

PHILIPS NeoPix 100

Philips NeoPix 100 Mini Projector User Manual

Model: NeoPix 100

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Philips NeoPix 100 Mini Projector. Designed for ease of use and versatility, the NeoPix 100 offers a brilliant viewing experience up to 65 inches with dynamic stereo sound. It supports various connectivity options including HDMI, VGA, USB-A, USB-C, and 3.5mm jack, and features a built-in media player. Advanced LED light source ensures vibrant colors and a long lifespan. Key features include:

- **TRUE HD 720p:** Enjoy entertainment with 720p HD resolution.
- **WI-FI SCREEN MIRRORING:** Project your phone or laptop screen via 2.4 or 5Ghz high-speed Wi-Fi. *(Note: Wi-Fi screen mirroring does not work with protected content like Netflix or Amazon Prime).*
- **EASY CONNECTION:** Connect devices via HDMI, including laptops, TV boxes, and streaming dongles.
- **MULTIMEDIA PLAYER:** Play videos, images, and songs directly from a USB stick or hard drive.

WHAT'S IN THE BOX

Upon unboxing your Philips NeoPix 100, please ensure all the following items are present:

- Philips NeoPix 100 Projector
- User Manual
- Electrical cord
- Remote Control
- Quick start guide with Warranty card
- AC Adapter
- Batteries (for remote control)

PRODUCT OVERVIEW



Figure 1: Angled view of the Philips NeoPix 100 projector, highlighting the lens and various input/output ports.



Figure 2: Top view of the projector, displaying the integrated control panel and focus/keystone adjustment wheels.



Figure 3: Close-up of the rear panel, showing AV, Micro SD, HDMI1, HDMI2, USB, and DC IN ports.

SETUP

1. Placement

Position the projector on a stable, flat surface. For optimal viewing, ensure the projector is placed directly in front of the projection surface (screen or wall). The recommended projection distance will vary based on desired screen size, with a maximum screen size of 65 inches.

2. Power Connection

1. Connect the supplied AC adapter to the "DC IN" port on the projector.

2. Plug the other end of the AC adapter into a power outlet.
3. Press the power button on the projector or remote control to turn on the device.

3. Focus and Keystone Correction

- **Focus:** Rotate the focus wheel located near the lens until the projected image appears sharp and clear.
- **Keystone Correction:** If the projected image appears trapezoidal (wider at the top or bottom), adjust the keystone correction wheel to square the image.

4. Connecting Devices

The NeoPix 100 offers multiple connectivity options:

- **HDMI:** Connect laptops, gaming consoles, TV boxes, or streaming dongles (e.g., Amazon Fire TV Dongle, Android TV dongle) to the HDMI1 or HDMI2 ports.
- **VGA:** Connect older computers or devices using the VGA port.
- **USB-A:** Insert a USB stick or external hard drive for multimedia playback.
- **USB-C:** (If applicable, check specific model for USB-C video input support) Connect compatible devices.
- **3.5mm Audio Jack:** Connect external speakers or headphones for enhanced audio.
- **Micro SD:** Insert a Micro SD card for multimedia playback.

5. Wi-Fi Screen Mirroring

To mirror your smartphone or laptop screen wirelessly:

1. Ensure your projector and device are connected to the same Wi-Fi network (2.4GHz or 5GHz).
2. Select the "Screen Mirroring" option from the projector's main menu.
3. Follow the on-screen instructions to connect your device. For iOS devices, use AirPlay; for Android, use Miracast or similar casting features.
4. *Note: Due to copyright protection, screen mirroring may not work with certain streaming services like Netflix or Amazon Prime Video.*

OPERATING INSTRUCTIONS

1. Power On/Off

- To power on, press the power button on the projector or the remote control.
- To power off, press the power button again. The projector will enter standby mode.

2. Input Source Selection

Use the "Source" button on the remote control or the projector's control panel to cycle through available input sources (HDMI1, HDMI2, VGA, USB, Micro SD, AV, Screen Mirroring).

3. Multimedia Playback

When a USB drive or Micro SD card is inserted, the projector's built-in media player will allow you to browse and play compatible files:

- Navigate through folders and files using the directional buttons on the remote or control panel.
- Press "OK" to select and play a file.
- Supported formats include MP4, RMVB, AVI, RM, MKV for video; MP3, WMA, OGG, AAC, FLAC, APE, WAV for audio; BMP, PNG, JPEG for images.

4. Audio Output

The NeoPix 100 features built-in Hi-Fi stereo speakers. For private listening or connecting to external audio systems, use the 3.5mm audio jack.

MAINTENANCE

1. Cleaning the Lens

Gently wipe the projector lens with a soft, lint-free cloth specifically designed for optical surfaces. Do not use abrasive cleaners or solvents.

2. Ventilation

Ensure the projector's ventilation openings are not blocked to prevent overheating. Do not place the projector on soft surfaces that may obstruct airflow.

