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Minolta MN630

Minolta MN630 Portable HD Projector User Manual

MODEL: MN630

1. Introduction

Thank you for purchasing the Minolta MN630 Portable HD Projector. This compact and versatile projector is designed for a wide range of entertainment and professional uses, including watching movies, playing games, and delivering presentations. Its portable design allows you to enjoy a large screen experience wherever you go. This manual provides detailed instructions on setting up, operating, maintaining, and troubleshooting your projector to ensure optimal performance and longevity.

2. Important Safety Information

Please read all safety instructions carefully before using the projector. Keep this manual for future reference.

- Do not look directly into the projector lens when the lamp is on, as the strong light can cause eye damage.
- Do not place the projector in an unstable position where it could fall.
- Avoid placing the projector in areas with high humidity, dust, or extreme temperatures.
- Ensure proper ventilation around the projector to prevent overheating. Do not block ventilation openings.
- Use only the power adapter supplied with the projector.
- Do not attempt to disassemble or repair the projector yourself. Refer all servicing to qualified personnel.
- Keep the projector away from water or other liquids.

3. Package Contents

Please check that all items are present in your package:

- Minolta MN630 Portable HD Projector
- Remote Control (requires 2 x AAA batteries, not included)
- Mini Tripod
- HDMI Cable
- Power Adapter
- User Manual (this document)



Image: Included accessories for the Minolta MN630 projector.

4. Product Overview

Familiarize yourself with the various parts and connections of your Minolta MN630 projector.

Front and Top View



Image: Front and side view of the Minolta MN630 projector, highlighting the projection lens and cooling vents.



Image: Top view of the Minolta MN630 projector, displaying the power button and navigation controls.

- **Projection Lens:** Emits the image.
- **Focus Ring:** Adjusts image clarity.
- **Ventilation Grilles:** For air intake and exhaust to cool the projector.
- **Power Button:** Turns the projector on or off.
- **Navigation Buttons:** For menu navigation and selection.

Rear View and Ports



Image: Rear view of the Minolta MN630 projector, detailing the various connectivity ports.

- **5V-IN (Power Input):** Connect the power adapter here.
- **HDMI Port:** Connect to HDMI-enabled devices like laptops, game consoles, or streaming sticks.
- **USB Port:** Connect USB drives for media playback.
- **IR Receiver:** For remote control signals.
- **TF (MicroSD) Card Slot:** Insert MicroSD cards for media playback.
- **DC (Audio Out) Port:** Connect external speakers or headphones.

5. Setup

5.1 Placement

Place the projector on a stable, flat surface. For optimal viewing, position the projector perpendicular to the projection surface (wall or screen). The recommended projection distance is 50 cm to 3.2 meters, yielding a screen size of 14 to 100 inches (suggested 30 to 80 inches for best quality).

5.2 Power Connection

1. Connect the power adapter to the 5V-IN port on the projector.
2. Plug the power adapter into a wall outlet (AC 100-240V / 50-60Hz).

5.3 Connecting Input Devices

The Minolta MN630 supports multiple input sources:

- **HDMI:** Connect an HDMI cable from your device (laptop, game console, DVD player, streaming stick) to the HDMI port on the projector.
- **USB:** Insert a USB flash drive into the USB port for direct media playback (photos, videos, music).
- **MicroSD (TF Card):** Insert a MicroSD card into the TF card slot for direct media playback.

5.4 Focus Adjustment

After powering on the projector, rotate the focus ring located around the lens until the projected image appears clear and sharp.

5.5 Using the Mini Tripod

The projector includes a threaded mount on its underside for attaching the provided mini tripod, allowing for easy height and angle adjustments.



Image: The Minolta MN630 projector securely mounted on its mini tripod.

5.6 Usage Examples



Image: The projector displaying a vibrant cartoon movie, demonstrating its use for home entertainment.

