

## UNIC UC30 (IDSP-004)

# UNIC UC30 LED Mini Projector User Manual

Model: UC30 (IDSP-004)

## 1. INTRODUCTION

The UNIC UC30 LED Mini Projector is a compact and versatile multimedia device designed for home theater projection. It supports a wide range of input sources and file formats, making it suitable for various entertainment and presentation needs.

Key features include:

- Multiple Input Interfaces: AV, VGA, HDMI, USB, SD, and TV input.
- Extensive File Format Support: Compatible with various video, audio, image, and e-book formats.
- Keystone Correction: Adjusts image distortion for optimal viewing.
- Integrated Speaker: Built-in 2.0W \*2 stereo speakers for audio output.
- Flexible Projection: Supports front and rear projection models.



Figure 1: Front view of the UNIC UC30 LED Mini Projector, showcasing its compact design and lens.

## 2. SETUP

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### 2.1 Unpacking and Placement

Carefully remove the projector and all accessories from the packaging. Place the projector on a stable, flat surface. Ensure adequate ventilation around the unit to prevent overheating.

### 2.2 Power Connection

1. Connect the power adapter to the projector's power input port.
2. Plug the power adapter into a suitable electrical outlet.

### 2.3 Connecting Input Devices

The UC30 projector offers multiple input options. Connect your desired source device (e.g., laptop, DVD player, game console, USB drive) to the corresponding port on the projector.



Figure 2: Rear view of the white UNIC UC30 projector, showing various input ports including AV, VGA, HDMI, and USB.

- **HDMI:** For high-definition digital video and audio.
- **VGA:** For connecting computers or laptops.
- **AV:** For standard definition video and stereo audio (using the included 3-in-1 AV cable).
- **USB:** For playing media files directly from a USB flash drive.
- **SD Card:** For playing media files directly from an SD memory card.
- **TV:** For connecting to a TV signal source (if applicable to your region/model).

## 2.4 Focus and Keystone Correction

After powering on the projector, adjust the focus ring around the lens until the projected image is clear. Use the keystone correction feature (usually a dial or button on the projector) to correct any trapezoidal distortion in the image, ensuring a rectangular projection.

## 3. OPERATING INSTRUCTIONS

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### 3.1 Power On/Off

Press the power button on the projector or the remote control to turn the unit on or off. Allow a few seconds for the projector to warm up or cool down.

### 3.2 Selecting Input Source

Use the "Source" button on the projector or remote control to cycle through the available input options (HDMI, VGA, AV, USB, SD, TV) until your desired source is displayed.

### 3.3 Media Playback (USB/SD)

When a USB drive or SD card is inserted, the projector's media player interface will typically appear. Navigate through the

menus using the directional buttons on the projector or remote to select and play your desired files.

- **Supported Video Formats:** AVI, MOV, VOB, DAT, MPEG, MPG, RM, RMVB (encoding: MPEG1/MPEG2/MPEG4/DivX/Xvid).
- **Supported Audio Formats:** MP3, WMA, WAV.
- **Supported Image Formats:** JPEG, BMP, GIF, PNG.
- **Supported E-book Format:** TXT.



Figure 3: The UNIC UC30 projector displaying a video of a man in a soccer jersey, demonstrating its video playback capability.



Figure 4: The UNIC UC30 projector displaying a vibrant image of vegetables, showcasing its image display quality.

### 3.4 Audio Output

The projector has built-in stereo speakers. For private listening or connecting to external audio systems, use the stereo earphone output terminal.

### 3.5 Projection Model

The projector supports both front and rear projection. This setting can typically be adjusted in the projector's menu to suit your setup (e.g., projecting from behind a translucent screen).

## 4. MAINTENANCE

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### 4.1 Cleaning the Lens

Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Avoid using abrasive cleaners or excessive force, which can scratch the lens.

### 4.2 Cleaning the Projector Body

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

### 4.3 Ventilation

Ensure the projector's ventilation ports are clear of dust and obstructions. Proper airflow is crucial for maintaining optimal operating temperature and extending the lifespan of the LED lamp.

## 5. TROUBLESHOOTING

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### 5.1 No Image or "No Signal" Message

- Check if the projector is powered on and the power indicator light is active.
- Verify that the input cable (HDMI, VGA, AV) is securely connected to both the projector and the source device.
- Ensure the correct input source is selected on the projector (use the "Source" button).
- If using a computer, ensure its display output is enabled (e.g., press Fn + F8 or similar key combination).

### 5.2 Blurry Image

- Adjust the focus ring around the projector lens until the image is sharp.
- Ensure the projection distance is within the recommended range (1-3.5 meters).
- Clean the projector lens if it appears dirty.

### 5.3 No Sound

- Check the volume level on both the projector and the source device.
- If using HDMI, ensure the source device is sending audio through HDMI.
- If using AV, ensure the red and white audio cables are correctly connected.
- If external speakers are connected, ensure they are powered on and functioning correctly.

### 5.4 Image Distortion (Trapezoid Shape)

- Adjust the keystone correction feature on the projector to square the image.
- Ensure the projector is placed on a level surface and is as perpendicular to the screen as possible.

## 6. SPECIFICATIONS

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Below are the detailed technical specifications for the UNIC UC30 LED Mini Projector:


LED PROJECTOR UC30			
		Specification	
		Image system	LCD
		Native resolution	480*320
		Brightness	150 lumen
		Power waste	30W
		Noise	<25dB
		Throw distance	1 to 3.5m
		Aspect ratio	4:3/16:9
		Body weight	0.72kg
		Lens	Multi-layer coated glass lens
		Input terminal	AV, USB, SD, VGA, HDMI, Micro USB
		Output terminal	Headphone, Speaker
		Accessory	Power adaptor, 3-in-1 AV cable, User Manual, remote control
		Certification	CE, ROHS, FCC, BIS
		Lamp	LED
		max resolution	1920*1080
		Contrast	500:1
		Power supply	12V 2.5A
		Picture size	30-100"
		Body size	17*14*7cm
		Speaker	8Ω 2W*2
		Body color	black/white

Figure 5: Official specification table for the UNIC UC30 LED Mini Projector, detailing its technical characteristics.

Feature	Detail
Image System	LCD
Native Resolution	480 x 320 Pixels
Max Resolution Support	1920 x 1080 (Full HD)
Brightness	150 LUX (150 lumen)
Contrast Ratio	500:1
Power Consumption	30W
Power Supply	12V 2.5A
Noise Level	<25dB
Throw Distance	1 to 3.5 meters
Picture Size	30-120 inches
Aspect Ratio	4:3 / 16:9
Body Weight	0.72 kg
Body Size	17 x 14 x 7 cm
Speaker	2.0W *2 Stereo
Lens	Multi-layer coated glass lens
Input Terminals	AV, USB, SD, VGA, HDMI, Micro USB
Output Terminals	Stereo Earphone, Speaker
Included Accessories	Power adapter, 3-in-1 AV cable, User Manual, Remote control
Certifications	CE, ROHS, FCC, BIS

7. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service, please refer to the warranty card included with your product or contact the retailer or manufacturer directly. Keep your purchase receipt as proof of purchase.

