

**PHILIPS**

NeoPix 120

Home Projector

# User Manual



Register your product and get support at  
[www.philips.com/support](http://www.philips.com/support)

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# Introduction

## Dear customer

Thank you for purchasing this projector.

We hope you enjoy this product and the many functions it offers!

## About this user manual

The quick start guide supplied with this product allows you to start using this product quickly and easily. Detailed descriptions can be found in the following sections of this user manual.

Read the entire user manual carefully. Follow all safety instructions in order to ensure proper operation of this product (**see General safety information, page 4**). The manufacturer accepts no liability if these instructions are not followed.

## Symbols used

### Notice



This symbol indicates tips that will help you use this product more effectively and easily.

### DANGER!



#### Danger of personal injury!

This symbol gives warning of danger of personal injury. Physical injury or damage can result from improper handling.

### CAUTION!

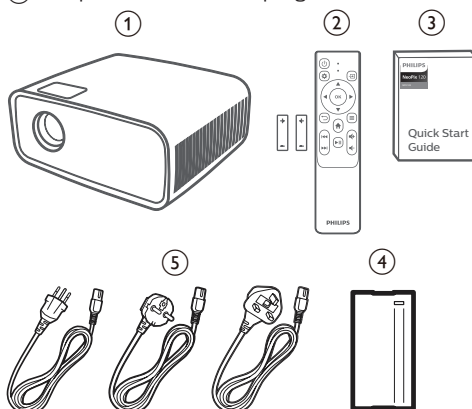


#### Damage to the product or loss of data!

This symbol gives warning of damage to the product and possible loss of data. Damage can result from improper handling.

## What's in the box

- ① NeoPix 120 projector (NPX120/INT)
- ② Remote control with 2 AAA batteries
- ③ Quick Start Guide with Warranty Card
- ④ AC adapter
- ⑤ AC power cables with plugs x 3



## Customer service centre

The Support page, warranty card, and user manuals can be found here:

**Web:** [www.philips.com/support](http://www.philips.com/support)

### Support Contacts:

International Phone: +41 215 391 665

Please ask your provider for international call costs!

**Mail:** [philips.projector.eu@screeneo.com](mailto:philips.projector.eu@screeneo.com)

### Access our FAQ websites:

<https://support.philipsprojection.com>

<https://community.philipsprojection.com>

# 1 General safety information

Take note of all warning and safety notes indicated. Do not make any changes or settings that are not described in this user manual. Incorrect operation, and improper handling can lead to physical injury, damage to the product or loss of data.

## Setting up the product

This product is for indoor use only. Place the product securely on a stable, flat surface. To help avoid possible injuries to persons or damage to the product itself, position all cables in such a way that no one will trip over them.

Do not operate the product in damp rooms. Never touch the mains cable or the mains connection with wet hands.

Never operate the product immediately after moving it from a cold location to a hot location. When the product is exposed to such a change in temperature, moisture may condense on the crucial internal parts.

The product must have sufficient ventilation and must not be covered. Do not put the product in closed cabinets, boxes, or other enclosures when in use.

Protect the product from direct sunlight, heat, intense temperature fluctuations and moisture. Do not place the product in the vicinity of heaters or air conditioners. Observe the information on temperature listed in the technical data (**see Technical data, page 19**).

Prolonged operation of the product causes the surface to become hot. In case of overheating, the product automatically switches to standby mode.

Do not allow liquids to leak into the product. Turn off the product and disconnect it from the mains supply if liquids or foreign substances leaked into the product. Have the product inspected by an authorised service centre.

Always handle the product with care. Avoid touching the lens. Never place heavy or sharp objects on the product or on the power cable.

If the product gets too hot or emits smoke, shut it down immediately and unplug the power cable. Have your product checked by an authorised service centre. Keep the product away from open flames (e.g. candles).

### **! DANGER!**



#### **Risk of explosion with incorrect type of batteries!**

There is a risk of explosion if the wrong battery type is used.

Do not expose the batteries (battery pack or embedded batteries) to excessive heat such as sunshine, or open fire.

Under the following conditions, a layer of moisture can appear inside the product which can lead to malfunctions:

- if the product is moved from a cold to a warm area;
- after a cold room is heated;
- when the product is placed in a damp room.

Proceed as follows to avoid any moisture buildup:

- 1 Seal the product in a plastic bag before moving it to another room, in order for it to adapt to room conditions.
- 2 Wait one to two hours before you take the product out of the plastic bag.

The product should not be used in a very dusty environment. Dust particles and other foreign objects may damage the product.

Do not expose the product to extreme vibrations. This may damage the internal components.

Do not allow children to handle the product without supervision. The packing materials should be kept out of the hands of children.

For your own safety, do not use the product during thunderstorms with lightning.

## Repairs

Do not repair the product yourself. Improper maintenance can result in injuries or damage to the product. The product must be repaired by an authorised service centre.

Please find the details of authorised service centres on the warranty card supplied with this product.

Do not remove the type label from this product, as this will void the warranty.

## Power supply

Use only a power adapter which is certified for this product (see **Technical data, page 19**). Check whether the mains voltage of the power supply matches the mains voltage available at the setup location. This product complies with the voltage type specified on the product.

The power outlet shall be installed near the product and shall be easily accessible.

### CAUTION!



Always use the  button to turn the projector off.

Turn off the product and unplug from the power outlet before cleaning the surface (see **Cleaning, page 16**). Use a soft, lint-free cloth. Never use liquid, gaseous or easily flammable cleaners (sprays, abrasives, polishes, alcohol). Do not allow any moisture to reach the interior of the product.

