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# NEC NP115 DLP Projector Instruction Manual

Model: NP115

## 1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your NEC NP115 DLP Projector. The NP115 is a versatile mobile projector designed for business and educational settings, featuring 2500 ANSI lumens, SVGA (800 x 600) resolution, and 3D-ready capabilities. It incorporates BrilliantColor technology for accurate color reproduction and includes a 7-watt speaker for audio output. Please read this manual thoroughly before using the projector and retain it for future reference.

## 2. IMPORTANT SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the projector and ensure user safety:

- **Electrical Safety:** Always connect the projector to a grounded power outlet. Do not overload power strips or extension cords. Disconnect the power cord during lightning storms or when unused for extended periods.
- **Heat and Ventilation:** Ensure adequate ventilation around the projector. Do not block ventilation openings. Avoid placing the projector on soft surfaces that may obstruct airflow. High temperatures can shorten lamp life and damage internal components.
- **Lamp Safety:** The projector lamp operates at high temperatures and pressure. Allow the projector to cool down completely before moving it or attempting lamp replacement. Never look directly into the projector lens when the lamp is on, as intense light can cause eye damage.
- **Handling:** Handle the projector with care. Avoid dropping or subjecting it to strong impacts. Do not attempt to open the projector casing; refer all servicing to qualified personnel.
- **Liquid and Moisture:** Keep the projector away from water and other liquids. Do not operate in high-humidity environments.

### 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- NEC NP115 DLP Projector
- Power Cord
- VGA Cable
- Remote Control (with batteries)
- User Manual (this document)
- Built-in 7-watt speaker

### 4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your NEC NP115 projector.



Figure 4.1: Front-top view of the NEC NP115 Projector.

#### Description of Components:

- **Projection Lens:** Located at the front, responsible for projecting the image.
- **Focus Ring:** Adjusts image sharpness.
- **Zoom Lever:** Adjusts image size.
- **Control Panel:** Buttons on the top for power, menu navigation, input selection, and volume.
- **Ventilation Openings:** Located on the sides and front, crucial for heat dissipation.
- **Input/Output Ports:** (Located on the rear, not visible in this image) For connecting various devices such as computers, video players, and USB devices.
- **Adjustable Feet:** Located on the bottom, used to adjust the projection angle.

## 5. SETUP

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### 5.1 Projector Placement

Place the projector on a stable, flat surface or mount it securely. Ensure the projector is positioned at an appropriate distance from the screen to achieve the desired image size. The projection distance will vary based on the zoom setting and desired screen size.

### 5.2 Connecting Devices

Connect your source device (e.g., computer, DVD player) to the projector using the appropriate cables. The NP115 supports various connectivity options:

- **VGA:** Connect a computer using the supplied VGA cable.
- **USB:** For certain data display functions or firmware updates.
- **HDMI:** Connect devices with HDMI output for digital video and audio. (Note: While specifications indicate HDMI, some models or regional versions may vary. Please check your specific unit's ports.)
- **Audio In/Out:** For external audio sources or connecting to external speakers.

### 5.3 Powering On

1. Connect the power cord to the projector and a grounded electrical outlet.
2. Press the Power button on the projector's control panel or remote control. The power indicator light will illuminate.
3. Allow a few moments for the projector to warm up and display the image.

## 6. OPERATING THE PROJECTOR

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### 6.1 Basic Controls

Use the control panel buttons or the remote control to navigate the projector's functions:

- **Power:** Turns the projector on/off.
- **Input:** Selects the input source (VGA, HDMI, etc.).
- **Menu:** Opens the on-screen display (OSD) menu.
- **Arrow Buttons:** Navigate through menu options.
- **Enter>Select:** Confirms a selection.
- **Volume +/-:** Adjusts the audio output level.

### 6.2 Image Adjustment

- **Focus:** Rotate the focus ring on the lens until the image is sharp.
- **Zoom:** Use the zoom lever on the lens to adjust the image size.
- **Keystone Correction:** If the image appears trapezoidal, use the keystone correction function in the OSD menu to square the image.
- **10-step Magnification:** Utilize the magnification feature to zoom in on specific areas of the projected image for detailed viewing.

## 6.3 ECO Mode

The projector features an ECO Mode to reduce power consumption and extend lamp life. Activate ECO Mode through the OSD menu. The Carbon Savings Meter will display the positive environmental impact of using this mode.

