

Dell M110 Ultra-Mobile Projector User Manual

INTRODUCTION

This manual provides essential information for the safe and efficient use of your Dell M110 Ultra-Mobile Projector. Please read these instructions carefully before operating the device and retain them for future reference. The Dell M110 is designed for portability, offering vibrant presentations and media playback in various environments.

SETUP

1. Unpacking and Components

Carefully remove all components from the packaging. Ensure all items are present:

- Dell M110 Projector
- Power Adapter and Cable
- VGA Cable
- Carrying Case
- Mini Tripod (may be included or optional)



Image: The Dell M110 projector shown with its power adapter, VGA cable, and carrying case, laid out on a wooden surface.

2. Connecting Power

1. Connect the power cable to the power adapter.
2. Plug the power adapter into the DC-in port on the projector.
3. Plug the power cable into a wall outlet. The power indicator light on the projector will illuminate.

3. Connecting Input Sources

The M110 supports various input sources:

- **HDMI:** Connect an HDMI cable from your source device (laptop, Blu-ray player, game console) to the HDMI port on the projector.
- **VGA:** Connect a VGA cable from your computer to the VGA port on the projector.
- **USB:** Insert a USB drive into the USB-A port for direct media playback.
- **SD Card:** Insert an SD card into the SD card slot for direct media playback.
- **Universal I/O:** This port can be used with an optional adapter for additional connectivity.



Image: A close-up view of the rear panel of the Dell M110 projector, highlighting the HDMI, USB, AV In, and Universal I/O ports.

4. Positioning the Projector

Place the projector on a stable, flat surface. For optimal image quality, position it directly in front of the screen or wall. The included mini tripod can be attached to the bottom of the projector for angle adjustments.



Image: The Dell M110 projector is shown from the front, mounted on a small silver tripod, ready for projection.

OPERATING INSTRUCTIONS

1. Powering On/Off

- **To Power On:** Press the power button on the projector's control panel. The power indicator will turn solid blue.
- **To Power Off:** Press the power button again. A confirmation message may appear; confirm to shut down. The projector will go through a cooling cycle before fully powering off.



Image: A top-down view of the Dell M110 projector, clearly showing the power button, navigation controls, and other function buttons on its surface.

2. Navigating Menus and Selecting Input

1. Use the navigation buttons (up, down, left, right) on the control panel to move through menu options.
2. Press the 'Enter' or 'OK' button (usually the center button) to select an option.
3. To select an input source, press the 'Source' button (often indicated by an icon resembling a monitor or arrow). Use navigation buttons to highlight your desired input (HDMI, VGA, USB, SD Card) and press 'Enter'.

3. Adjusting Image Settings

- **Focus:** Rotate the focus ring located near the lens until the image is sharp.
- **Keystone Correction:** If the image appears trapezoidal, use the keystone correction setting in the projector's menu to square the image.
- **Brightness/Contrast:** Adjust these settings in the 'Picture' or 'Display' menu to suit your viewing environment.
- **Aspect Ratio:** Select the appropriate aspect ratio (e.g., 16:9 for widescreen, 4:3 for standard) from the menu to prevent image distortion.

4. Using the Built-in Speaker

The Dell M110 features a built-in speaker for audio output. Volume can be adjusted via the projector's menu or the source device. For higher quality audio, connect external speakers to the audio output port if available on your source device.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your projector.

1. Cleaning the Lens

Use a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens in a circular motion. Avoid using abrasive cleaners or excessive force, which can scratch the lens.

2. Cleaning Air Vents

Dust and debris can accumulate in the air vents, leading to overheating. Periodically use a can of compressed air to clear the vents. Ensure the projector is powered off and unplugged before cleaning.

Overview Services and Support

Dell M110 Ultra Mobile Projector

The conference room in your laptop bag.

- **Sized for the road:** Measuring in at a mere 4.09" wide, 4.14" long and 1.43" high (104mm x 105.3mm x 36.5mm), the M110 is sized to fit in your laptop bag, purse or the included carrying case.
- **Extremely Light:** With a weight of 0.8 lb +/- 0.05 lb (360g +/- 22.7g), it's so light you'll barely even notice you're carrying it.
- **Media to go:** With 1GB internal Flash memory¹, the M110 can store your media with ease for grab-and-go mobility.
- **A sound choice:** A built-in 1W speaker means your audio-visual presentation is totally self-contained. Just grab the M110 and hit the road.
- **Be well rounded:** Add optional accessories like the wireless dongle, miniature height-adjustable tripod and credit card-sized remote control and run your presentations like a pro.

Small and bright.

Image: A side view of the Dell M110 projector, highlighting the ventilation grilles designed for heat dissipation.

3. Storage

When not in use, store the projector in its carrying case in a cool, dry, and dust-free environment. Avoid exposing it to extreme temperatures or humidity.

TROUBLESHOOTING

If you encounter issues with your Dell M110 projector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image projected	No power; incorrect input source; loose cable connection; source device not outputting signal.	Check power connection; select correct input source; ensure cables are securely connected; verify source device output.
Image is dim or unclear	Ambient light too high; focus not adjusted; lens dirty; brightness/contrast settings.	Reduce ambient light; adjust focus ring; clean the lens; adjust brightness/contrast settings.
No sound	Volume too low; audio cable not connected (if applicable); source device audio settings.	Increase projector volume; check audio connections; adjust audio settings on source device.
Projector overheats or shuts down	Blocked air vents; prolonged use in hot environment.	Ensure vents are clear; operate in a well-ventilated area; allow projector to cool down.
Image is trapezoidal	Projector not perpendicular to screen.	Adjust projector position or use keystone correction feature in the menu.

SPECIFICATIONS

Key technical specifications for the Dell M110 Ultra-Mobile Projector:

Feature	Detail
Model Number	M110
Item Weight	3.45 pounds (approximately 1.56 kg)
Product Dimensions	17.09 x 15.16 x 14.06 inches (approximately 43.4 x 38.5 x 35.7 cm)
Connectivity Technology	HDMI, VGA, USB, SD Card, Universal I/O
Display Resolution (Native)	1920 x 1080 (Full HD)
Display Resolution (Maximum)	1280 x 720 (HD)
Special Features	Built-in speakers

WARRANTY AND SUPPORT

For detailed warranty information, technical support, and service options, please refer to the official Dell support website or contact Dell customer service directly. Ensure you have your product's model number (M110) and any purchase documentation available when seeking support.

Note: Any extended warranty purchased from a third-party seller is subject to the terms and conditions provided by that seller.

© 2023 Dell Inc. All rights reserved. Dell and the Dell logo are trademarks of Dell Inc.