### DANGER!

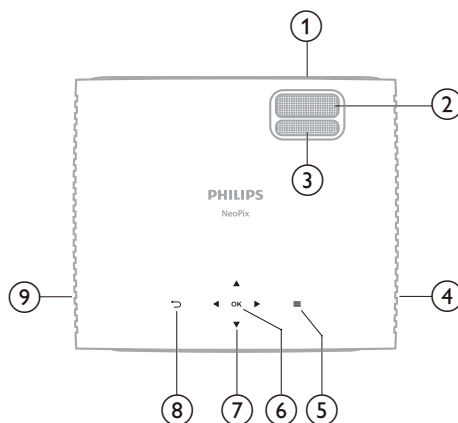






#### Risk of eye irritation!

This product is equipped with a high power LED (Light Emitting Diode), which emits very bright light. Do not look directly into the projector lens during operation. This could cause eye irritation or damage.

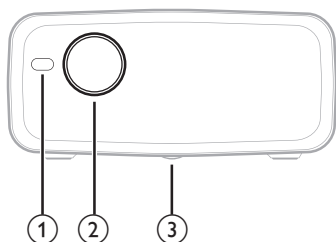
## 2 Overview

### Top view



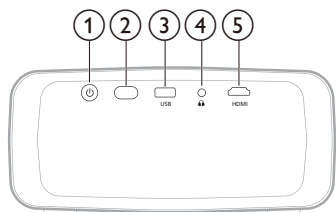
- ① **Projection lens**
- ② **Focus adjustment knob**  
Adjust image sharpness.
- ③ **Keystone adjustment knob**  
Adjust image shape.
- ④ **Right speaker**
- ⑤   
Quick access to the setup options (e.g. picture and sound options).
- ⑥ **OK**  
Confirm a selection or change the value for the current setting.
- ⑦ **Navigation buttons (Up, Down, Left, Right)**
  - Navigate items on the screen.
  - Press   to change the value for the current setting.
- ⑧   
Return to the previous screen or exit the current screen.
- ⑨ **Left speaker**



## Front view



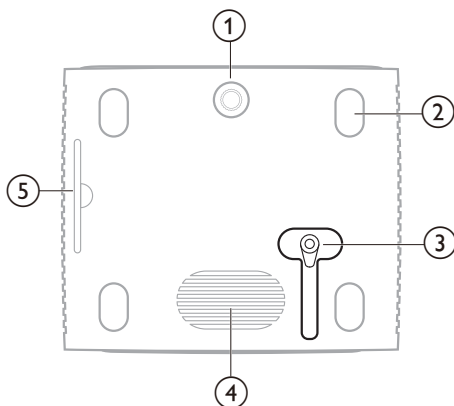
- ① **Front IR sensor**
- ② **Projection lens**
- ③ **Angle adjustment knob**
  - Turn the knob to adjust screen height
  - Unscrew the knob to reveal the screw hole for ceiling mount

## Rear view



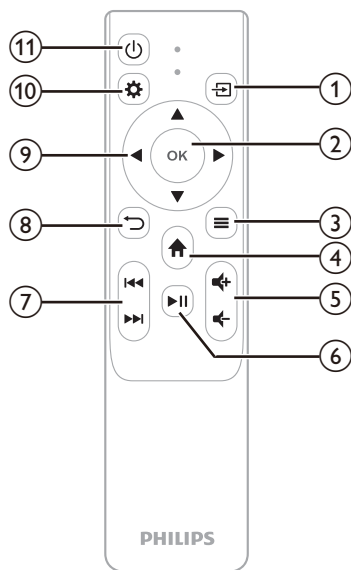
- ① 
  - Switch the projector on or to standby mode.
  - When the projector is on, the LED lights up in white.
  - When the projector is in standby mode, the LED lights up in red.
- ② **Rear IR sensor**
- ③ **USB**
  - Connect to a USB storage device/dongle.
- ④ 
  - 3.5 mm audio output; connect to external speakers or headphones.
- ⑤ **HDMI**
  - Connect to an HDMI™ output port on a playback device.











## Bottom view



- ① **Angle adjustment knob**
- ② **Anti-slip foot**
- ③ **DC power jack**
  - Connect to the AC adapter.
- ④ **Subwoofer**
- ⑤ **Removable air filter**


## Remote control



- ①  Display all the input sources and allow you to switch to a different input source.
- ② **OK** Confirm a selection or change the value for the current setting.
- ③  Display the current picture mode and allow you to change it. This button is enabled only when images are displayed on the screen.
- ④  Access the home screen.
- ⑤  Increase or decrease the volume.
- ⑥  Start, pause or resume media playback.
- ⑦  Skip to the previous or next media file.
- ⑧  Return to the previous screen or exit the current screen.
- ⑨ **Navigation buttons (Up, Down, Left, Right)**
  - Navigate items on the screen.
  - Press  to change the value for the current setting.
- ⑩  Quick access to the setup options (e.g. picture and sound options).
- ⑪  Switch the projector on or to standby mode.

