

Ematic EMP-720

Ematic LED Projector (EMP-720)

USER INSTRUCTION MANUAL

1. Introduction

Thank you for purchasing the Ematic LED Projector. This manual provides essential information for setting up, operating, and maintaining your projector to ensure optimal performance and longevity. Please read this manual thoroughly before using the product and retain it for future reference.

2. Safety Information

To prevent fire or electric shock, do not expose this appliance to rain or moisture. To avoid electric shock, do not open the cabinet. Refer servicing to qualified personnel only.

- Do not look directly into the projector lens when the lamp is on.
- Ensure proper ventilation around the projector. Do not block ventilation openings.
- Use only the power adapter supplied with the projector.
- Keep the projector away from water or any liquids.
- Do not place the projector on an unstable surface.
- Unplug the projector from the power outlet during lightning storms or when unused for long periods.

3. Package Contents

- Ematic LED Projector
- Remote Control
- Power Adapter
- User Manual
- AV Cable (if included)

4. Product Overview

4.1 Front View



Figure 4.1: Front view of the Ematic LED Projector, highlighting the projection lens.

4.2 Top View and Controls



Figure 4.2: Top view of the projector showing the control panel (Menu, Source, Exit, Navigation buttons) and the Focus and Keystone correction dials. A remote control is also visible.

- **Focus Ring:** Adjusts image clarity.
- **Keystone Correction:** Corrects trapezoidal image distortion.
- **Control Panel:** Buttons for Menu, Source selection, Exit, and navigation.

4.3 Rear and Side Views with Ports

MULTIPLE CONNECTIONS



Figure 4.3: Rear panel of the projector displaying the connectivity options: AUX audio output, AV input, MicroSD card slot, two HDMI inputs, USB port, and DC power input.



Figure 4.4: Side view of the projector, highlighting the VGA input port and the infrared (IR) receiver for the remote control.

- **AUX:** 3.5mm audio output for external speakers or headphones.
- **AV:** Composite video and stereo audio input.
- **MicroSD:** Slot for MicroSD memory cards.
- **HDMI 1 / HDMI 2:** High-Definition Multimedia Interface inputs for digital audio/video.
- **USB:** USB port for media playback from USB drives.
- **DC IN:** Power input for the projector.
- **VGA:** Video Graphics Array input for computer connection.

5. Setup

1. **Placement:** Place the projector on a stable, flat surface. Ensure there is adequate space around the projector for ventilation. For optimal viewing, position the projector perpendicular to the projection screen or wall.
2. **Power Connection:** Connect the supplied power adapter to the DC IN port on the projector and then plug the adapter into a power outlet.

3. **Initial Power On:** Press the power button on the projector or the remote control to turn on the unit. The power indicator light will illuminate.
4. **Focus Adjustment:** Once the projector is on, rotate the Focus Ring (refer to Figure 4.2) until the projected image is clear and sharp.
5. **Keystone Correction:** If the image appears trapezoidal (wider at the top or bottom), adjust the Keystone Correction dial (refer to Figure 4.2) until the image is rectangular.

6. Operating Instructions

1. **Turning On/Off:** Press the power button on the projector or remote control. Press again to turn off.
2. **Input Source Selection:** Press the "Source" button on the projector or remote control to cycle through available input sources (HDMI 1, HDMI 2, AV, VGA, USB, MicroSD). Select the desired input.
3. **Menu Navigation:** Press the "Menu" button to access the projector's settings. Use the navigation buttons on the projector or remote to browse options and the "OK" button to confirm selections.
4. **Media Playback (USB/MicroSD):** Insert a USB drive or MicroSD card into the respective port. Select "USB" or "MicroSD" as the input source. The projector will display a file browser. Navigate to your desired media file (video, photo, music, text) and press "OK" to play.
5. **Audio Output:** The projector has built-in speakers (refer to Figure 6.1). For external audio, connect headphones or external speakers to the AUX port (3.5mm audio jack).

