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**UNIC UC46**

# UNIC UC46+ HD Projector User Manual

Model: UC46+
Brand: UNIC

## 1. Introduction

Thank you for choosing the UNIC UC46+ HD Projector. This manual provides essential information for setting up, operating, and maintaining your projector to ensure optimal performance and longevity. The UC46+ is a versatile and portable projector designed for both home entertainment and professional presentations, featuring screen mirroring capabilities, support for 1080p resolution, and multiple connectivity options.

## 2. Package Contents

Please check the package carefully to ensure all items are present and in good condition. If any items are missing or damaged, please contact your retailer.

- 1 x UNIC UC46+ HD Projector
- 1 x Remote Control
- 1 x Power Cable
- 1 x User Manual




Image: The UNIC UC46+ projector package contents, including the projector, remote control, power cable, and user manual.

## 3. Product Overview

Familiarize yourself with the various parts and interfaces of your UNIC UC46+ projector.




Image: Front view of the UNIC UC46+ Projector, showing the lens and front ventilation.




Image: Detailed views of the UNIC UC46+ Projector, highlighting the focus wheel, keystone correction, power input, and various ports including VGA, USB, SD, and HDMI.

## 3.1. Physical Components

- **Projection Lens:** Emits the image onto the screen.
- **Focus Wheel:** Adjusts the clarity of the projected image.
- **Keystone Correction:** Manually corrects trapezoidal distortion of the image (±15°).
- **Control Panel:** Buttons for power, navigation (OK, arrow keys), source selection, and menu access.

## 3.2. Input/Output Ports

- **VGA Port:** Connects to computers and laptops.
- **USB Ports:** For connecting USB drives to play media files.
- **SD Card Slot:** For connecting SD cards to play media files.
- **HDMI Ports:** Connects to various HDMI-enabled devices like TV boxes, game consoles, laptops.
- **3.5mm Audio Output:** For connecting external speakers or headphones.

- **IR Receiver:** For remote control signals.
- **Power Input:** Connects the power cable.

# 4. Setup

## 4.1. Placement

Place the projector on a stable, flat surface or mount it securely. Ensure there is adequate ventilation around the projector. The optimal projection distance ranges from 1.07 meters to 3.8 meters, yielding a screen size from 34 inches to 130 inches.




Image: A visual guide illustrating the relationship between projection distance and screen size, showing sizes from 34 inches to 130 inches.

## 4.2. 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 standard electrical outlet (100-240V, 50/60Hz).

### 4.3. Initial Power On

1. Press the power button on the projector or the remote control to turn on the device.
2. Allow a few moments for the projector to start up.

### 4.4. Image Adjustment

- **Focus:** Rotate the focus wheel near the lens until the projected image appears sharp and clear.
- **Keystone Correction:** If the image appears trapezoidal (wider at the top or bottom), adjust the keystone correction dial until the image is rectangular.

## 5. Operating Instructions

### 5.1. Connecting Devices

The UNIC UC46+ offers multiple ways to connect your devices:

- **HDMI:** Connect TV boxes, game consoles (Xbox), laptops, or other HDMI-enabled devices using an HDMI cable.
- **VGA:** Connect older computers or laptops using a VGA cable.
- **USB/SD:** Insert a USB flash drive or SD card into the respective port to play media files directly.

### 5.2. Screen Mirroring (WiFi & Wired)

The projector supports screen mirroring from your electronic devices, allowing you to cast content wirelessly or via cable.