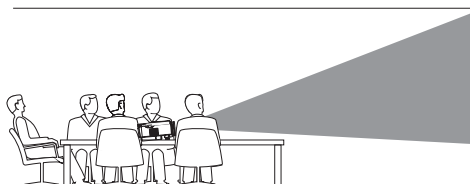
## 3 Initial setup



### Notice

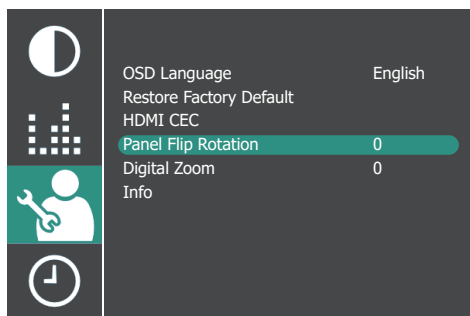
-  Make sure all devices are disconnected from their power supplies before establishing or changing any connections.

### Place the projector

- 1 Place the projector on a flat surface such as a table in front of the projection surface. This is the most common way to position the projector for quick setup and portability.




- 2 If the projection direction is incorrect, press  on the remote control to access the setup options, go to *Panel Flip Rotation* and press  or the **OK** button to select **O**.



### Connect to power supply

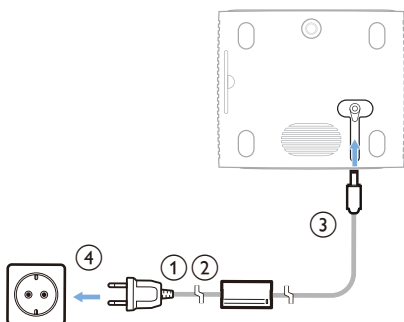
#### CAUTION!



Always use the  button to turn the projector on and off.

- 1 Select a supplied power cable with the correct plug (EU/UK/US).
- 2 Connect the power cable to the AC adapter.
- 3 Connect the AC adapter to the DC power jack at the bottom of the projector.

- 4 Connect the power cable to an electrical socket.
  - The power LED on the projector lights up in red.



## Prepare the remote control

### CAUTION!



The improper use of batteries can lead to overheating, explosion, risk of fire and injury. Leaking batteries can possibly damage the remote control.

Never expose the remote control to direct sunlight.

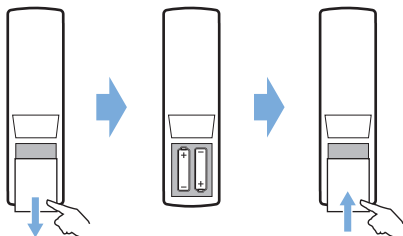
Avoid deforming, dismantling or charging the batteries.

Avoid exposure to open fire and water.

Replace empty batteries immediately.

Remove the batteries from the remote control if not in use for long periods of time.



- 1 Open the battery compartment.
- 2 Insert the supplied batteries (type AAA) with correct polarity (+/-) indicated.
- 3 Close the battery compartment.



- When using a remote control with infrared signals, point the remote control at the IR sensor on the projector, and make sure there is no obstacle between the remote control and the IR sensor.

## Power on and set up the projector

### Power on/off the projector

- To turn on the projector, press  on the projector/remote control. The power LED on the projector turns from red to white.
- To turn off the projector, press and hold  on the projector/remote control for 2 seconds or press this button twice. The projector enters standby mode and its power LED turns from white to red.
- To fully shut down the projector, disconnect the power cable from the electrical socket.



### Screen size adjustment

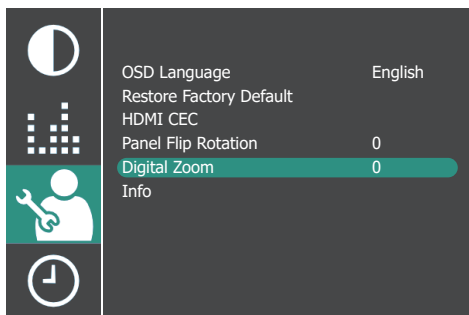
The projection screen size (or size of images) is determined by the distance between the lens of the projector and the projection surface.

This projector has a recommended projection distance of 212 cm (83"), and thus creates a maximum screen size of 65" (165 cm). The minimum distance from the wall is 88 cm (34").

### Digital zooming

You can use the digital zooming to reduce the screen size.

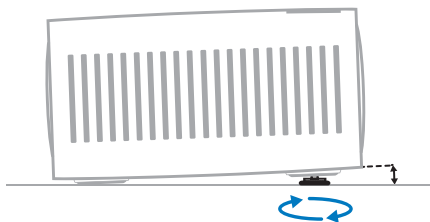
- 1 Press  on the remote control to access the setup options and go to *Digital Zoom*.
- 2 Press  or the **OK** button to adjust the screen size.





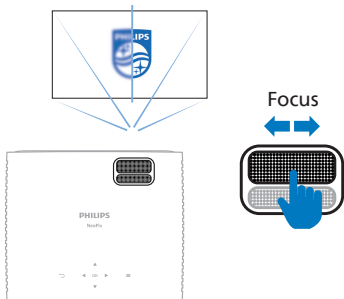
## Screen height adjustment

To adjust the screen height when placing the projector on a flat surface, turn the angle adjustment knob located at the bottom of the projector.



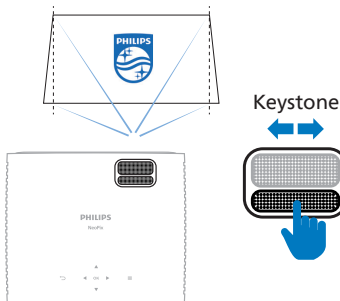
## Image focus adjustment

To adjust the image focus, turn the focus adjustment knob above the projection lens.