3. Storage

When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and excessive dust. It is recommended to use the original packaging for storage.

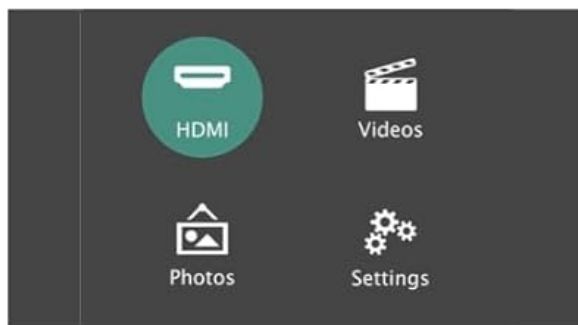
TROUBLESHOOTING

Problem	Possible Cause	Solution
No image projected	<ul style="list-style-type: none">• Power cable not connected.• Projector not powered on.• Incorrect input source selected.• Source device not outputting signal.	<ul style="list-style-type: none">• Ensure power cable is securely connected.• Press the power button.• Select the correct input source (HDMI, VGA, USB, etc.).• Check the source device's power and video output settings.
Image is blurry	<ul style="list-style-type: none">• Focus not adjusted.• Projector too close or too far from screen.	<ul style="list-style-type: none">• Adjust the focus wheel.• Ensure projector is within optimal projection distance (refer to specifications).
Image is trapezoidal	<ul style="list-style-type: none">• Keystone correction needed.	<ul style="list-style-type: none">• Adjust the keystone correction wheel.
No sound	<ul style="list-style-type: none">• Volume too low or muted.• External audio device not connected properly.• Source device audio output issues.	<ul style="list-style-type: none">• Increase volume or unmute.• Check connections to external speakers/headphones.• Verify audio settings on the source device.
Wi-Fi Screen Mirroring not working with certain apps	<ul style="list-style-type: none">• Content is copyright protected.	<ul style="list-style-type: none">• This is a limitation due to digital rights management (DRM). Use an HDMI cable for such content.

SPECIFICATIONS



NeoPix 100



Specifications

Technology

Display technology: LCD
Light source: LED
LED light sources: last over 30.000 hours
Contrast ratio: 3000:1
Resolution: 800 x 480 pixel
Resolution supported: 1920 x 1080 pixel
Throw ratio: 1.49:1
Screen size (diagonal): 20" to 65"
Screen distance: 80 cm to 200 cm / 24"-60"
Aspect ratio: 16:9
Focus adjustment: manual
Vertical Keystone adjustment: manual

Connection

USB: mass storage
HDMI: x2
VGA: x1
AV in: x1
Output audio: 3.5 mm audio out jack for
headphones
MicroSD: x1

Sound

Internal Speaker: 2x3 Watt
Noise level: 43dB

Integrated Media Player

Supported video formats: container: MP4, RMVB,
AVI, RM, MKV
Supported audio formats: MP3, WMA, OGG, AAC,
FLAC, APE, WAV
Supported photos formats: BMP, PNG, JPEG

Dimensions

Unpacked(WxDxH):158x205x78mm /6.2x8x3 inch
Weights: 880g / 1.94lbs

Standard Package Includes

Projector
Remote control
Quick start guide with Warranty card
AC adapter
Battery

Models	NPX100/INT	NPX100/AP1
EAN	7640186960458	7640186960465
UPC	667619992944	



Figure 4: Official specifications overview for the NeoPix 100.

Feature	Detail
Product Dimensions	6.69 x 5.91 x 4.72 inches (170 x 150 x 120 mm)
Item Weight	2.2 pounds (0.88 kg)
Display Technology	LCD
Light Source	LED (Lifespan up to 30,000 hours)
Native Resolution	800 x 480 pixels
Supported Resolution	Up to 1920 x 1080 pixels (Full HD)
Contrast Ratio	3000:1
Screen Size (Diagonal)	20" to 65"
Screen Distance	80 cm to 200 cm (24"-60")
Aspect Ratio	16:9
Focus Adjustment	Manual
Vertical Keystone Adjustment	Manual
Connectivity	HDMI (x2), VGA, USB (x1), AV In (3.5mm jack), Micro SD (x1), USB mass storage
Audio Output	3.5mm audio out jack for headphones
Internal Speaker	2x3 Watt
Noise Level	43dB
Supported Video Formats	MP4, RMVB, AVI, RM, MKV
Supported Audio Formats	MP3, WMA, OGG, AAC, FLAC, APE, WAV
Supported Photo Formats	BMP, PNG, JPEG

WARRANTY AND SUPPORT

Your Philips NeoPix 100 projector comes with a warranty card included in the package. Please refer to this card for detailed information regarding warranty terms and conditions.

For technical support, troubleshooting beyond this manual, or warranty claims, please contact Philips customer service. Contact information can typically be found on the Philips official website or on the warranty card provided with your product.

Keep your purchase receipt and warranty card in a safe place as proof of purchase may be required for service.



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