

- 1 x Uhappy H3 HD Projector
- 1 x User Manual (this document)
- 1 x Power Plug
- 1 x Video Cable (RCA/AV cable)
- 1 x Remote Control
- 1 x Lens Cap
- 2 x Fuses
- 1 x Lens Cleaning Cloth

Image: A grid displaying the projector and its accessories, including the power cable, AV cable, remote control, fuses, lens cleaning cloth, and user manual.

SPECIFICATIONS

Feature	Detail
Brand	UHAPPY
Model	H3
Display Technology	5.8" TFT LCD + LED Lamp
Native Resolution	1280 x 768 pixels (Supports 1280x800, 1280x1024, 1366x768)
Maximum Resolution Support	1920 x 1080 (1080P HD)
Brightness	3000 ANSI Lumens (Max)
Contrast Ratio	2000:1
Lamp Life	Approx. 50,000 hours (LED Lamp)
Input/Output Ports	USB, SD, 3x HDMI, YPbPr, TV (Analog Tuner), AV, S-Video, VGA
Keystone Correction	Manual Vertical +/- 15 degrees
Projection Size	25" - 250" (Recommended: 40" - 120")
Aspect Ratio	4:3 / 16:9 Switchable
Power Supply	AC90V ~ 240V, 50-60Hz (Worldwide compatible)
Power Consumption	150W
Noise Level	<= 30dB
Dimensions	33 x 11.5 x 25.5 cm
Weight	3.65 kg

Image: A diagram showing the dimensions of the Uhappy H3 projector: 330mm length, 115mm height, and 245mm width.

SETUP

1. Placement

Choose a flat, stable surface for the projector. Ensure there is adequate ventilation around the unit. The projector can be placed on a table, mounted on the ceiling (front or rear projection), or used for rear projection.

Image: A diagram illustrating the relationship between projection distance and screen size, showing a projector at 5.5 meters projecting a 200-inch image.

2. Power Connection

1. Connect the power cable to the projector's power input port.
2. Plug the other end of the power cable into a suitable electrical outlet (AC90V ~ 240V, 50-60Hz).
3. **Important Note:** Ensure all external devices are turned off before connecting them to the projector to prevent potential damage.

3. Connecting External Devices

The Uhappy H3 projector offers a variety of input options:

- **HDMI:** Connect up to three HDMI devices (e.g., Blu-ray player, game console, laptop).
- **USB/SD:** Insert a USB drive or SD card for direct media playback.
- **VGA:** Connect a computer or laptop using a VGA cable.
- **AV (RCA):** Use the included AV cable to connect older devices like DVD players.
- **YPbPr / S-Video:** For other video sources.
- **TV Tuner:** Connect an antenna to use the built-in analog TV tuner.

Note for iPhone/iPad Connection: To connect an iPhone or iPad, an original Apple composite AV cable is required (not included).

Image: A detailed view of the projector highlighting its various interfaces (USB, SD, HDMI, YPbPr, TV, AV, S-Video, VGA) and the control panel buttons (Source, Menu, Power, V+, V-, CH+, CH-).

OPERATING INSTRUCTIONS

1. Powering On/Off

- Press the **Power** button on the projector or the remote control to turn the unit on.
- Press the **Power** button again to turn it off.

2. Selecting Input Source

After powering on, use the **Source** button on the projector or remote control to cycle through available input sources (HDMI1, HDMI2, HDMI3, USB, SD, AV, VGA, YPbPr, TV).

3. Adjusting Focus and Keystone

- **Focus:** Rotate the lens ring on the front of the projector until the projected image is clear and sharp.
- **Keystone Correction:** If the image appears trapezoidal (wider at the top or bottom), use the keystone

adjustment knob (usually on the top or side of the projector) to correct the vertical distortion. The H3 supports manual vertical +/- 15 degrees keystone correction.

4. Menu Navigation

Press the **Menu** button on the projector or remote control to access the on-screen display (OSD) menu. Use the arrow keys and **OK** button to navigate and adjust settings such as picture mode, sound, aspect ratio (4:3 / 16:9), and image rotation (H/V).

5. Media Playback (USB/SD)

When a USB drive or SD card is inserted, the projector can play various media formats including RMVB/MPEG4 and H.264 video. Navigate to the USB/SD input source and select your desired file.

Image: The Uhappy H3 projector set up in a living room, projecting a large image onto a screen, demonstrating its use as a home theater device.

6. 3D Effect Support

The projector supports red-blue and red-green 3D effects. To experience 3D content, you will need compatible red-blue 3D glasses and 3D movie sources.

Image: An illustration showing the projector displaying a 3D image of whales, with people wearing 3D glasses, demonstrating the projector's 3D capability.

MAINTENANCE

1. Cleaning the Lens

Use the provided lens cleaning cloth or a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or solvents. Gently wipe the lens in a circular motion to remove dust or smudges.

2. Cleaning the Projector Body

Wipe the exterior of the projector with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the ventilation openings.

3. Ventilation

Ensure that the ventilation windows are not blocked during operation. Proper airflow is crucial for dissipating heat and extending the life of the LED lamp. The projector features dustproof windows to minimize dust

accumulation.

4. Lamp Life

The LED lamp in your Uhappy H3 projector has an estimated life of approximately 50,000 hours, significantly reducing the need for frequent lamp replacements. This contributes to energy saving and environmental protection.

Image: A graphic depicting a light bulb with a small plant growing inside, symbolizing the energy-saving and environmentally friendly nature of the LED light source with a long lifespan of 50,000 hours.

TROUBLESHOOTING

No Power

- Check if the power cable is securely connected to both the projector and the electrical outlet.
- Ensure the power outlet is functional.
- Verify the fuses (two spare fuses are included in the package). If a fuse is blown, replace it with a new one.

No Image / "No Signal" Message

- Confirm that the correct input source is selected (e.g., HDMI1, VGA, AV).
- Check the connection cable between the projector and the source device. Ensure it is securely plugged in at both ends.
- Ensure the source device (e.g., laptop, DVD player) is powered on and outputting a signal.
- Try a different cable or input port if available.

Blurred Image

- Adjust the focus ring on the projector lens until the image is sharp.
- Ensure the projection distance is within the recommended range (25" - 250", best at 40" - 120").
- Clean the projector lens if it appears dirty.

Trapezoidal Image

- Adjust the keystone correction knob on the projector to square the image.

No Sound

- Check the volume level on both the projector and the source device.
- Ensure audio cables are correctly connected if using AV or YPbPr inputs. HDMI carries both video and audio.
- If using external speakers, ensure they are properly connected and powered on.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your purchase receipt as proof of purchase for warranty claims.