## Image shape adjustment

To adjust the image shape, turn the keystone adjustment knob above the projection lens.

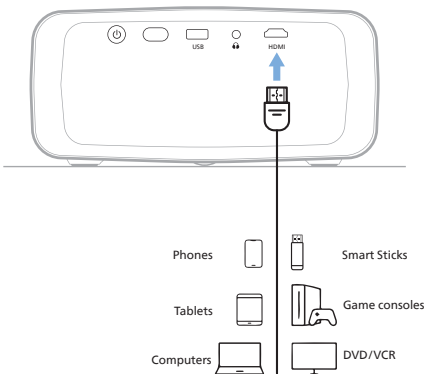



# 4 Connect to playback devices

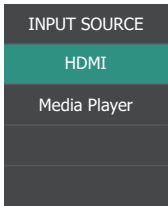
## Connect to devices through HDMI™

You can connect a playback device (e.g. a Blu-ray player, gaming console, camcorder, digital camera or PC) to the projector through HDMI™ connection. With this connection, images are shown on the projection screen, and audio is played on the projector.

- 1 Using an HDMI™ cable, connect the **HDMI** port on the projector to an HDMI™ output port on a playback device.



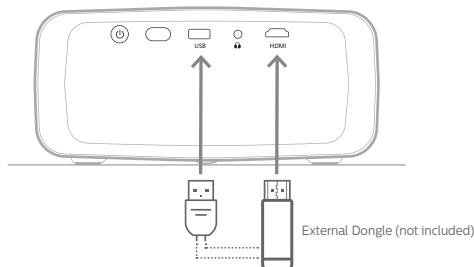
- 2 The projector should automatically switch to the correct input source. If not, press  on the remote control to bring up the input source list, and then select **HDMI**.




## Connect to a dongle

You can connect a dongle (e.g. Amazon Fire Stick, Roku Stick and Chromecast) to the projector to easily watch videos over the internet. With this connection, images are shown on the projection screen, and audio is played on the projector.

- 1 Connect the dongle to the projector's **HDMI** port using an HDMI™ cable.
- 2 Connect the dongle to the projector's **USB** port using a USB cable. **Note:** The maximum current supplied by this port is 5V2A.



- 3 The projector should automatically switch to the correct input source. If not, press  on the remote control to bring up the input source list, and then select *HDMI*.

## 5 Connect to external speakers or headphones

You can connect external speakers or headphones to the projector. With this connection, audio from the projector is played through the external speakers or headphones.

- The internal speakers of the projector are deactivated automatically when external speakers or headphones are connected to the projector.



### DANGER!

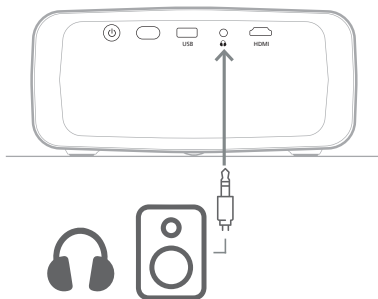


#### Danger of hearing damage!

Before connecting the headphones, turn down the volume on the projector.

Do not use the projector over a longer time at high volume – especially when using headphones. This could lead to hearing damage.

- 1 Using a 3.5 mm audio cable, connect the  jack on the projector to the analogue audio input (3.5 mm jack, or red and white jacks) on external speakers. Or connect the  jack on the projector to headphones.



- 2 After connecting the speakers or headphones, press the volume control buttons on the remote control to adjust the volume to the desired level.

## 6 Play media from USB storage devices

The projector has an integrated media player. Using this media player, you can play/view videos, audios or images stored on a USB storage device.

### Supported file formats

The integrated media player supports the following file formats.

- Video formats: MP4, RMVB, AVI, RM, MKV
- Audio formats: MP3, WMA, OGG, AAC, FLAC, APE, WAV
- Image formats: BMP, PNG, JPEG

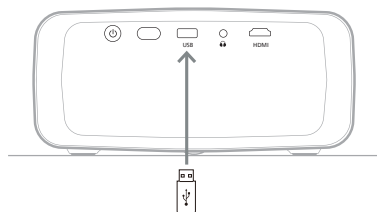
## Connect a USB storage device

### Notice



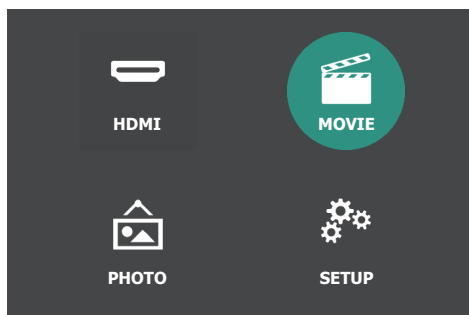
The projector supports a USB storage device that is formatted for FAT16 or FAT32 file system.

- 1 Make sure your USB storage device contains video or image files supported by the integrated media player.
- 2 Connect your USB storage device to the **USB** port on the projector.



## Play videos

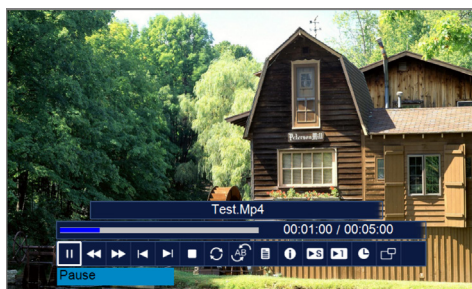
- 1 Go to the projector home screen by pressing **⬆** on the remote control and then select **MOVIE**.