BUILT-IN SPEAKERS

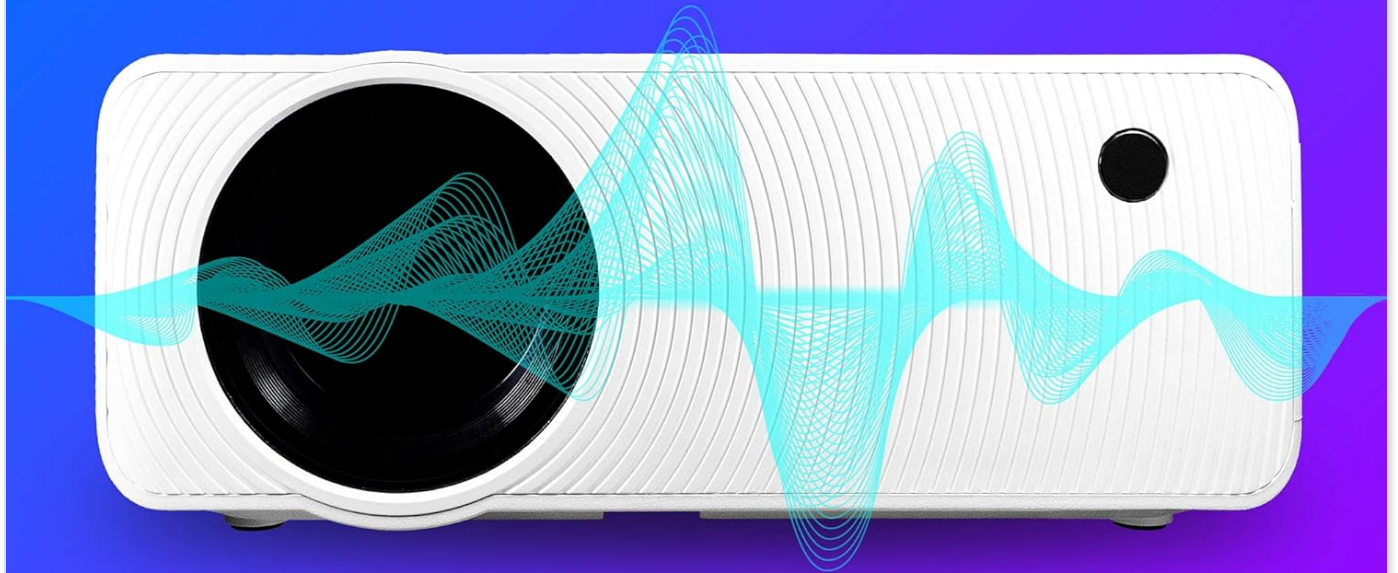


Figure 6.1: Projector highlighting its built-in speaker functionality.

7. Connectivity

The Ematic LED Projector offers multiple connection options to various devices, ensuring versatility for your entertainment and presentation needs.



Figure 7.1: Multimedia device compatibility chart for the projector.



Figure 7.2: Examples of projector connections to a laptop and smartphone, highlighting supported input types.

- **HDMI:** Connect Blu-ray players, game consoles (PS4, Xbox), streaming devices (Amazon Fire TV Stick, Chromecast), laptops, and other HDMI-enabled devices.
- **USB:** Play media files (videos, photos, music) directly from USB flash drives.
- **MicroSD:** Play media files directly from MicroSD memory cards.
- **AV:** Connect older devices like DVD players or VCRs using the included AV cable.
- **VGA:** Connect desktop computers or older laptops.
- **Audio Out (AUX):** Connect external speakers or headphones for enhanced audio experience.

8. Maintenance

- **Lens Cleaning:** Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Do not use abrasive cleaners or excessive force.
- **Dust Removal:** Regularly clean the ventilation grilles with a soft brush or compressed air to prevent dust buildup, which can affect performance and lifespan.

- **Exterior Cleaning:** Wipe the projector's exterior with a soft, damp cloth. Avoid using harsh chemicals.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, ideally in its original packaging or a protective case, to prevent dust accumulation and damage.

9. Troubleshooting

Problem	Possible Cause	Solution
No image projected	No power; Incorrect input source; Cable not connected properly.	Check power connection; Select correct input source; Reconnect cables securely.
Image is blurry	Focus not adjusted; Projector too far/close to screen.	Adjust the Focus Ring; Adjust projection distance.
Image is trapezoidal	Keystone not adjusted; Projector not level.	Adjust the Keystone Correction dial; Ensure projector is on a flat surface.
No sound	Volume too low; Muted; External speakers not connected or off.	Increase volume; Unmute; Check external speaker connection and power.
Remote control not working	Batteries dead; Obstruction between remote and IR receiver.	Replace batteries; Remove obstructions; Point remote directly at the projector's IR receiver.

10. Specifications

Feature	Detail
Brand	Ematic
Model	EMP-720 (Generic)
Display Resolution	1280 x 720 (Native)
Connectivity Technology	HDMI, USB, AV, VGA, MicroSD, AUX
Special Feature	Portable, Built-in Speakers
Item Weight	3.5 pounds
Product Dimensions	13.85 x 5 x 8.8 inches
Lamp Life	Up to 20,000 hours (Normal Mode)

11. Warranty and Support

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Ematic website. Keep your proof of purchase for warranty claims.

Ematic Customer Support: www.ematic.us/support (Example Link)