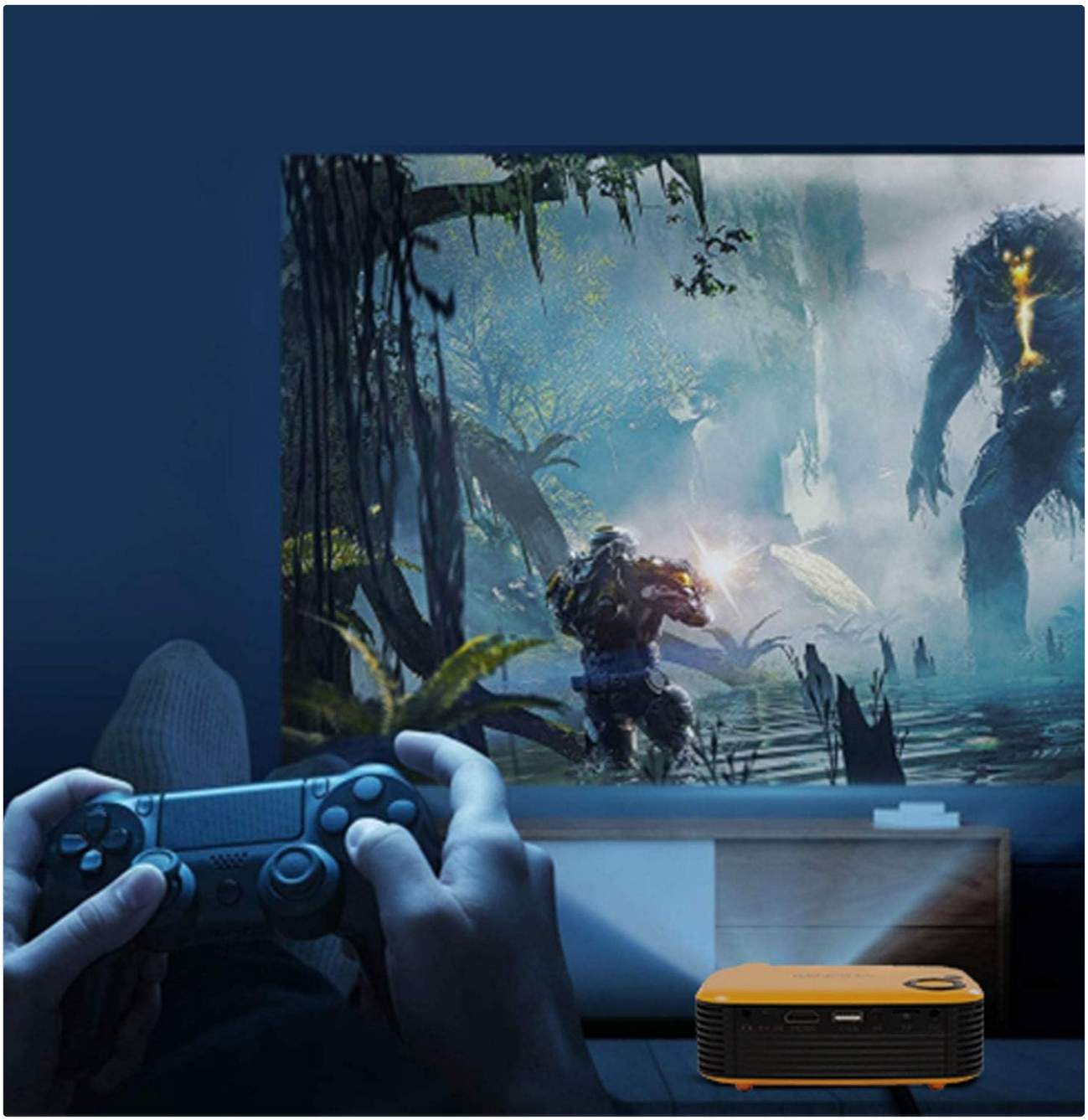


Image: A user playing a video game projected by the Minolta MN630, showcasing its gaming capabilities.