- 2 Select **USB** to open the USB storage device. **Note:** Only supported video files are displayed on the screen. All folders and files are ordered alphabetically by name.
- 3 Press the navigation buttons on the remote control to select a video file or a folder. To open a selected folder, press the **OK** button. To return to the parent folder, select **Up Folder** on the screen. To exit the current folder and storage device, press **↶** on the remote control or select **RETURN** on the screen. If you select a video file and wait more than 3 seconds, the projector will begin playing a preview of the video from the beginning.
- 4 Press the **OK** button or **▶||** on the remote control to start playing the selected video file.
- 5 During video playback, press **▶||** on the remote control to pause or resume playback. Press **⏮** or **⏭** on the remote control to skip to the previous/next video file in the current folder.

While a video file is playing, you can press the **OK** button on the remote control to bring up the control bar at the bottom of the screen. To instantly hide the control bar, press **▼** or **↶**.

While the control bar is visible, press **◀▶** on the remote control to select an option and then press **OK** to confirm the action or change the value. To close the dialog box of an option, press **↶**.



The following options are available on the control bar:

- **Play/Pause:** Plays or pauses the video.
- **FB:** Rewinds the video quickly. The rewinding speeds range from 2X to 32X. When you move to the point you want, press ►|| to start playing at normal speed.
- **FF:** Fast-forwards the video. The forward speeds range from 2X to 32X. When you move to the point you want, press ►|| to start playing at normal speed.
- **Prev.:** Skips to the previous video in the current folder.
- **Next:** Skips to the next video in the current folder.
- **Stop:** Stops playing the video and returns to the list of video files in the current folder.
- **Repeat:** Toggles between the repeat options. If **Repeat None** is selected, the projector will stop playing videos after the last video file in the current folder has been played. If **Repeat 1** is selected, the projector will play the current video continuously. If **Repeat ALL** is selected, the projector will cycle through all the video files in the current folder continuously.
- **Set A/Set B/None:** Use this option to loop a segment of the video. To set the start point for the loop, press the **OK** button when you see **Set A**. Then **Set B** appears and you can press the **OK** button again to set the end point of the loop. After these 2 steps, the video will start playing in this loop. To deactivate the loop, press the **OK** button when you see **None**.
- **Playlist:** Select this option to pull up the list of all video files in the current folder in order to switch to another video or

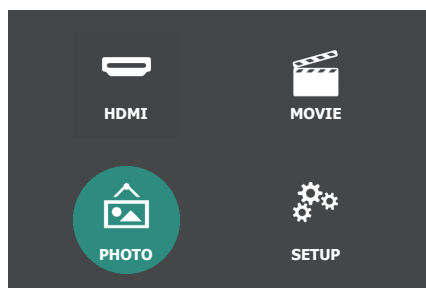
view the list without having to stop the playback.

- **Info:** Displays the information about the current video including resolution and size.
- **Slow Forward:** Plays the video in slow motion. The playing speeds range from 1/2X to 1/16X. Press ►|| to return to the normal playing speed.
- **Step Forward:** Freezes the video and allows you to play it frame by frame by pressing the **OK** button.
- **Goto Time:** Select this option to enter a video time (hours, minutes & seconds) for the projector to jump to. Use the navigation buttons on the remote control to enter the time.
- **Aspect Ratio:** Toggles between the available aspect ratios (16:9, 4:3 and Auto).

- 6 To stop playing a video file and return to the list of files in the current folder, press ⏮ on the remote control.

## View images

- 1 Go to the projector home screen by pressing ⬆ on the remote control and then select **PHOTO**.

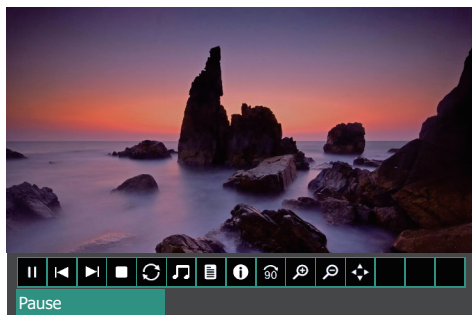


- 2 Select **USB** to open the USB storage device.  
**Note:** Only supported image files are displayed on the screen. All folders and files are ordered alphabetically by name.
- 3 Press the navigation buttons on the remote control to select an image file or a folder. To open a selected folder, press the **OK** button. To return to the parent folder, select **Up Folder** on the screen. To exit the current folder and storage device, press ⏮ on the remote control or select **RETURN** on the screen. If you select an image file and wait more than 3 seconds, the projector will show a preview of the image.

- 4 Press the **OK** button or **►||** on the remote control to start the slide show of all supported images in the current folder from the selected image.
- 5 During the slide show, press **►||** on the remote control to pause or resume the slide show. Press **◀◀/▶▶** on the remote control to skip to the previous/next image in the current folder.

While viewing an image, you can press the **OK** button on the remote control to bring up the control bar at the bottom of the screen. To instantly hide the control bar, press **▼** or **↵**.

While the control bar is visible, press **◀/▶** on the remote control to select an option and then press **OK** to confirm the action or change the value. To close the dialog box of an option, press **↵**.