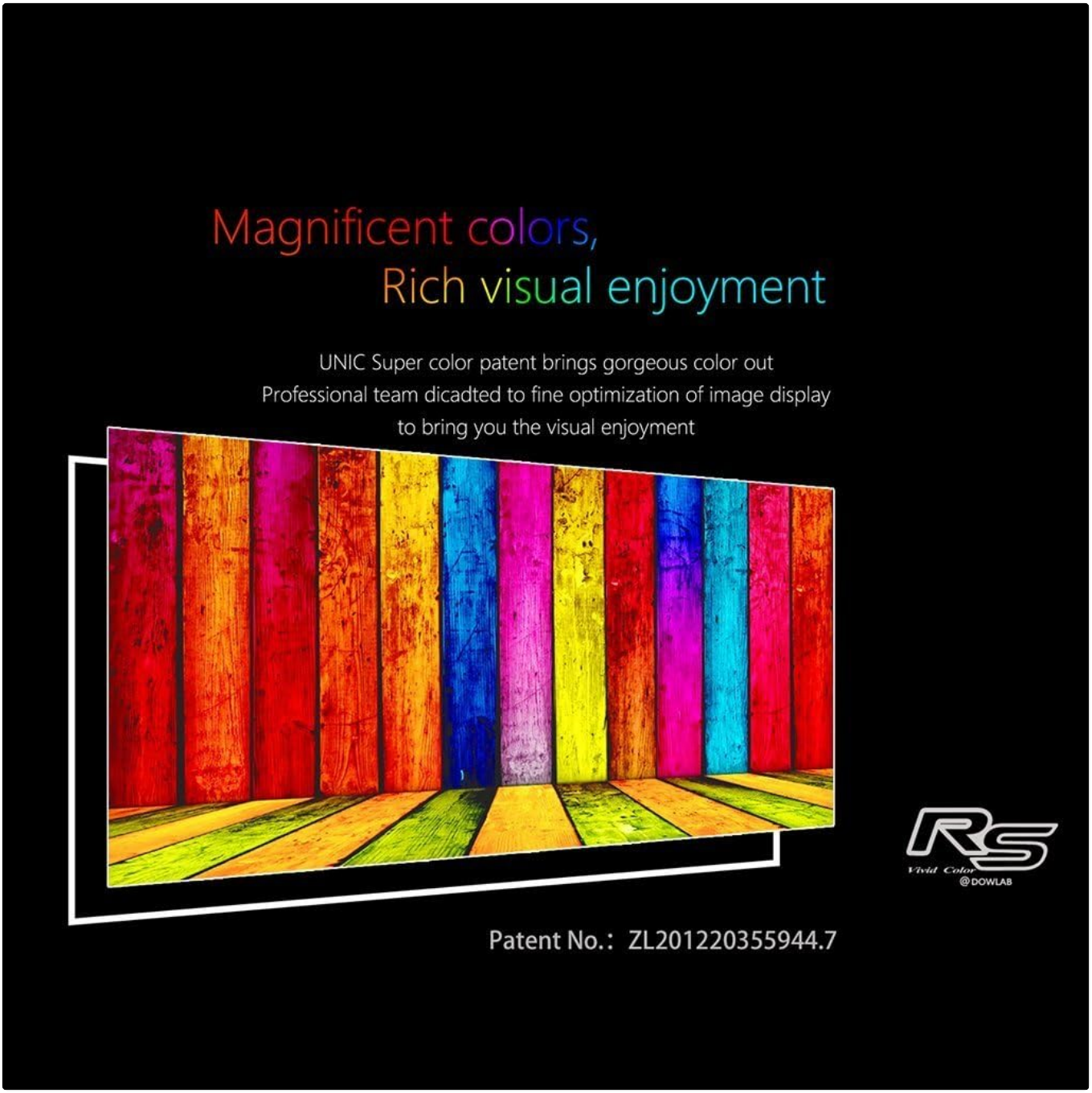



Image: The UNIC UC46+ Projector displaying a mirrored screen from a laptop, demonstrating its wireless connectivity feature.

- **WiFi Connection:** Navigate to the WiFi settings on the projector and connect to your home network. Follow the on-screen instructions to enable screen mirroring from your mobile phone, tablet, or laptop.
- **Wired Connection:** For certain devices, a wired connection (e.g., USB cable for some mobile devices, or HDMI for laptops) may also facilitate screen mirroring. Refer to your device's manual for specific instructions.

## 5.3. Media Playback

The projector supports a wide range of media formats:

- **Video Formats:** 3GP (H263, MPEG4), AVI (XVID, DivX, H264), MKV (Xvid, DivX, H264), FLV (FLV1), MOV (H264), MP4 (MPEG4, AVC), MPG (MPEG1), MPEG2 (VOB), RMVB (RV40)
- **Audio Formats:** MP3, WMA, ASF, WAV, OGG, AAC
- **Image Formats:** JPG, BMP, PNG
- **Document Formats:** TXT

## 5.4. Aspect Ratio Adjustment

The projector supports aspect ratios of 4:3 and 16:9. You can switch between these ratios via the projector's menu settings to best fit your content.

## 6. Specifications

Below are the detailed technical specifications for the UNIC UC46+ HD Projector:

| Feature | Specification |
|---|---|
| Image System | LCD |
| Lamp | LED |
| Lens | F = 125 |
| Color Reproduction | 16.7 Million Colors |
| Native Resolution | 800 x 480 |
| Maximum Resolution | 1920 x 1080 (1080P) |
| Brightness | 1200 Lumens |
| Keystone Correction | Manual ±15° |
| Contrast Ratio | 800:1 |
| LED Lamp Life | 20,000 hours |
| Aspect Ratio | 4:3 / 16:9 |
| Projection Distance | 1.07 m - 3.8 m |
| Projection Size | 34 - 130 inches |
| Projection Methods | Front / Top Table |
| Operating System | UNIC OS |
| Operation | Manual |
| Power Supply | 100 - 240 V, 50/60 Hz |
| Power Consumption | 55 W Max |
| On-screen Languages | 23 languages |
| Input Ports | USB, SD, HDMI, VGA, IR |
| Output Port | 3.5mm Headphone Jack |
| Speaker | 8Ω1 W |
| Wireless Connectivity | WiFi 2.4G |
| Product Color | Black |
| Product Dimensions (L x W x H) | 20.1 cm x 15.3 cm x 6.75 cm |

| Feature | Specification |
| --- | --- |
| Product Weight | 1 kg (2.1 lbs) |

## 7. Troubleshooting

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

- **No Image:**
  - Ensure the power cable is securely connected and the projector is turned on.
  - Check the input source selection. Make sure it matches the device you are connecting (e.g., HDMI1, VGA).
  - Verify that the connected device (laptop, TV box) is powered on and outputting a signal.
  - Try a different HDMI or VGA cable.
- **Blurry Image:**
  - Adjust the focus wheel until the image is sharp.
  - Correct any trapezoidal distortion using the keystone correction dial.
  - Ensure the projection distance is within the recommended range (1.07m - 3.8m).
- **No Sound:**
  - Check the volume level on the projector and the connected device.
  - Ensure that the audio output is not muted.
  - If using external speakers, ensure they are properly connected to the 3.5mm audio output and powered on.
- **Screen Mirroring Issues:**
  - Ensure both the projector and your device are connected to the same WiFi network.
  - Check for any firewall or network restrictions that might block mirroring.
  - Restart both the projector and the mirroring device.

## 8. Maintenance

Proper maintenance will extend the life of your projector and ensure consistent performance.

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or excessive force.
- **Dust Removal:** Regularly clean the ventilation openings to prevent dust buildup, which can affect cooling and performance. Use a soft brush or compressed air.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. Use the original packaging or a protective case to prevent dust and damage.
- **Power Off Properly:** Always turn off the projector using the power button and allow it to cool down before unplugging or moving it.

## 9. Warranty and Support

For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact your retailer. Typically, warranty details cover manufacturing defects and specific components for a defined period. Keep your proof of purchase for any warranty claims.

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