## 6.4 3D Functionality

The NP115 is 3D-ready. To experience 3D content, you will need compatible 3D source material, a 3D-capable player, and active 3D glasses (sold separately). Refer to the projector's OSD menu for 3D settings and synchronization options.

# 7. MAINTENANCE

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## 7.1 Cleaning the Projector

- **Casing:** Wipe the projector casing with a soft, dry, lint-free cloth. For stubborn dirt, use a slightly damp cloth with a mild detergent, then wipe dry.
- **Lens:** Gently clean the lens with a lens cleaning cloth or lens paper. Avoid using abrasive cleaners or excessive force.
- **Air Filter:** Regularly clean the air filter to maintain optimal cooling and performance. Refer to the full user guide for specific instructions on filter removal and cleaning.

## 7.2 Lamp Replacement

The projector lamp has a finite lifespan. When the lamp reaches the end of its life, a warning message will appear, and the lamp indicator may illuminate. Always replace the lamp with an authorized NEC replacement lamp. Refer to the detailed instructions in the full user guide for safe lamp replacement procedures. Ensure the projector is completely cooled and unplugged before attempting replacement.

# 8. TROUBLESHOOTING

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

- **No Image Displayed:**

- Check power connections and ensure the projector is turned on.
- Verify the input source selection matches the connected device.
- Ensure the source device is powered on and outputting a signal.

- **Image is Blurry:**

- Adjust the focus ring on the lens.
- Ensure the projection surface is flat and the projector is stable.

- **No Sound:**

- Check the volume level on the projector and the source device.
- Ensure audio cables are correctly connected (if using analog audio).

#### • Projector Overheating:

- Ensure ventilation openings are not blocked.
- Clean the air filter.
- Operate in a well-ventilated area.

For more complex issues, refer to the comprehensive troubleshooting section in the full user guide or contact customer support.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	NP115
Brand	NEC
Display Type	DLP
Display Resolution	800 x 600 (SVGA native), supports up to 1024 x 768
Brightness	2500 ANSI lumens
Connectivity Technology	VGA, USB, HDMI (check specific unit)
Special Features	3D-ready, Built-in Speaker, Internet-ready (via optional accessories)
Product Dimensions	3.74 x 12.2 x 9.72 inches
Item Weight	5.51 pounds
Manufacturer	NEC Solutions (America), Inc.
Language	English

## 10. WARRANTY AND SUPPORT

### 10.1 Warranty Information

This product is sold with a 1-year replacement warranty. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or consumable parts like the lamp after its rated lifespan.

### 10.2 Customer Support

For technical assistance, warranty service, or further inquiries, please contact NEC customer support. Refer to the official NEC website or the contact information provided with your purchase for the most up-to-date support details.

## Related Documents - NP115

	<p><b><a href="#">NEC LT75Z Micro-Portable Projector User's Manual</a></b></p> <p>Comprehensive user's manual for the NEC LT75Z Micro-Portable Projector, detailing setup, operation, maintenance, troubleshooting, and specifications. Learn about its features, connectivity, and warranty information.</p>
	<p><b><a href="#">NEC L50W Projector User Manual - Setup, Operation, and Safety</a></b></p> <p>Comprehensive user manual for the NEC L50W projector. Covers features, installation, safe operation, multimedia use, and troubleshooting. Learn about its LED technology, WXGA display, and energy-saving modes.</p>
	<p><b><a href="#">NEC PX1005QL Installation Guide: Desktop and Ceiling Mount</a></b></p> <p>Comprehensive installation guide for the NEC PX1005QL projector, covering desktop and ceiling mounting, lens specifications, throw distance calculations, ventilation, and control codes.</p>
	<p><b><a href="#">NEC NP64/NP63/NP54/NP43 Portable Projector User's Manual</a></b></p> <p>User's manual for NEC NP64, NP63, NP54, and NP43 series portable projectors. Provides comprehensive guidance on safety, installation, operation, features, maintenance, and troubleshooting.</p>
	<p><b><a href="#">NEC NP-M430WL NP-M380HL Laser Classroom Projector User Guide</a></b></p> <p>Comprehensive user guide for the NEC NP-M430WL and NP-M380HL Laser Classroom Projectors, detailing features, specifications, installation, and maintenance for educational environments.</p>
	<p><b><a href="#">Manual do Utilizador NEC L50W: Instalação, Operação e Segurança do Projetor</a></b></p> <p>Guia completo para o projetor NEC L50W. Aprenda sobre instalação, operação, características, segurança e solução de problemas para maximizar o desempenho do seu projetor NEC.</p>