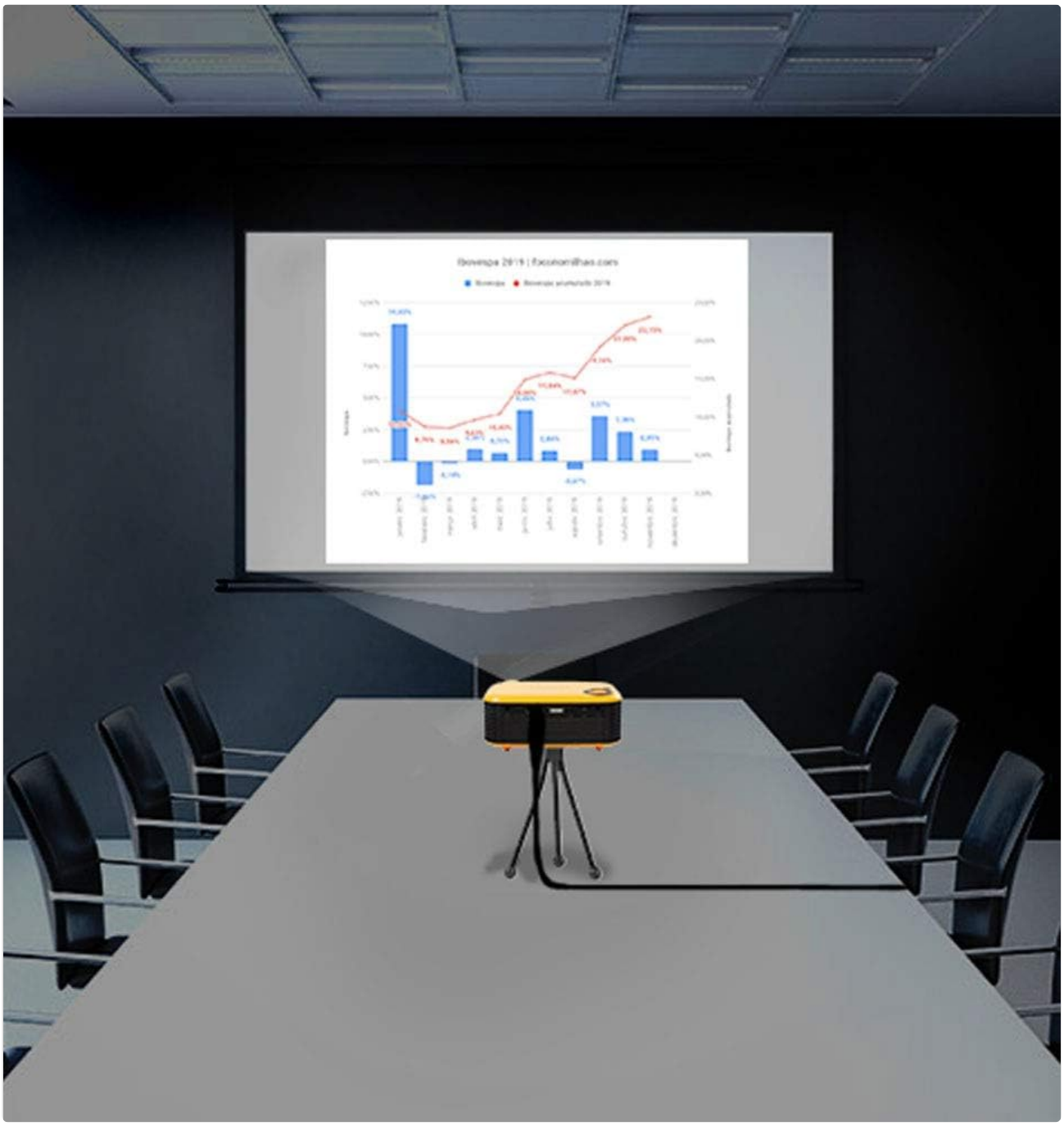


Image: The projector displaying a business presentation in a meeting room, highlighting its suitability for professional use.

6. Operating Instructions

6.1 Powering On/Off

- **To Power On:** Press the Power button on the projector or the remote control. The indicator light will turn on.
- **To Power Off:** Press the Power button again. The projector will shut down.

6.2 Using the Remote Control

Insert 2 x AAA batteries (not included) into the remote control. Point the remote control towards the IR receiver on the projector.

- **Power Button:** Turns the projector on/off.

- **Arrow Keys (Up/Down/Left/Right):** Navigate through menus and options.
- **OK Button:** Confirms selection.
- **Back/Return Button:** Returns to the previous menu.
- **Source Button:** Selects input source (HDMI, USB, TF).
- **Volume Buttons (+/-):** Adjusts the volume.
- **Mute Button:** Mutes/unmutes audio.

6.3 Selecting Input Source

After connecting your device, press the 'Source' button on the remote control or the projector's control panel to cycle through available input sources (HDMI, USB, TF Card) until your desired source is displayed.

6.4 Audio Settings

The projector has a built-in speaker. You can adjust the volume using the remote control. For enhanced audio, connect external speakers or headphones to the DC (Audio Out) port.

6.5 Aspect Ratio

The projector supports 4:3 and 16:9 aspect ratios. You can typically switch between these in the projector's display settings menu to match your content.

7. Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your projector.

7.1 Cleaning the Lens

Use a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens in a circular motion. Do not use abrasive cleaners or excessive force.

7.2 Cleaning the Vents

Periodically clean the ventilation grilles with a soft brush or a vacuum cleaner with a brush attachment to remove dust buildup. This helps maintain proper airflow and prevents overheating.

7.3 Storage

When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to use the original packaging or a protective case.

8. Troubleshooting

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

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No image projected	No power; Incorrect input source; Loose cable connection	Check power connection; Select correct input source; Ensure cables are securely connected.
Image is blurry	Focus not adjusted; Projector too close/far	Adjust the focus ring; Adjust projection distance within recommended range.
No sound	Volume too low/muted; External audio device not connected	Increase volume or unmute; Check external speaker/headphone connection.
Remote control not working	Batteries low/incorrectly inserted; Obstruction between remote and IR receiver	Replace batteries; Ensure correct battery polarity; Remove any obstructions.
Projector overheats and shuts down	Blocked ventilation; Prolonged use in hot environment	Ensure vents are clear; Operate in a well-ventilated area; Allow projector to cool down.

9. Specifications

Technical specifications for the Minolta MN630 Portable HD Projector:

Feature	Specification
Brand	Minolta
Model Number	MN630
Display Technology	2-inch LCD
Native Resolution	320 x 240 Pixels
Max Supported Resolution	1080p
Brightness	2,500 ANSI Lumens
Contrast Ratio	1,000:1
Aspect Ratio	4:3, 16:9
Projection Distance	50 cm to 3.2 m
Screen Size	14 to 100 inches (suggested 30 to 80 inches)
Connectivity	HDMI, USB, TF (MicroSD) Card Slot
Audio Output	Built-in Speaker, 3.5mm Audio Jack

Feature	Specification
Power Input	AC 100-240V / 50-60Hz, 5V input
Product Dimensions (L x W x H)	8.5 x 13.5 x 4.5 cm
Product Weight	290 g
Color	Orange

10. Warranty and Support

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

If you require further assistance or have questions not covered in this manual, please contact Minolta customer service.

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