The following options are available on the control bar:










- **Play/Pause:** Plays or pauses the slide show.
  - **Prev.:** Skips to the previous image in the current folder.
  - **Next:** Skips to the next image in the current folder.
  - **Stop:** Stops the slide show and returns to the list of image files in the current folder.
  - **Repeat:** Toggles between the repeat options. If **Repeat None** is selected, the projector will stop the slide show after displaying the last image file in the current folder. If **Repeat 1** is selected, the projector will display the current image in the slide show continuously. If **Repeat ALL** is selected, the projector will cycle through all the image files in the current folder continuously.
  - **Music:** Starts or stops playing supported audio files in the current folder.
  - **Playlist:** Pulls up the list of all image files in the current folder in order to select another image to restart the slide show from or view the list without having to stop the slide show.
  - **Info:** Displays the information about the current image including resolution and size.
  - **Rotate:** Pauses the slide show and rotates the current image clockwise by 90°.
  - **Zoom In:** Pauses the slide show and zooms in on the current image.
  - **Zoom Out:** Pauses the slide show and zooms out on the current image.
  - **Move View:** Moves the current image so that other parts of it are visible on the projection screen. This option is enabled only when the image has zoomed in to more than 100%. Press the navigation buttons on the remote control to move the image.
- 6 To stop the slide show and return to the list of files in the current folder, press **↵** on the remote control.

# 7 Change settings



This section helps you change the settings of the projector.




## Picture settings

- 1 Press  on the remote control.
- 2 Select a picture option, and then press  or the **OK** button to change the value.
  - *Picture Mode*: Select predefined color settings for picture or video display. Select *User* to customize the following settings:
    - *Contrast*: Set color contrast.
    - *Brightness*: Set color brightness.
    - *Color*: Set color saturation.
    - *Sharpness*: Set image sharpness.
  - *Color Temperature*: Set the color temperature.
  - *Aspect Ratio*: Set the screen aspect ratio.
  - *Noise Reduction*: Set the noise reduction level.


	Picture Mode	User
	Contrast	50
	Brightness	50
	Color	50
	Sharpness	50
	Tint	50
	Color Temperature	Medium
	Aspect Ratio	Auto
	Noise Reduction	Default







## Sound settings

- 1 Press  on the remote control.
- 2 Select a sound option, and then press  or the **OK** button to change the value.
  - *Sound Mode*: Select predefined sound settings for your video or music. Select *User* to boost or cut 5 sound frequencies (120 Hz, 500 Hz, 1.2 kHz, 3 kHz and 12 kHz).
  - *Balance*: Adjust the volume of the left and right speakers.
  - *Auto Volume*: Turn this on to reduce sudden changes in volume.



	Sound Mode	Standard
	Balance	0
	Auto Volume	Off







## Language settings

- 1 Press  on the remote control.
- 2 Select *OSD Language*, and then press the navigation buttons on the remote control to select your desired language for on-screen menu.




	OSD Language	English
	Restore Factory Default	
	HDMI CEC	
	Panel Flip Rotation	0
	Digital Zoom	0
	Info	

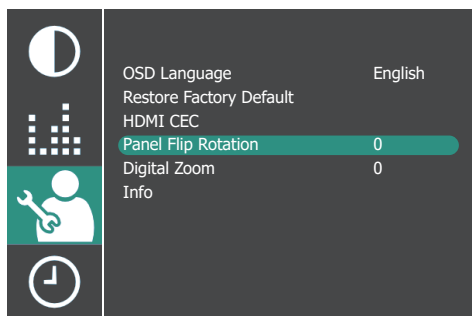
## Restore default settings

- 1 Press  on the remote control.
- 2 Select *Restore Factory Default*, and then press the **OK** button.
- 3 Press  to start restoring the projector to its factory default settings. The projector will turn off after the restoration.

	OSD Language	English
	Restore Factory Default	
	HDMI CEC	
	Panel Flip Rotation	0
	Digital Zoom	0
	Info	




## Rotate/flip projection screen

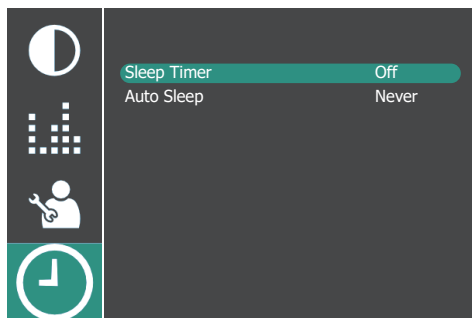
- 1 Press  on the remote control.
- 2 Select *Panel Flip Rotation*, and then press /  or the **OK** button to rotate or flip the projection screen.



## Set sleep timer




Select a period of time after which the projector turns off automatically. The default value is *Off*.

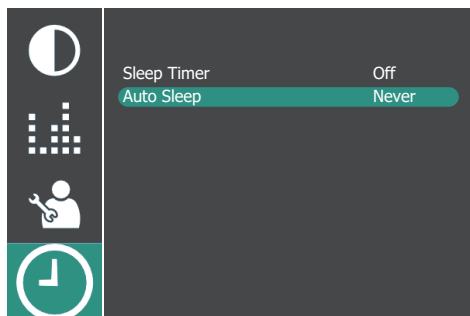
- 1 Press  on the remote control.
- 2 Select *Sleep Timer*, and then press /  or the **OK** button to select a period of time (in minutes).






## Set auto sleep

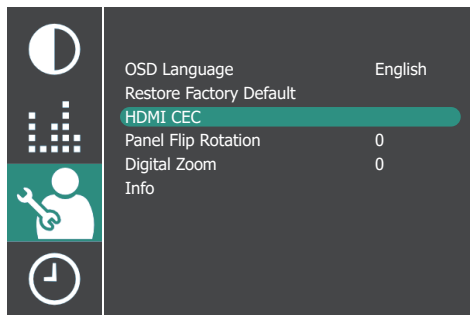
Select a period of time so that the projector turns off automatically after the selected period of inactivity. The default value is *Never*.

- 1 Press  on the remote control.
- 2 Select *Auto Sleep*, and then press /  or the **OK** button to select a period of time (in hours).



## HDMI™ CEC settings

- 1 Press  on the remote control.
- 2 Select *HDMI CEC*, and then press the **OK** button.
- 3 Select an HDMI™ CEC option, and then press /  to change the value.
  - *HDMI CEC*: Turn this on to activate the CEC function on the projector.
  - *Auto Standby*: If this is on, the connected CEC enabled devices will enter standby mode automatically after you turn off the projector.
  - *Device control*: Turn this on to use the projector's remote control to control the connected CEC enabled devices.
  - *Device List*: Press the **OK** button to search for and view the list of connected CEC enabled devices.



# 8 Maintenance

## Cleaning

### DANGER!



**Follow the following instructions when cleaning the projector:**

Use a soft, lint-free cloth. Never use liquid or easily flammable cleansers (sprays, abrasives, polishes, alcohol, etc.). Do not allow any moisture to reach the interior of the projector. Do not spray the projector with any cleaning fluids.

Wipe over the surfaces gently. Be careful that you do not scratch the surfaces.

## Cleaning the lens

Use a soft brush or lens cleaning paper for cleaning the lens of the projector.

### DANGER!




**Do not use any liquid cleaning agents!**

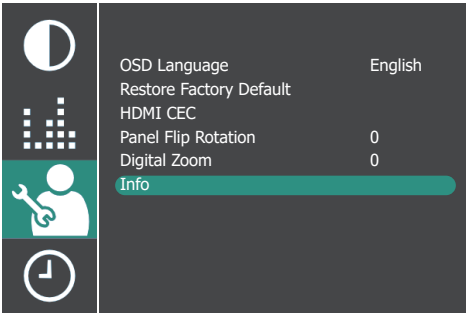
Do not use any liquid cleaning agents for cleaning the lens, to avoid damaging the coating film on the lens.

## Update software

The latest software for the projector can be found on [www.philips.com/support](http://www.philips.com/support) for you to get the best features and support from the projector.

Before you update the software of the projector, check the current software version:

- Press  on the remote control, select *Info*, and then press the **OK** button.



### CAUTION!



Do not turn off the projector or remove the USB flash drive during a software update.

## Update software through USB

- 1 Visit [www.philips.com/support](http://www.philips.com/support), find your product (model number: **NPX120/INT**), open its support page and locate "**Software & drivers**".
- 2 Download the software installation file to a USB flash drive. Unzip the downloaded file and save the resulting file in the root directory of the USB flash drive.
- 3 Turn off the projector and then connect the USB flash drive to the projector.
- 4 Turn on the projector. The software update will start automatically. The power LED on the projector blinks during the update.
- 5 Wait for the update to complete. The projector will turn off by itself after the update.
- 6 Disconnect the USB flash drive from the projector.



# 9 Troubleshooting

## Power cycling

If a problem occurs and you cannot resolve it using the instructions in this user manual, try the following steps to resolve the problem.

- 1 Turn the projector off by pressing  $\odot$  twice.
- 2 Wait at least 10 seconds.
- 3 Turn the projector on by pressing  $\odot$ .
- 4 If the problem persists, contact one of our customer service centres or your dealer.

Problem	Solution
The projector cannot be turned on.	<ul style="list-style-type: none"><li>• Disconnect and reconnect the power cable, and try to turn the projector on again.</li></ul>
The projector cannot be turned off.	<ul style="list-style-type: none"><li>• Press and hold <math>\odot</math> longer than ten seconds. If this does not work, disconnect the power cable.</li></ul>
No image from the external HDMI™ device.	<ol style="list-style-type: none"><li>1. Check if you have switched the input source to <i>HDMI</i>.</li><li>2. Disconnect the HDMI™ cable or switch off the HDMI™ device.</li><li>3. Wait <b>three</b> seconds.</li><li>4. Reconnect the HDMI™ cable or switch on the HDMI™ device again.</li></ol>
No sound from the external connected device.	<ul style="list-style-type: none"><li>• Check the cables to the external device.</li><li>• Check that the sound is activated on the external device.</li><li>• Only the original cables from the device manufacturer may function.</li></ul>
No sound from external HDMI™ output device.	<ul style="list-style-type: none"><li>• On the HDMI™ output device, set the audio setting to Multichannel (Raw data) &amp; Stereo (PCM).</li></ul>
No sound when you connect your computer using an HDMI™ cable.	<ul style="list-style-type: none"><li>• Check that the sound is activated on the computer.</li></ul>
Only the home menu appears and not the image from the external device.	<ul style="list-style-type: none"><li>• Check if the cables are connected to the correct sockets.</li><li>• Check that the external device is turned on.</li><li>• Check if the video output of the external device is turned on.</li></ul>
Only the home menu appears and not the image from the connected computer.	<ul style="list-style-type: none"><li>• Check that the HDMI™ output of the computer is turned on.</li><li>• Check if the resolution of the computer is set to 1920*1080.</li></ul>
The projector turns itself off.	<ul style="list-style-type: none"><li>• When the projector is running for a long period of time, the surface becomes hot.</li><li>• Check that the power cable is connected correctly.</li></ul>
The projector cannot read the USB storage device.	<ul style="list-style-type: none"><li>• The projector does not support the exFAT file system.</li><li>• Format the USB storage device in FAT32 or NTFS format, then use it.</li></ul>

Problem	Solution
The projector does not react to remote control commands.	<ul style="list-style-type: none"> <li>• Check the batteries of the remote control.</li> </ul>
The temperature of the projector's surface is warm.	<ul style="list-style-type: none"> <li>• For this projector it is normal to generate moderate heat during operation.</li> </ul>
The projector does not work after I connect it to a laptop.	<ul style="list-style-type: none"> <li>• Check that the HDMI™ cable is plugged in correctly.</li> <li>• Make sure that the laptop has been switched to projector display.</li> </ul>
Black / White Pixels	<p>An LCD display may contain a small number of pixels that do not function normally (also known as “dead pixels” or “black pixels”). Your display has been inspected and is in compliance with the manufacturer's specifications, meaning that any pixel defects do not affect the operation or use of your display. Without prejudice to generality of the foregoing, dead pixels or black pixels not exceeding 5 dots meet the factory specifications and are not considered a defect under this warranty.</p> <p>Concerning dust:</p> <p>Dust may appear during the use of a projector. Without prejudice to generality of the foregoing, dust spots not exceeding 3 dots meet the factory specifications and are not considered a defect under this warranty. Please clean the lens with a gentle specific glass tissue. You can also push dry air into the product by the side holes in order to clean the optical engine inside.</p>

# 10 Appendixes

## Technical data

### Technology/optical

Display technology .....	LCD
Light source .....	single LED W
Lumens.....	100
Resolution.....	1280 x 720 pixels
Resolution supported .....	1920 x 1080 pixels
LED lifetime .....	over 30,000 hours
Contrast ratio .....	3000:1
Aspect ratio .....	16:9
Throw ratio.....	1.47:1
Screen size (diagonal).....	up to 65"
Screen distance.....	83" / 212 cm for 65" screen
Projection modes .....	4
Focus adjustment.....	manual
Keystone correction .....	manual
Digital zoom .....	yes
Sleep timer.....	yes

### Sound

Built-in speakers.....	2 x 5 W
Speaker type .....	2.1 stereo
Equalization.....	yes

### Connection

HDMI™ in.....	x1
USB-A (5 V/2 A out + external drive).....	x1
3.5 mm audio out .....	x1

### Power source

Power consumption .....	operating: 72 W
.....	standby: 0.3 W
AC adapter.....	
.....Input: AC 100-240 V, 50/60 Hz, 1.4 A (Max)	
.....	Output: DC 24.0 V, 3.0 A, 72.0 W

### Multimedia player

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

### Dimensions and weight

Unpacked (W x D x H).....	225 x 190 x 102 mm
Packed (W x D x H) .....	263 x 220 x 160 mm
Net weight.....	860 g / 1.89 lb
Gross weight.....	1.9 kg / 4.18 lb

### Temperature requirements

Operating temperature.....	5 °C - 35 °C
Storage temperature .....	< 60 °C

### Package contents

1. NeoPix 120 projector
2. Remote control
3. AC adapter
4. Power cables (EU, UK, US)
5. AAA batteries for remote control
6. Quick Start Guide with Warranty Card

### Model

NPX120/INT
EAN: 7640186961592
UPC: 793565993640

## CE statement

- The product shall only be connected to a USB interface of version USB 2.0 or higher.
- Adapter shall be installed near the equipment and shall be easily accessible.
- The operating temperature of the EUT can't exceed 35°C and shouldn't be lower than 5°C.
- The plug is considered as disconnect device of adapter.

Hereby, Screeneo Innovation SA declares that this product is in compliance with essential requirements and other relevant provisions of Directive 2014/53/EU.



The Declaration of Compliance can be consulted on the site [www.philips.com](http://www.philips.com).

## FCC statement

### 15.19 Labeling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### 15.21 Information to the user.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### 15.105 Information to user.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference

to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC ID: 2ASRT-NPX120

## Canada regulatory compliance

This device complies with Industry Canada CAN ICES-3 (B)/NMB-3(B)

**RSS-Gen & RSS-247 statement:** This device complies with Industry Canada RSS standard(s).

Operation is subject to the following two conditions:

- 1 This device may not cause interference, and
- 2 This device must accept any interference, including interference that may cause undesired operation of the device.

## Other notice

Preservation of the environment as part of a sustainable development plan is an essential concern of Screeneo Innovation SA. The desire of Screeneo Innovation SA is to operate systems respecting the environment and consequently it has decided to integrate environmental performances in the life cycle of these products, from manufacturing to commissioning use and elimination.

**Batteries:** If your product contains batteries, they must be disposed of at an appropriate collection point.



**Product:** The crossed-out waste bin symbol on the product means that the product belongs to the family of electrical and electronic equipment. In this respect, the European regulations ask you to dispose of it selectively:

- At sales points in the event of the purchase of similar equipment.
- At the collection points made available to you locally (drop-off centre, selective collection, etc.).

In this way you can participate in the reuse and upgrading of Electrical and Electronic Equipment Waste, which can have an effect on the environment and human health.

The paper and cardboard packaging used can be disposed of as recyclable paper. Have the plastic wrapping recycled or dispose of it in the non-recyclable waste, depending on the requirements in your country.

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