

**PHILIPS**

**Screeneo UL5 Smart**

Ultra Short Throw Projector

# User Manual



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[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!

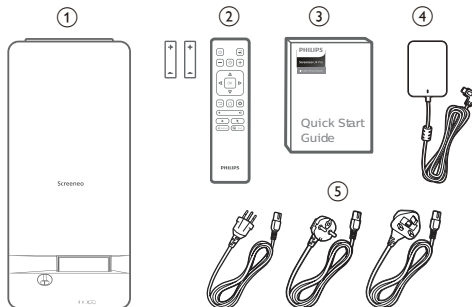


#### **Damage to the product or loss of data!**

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 Screeneo UL5 Smart projector (SCN355/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 20**).

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).

The remote control is with batteries (type AAA).

### ! 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 to excessive heat such as sunshine, or open fire. Do not expose the batteries to low air pressure at high altitude.

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 20**). 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!

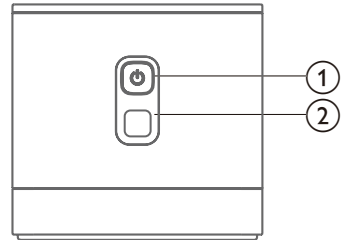


#### Risk of eye irritation!

This product is equipped with a high power RGB laser, which emits very bright light. Do not look directly into the projector lens during operation. This could cause eye irritation or damage.

## 2 Overview

### Front view

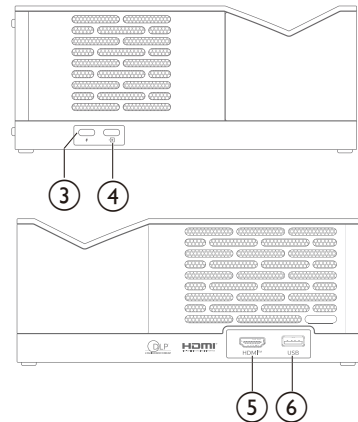


#### ①

- 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 IR sensor

### Side view



#### ③ **USB-C**

Connect to the AC adapter.

#### ④ **USB-C**

Connect to a USB-C port on a playback device.

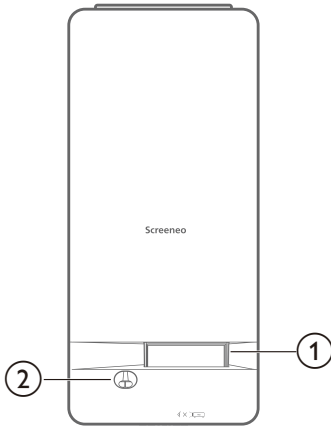
#### ⑤ **HDMI**

Connect to an HDMI™ output port on a playback device.

#### ⑥ **USB-A**

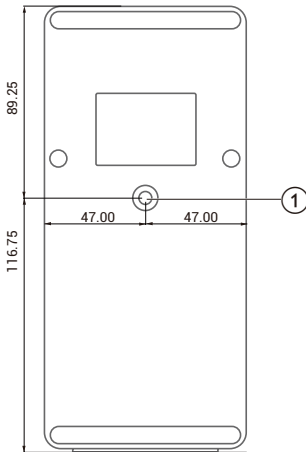
Connect to a USB storage device/dongle.

## Top view



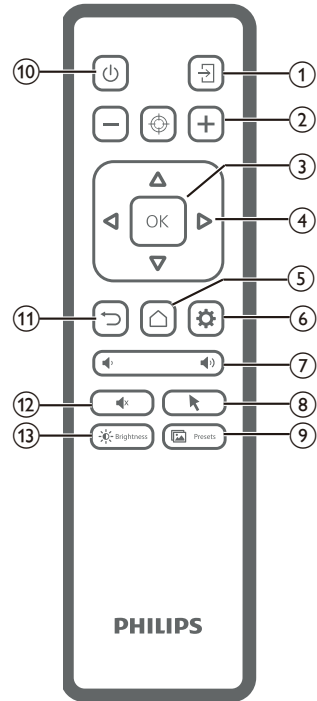
- ① Projection lens
- ② Autofocus sensor

## Bottom view



- ① **Tripod socket**  
Screw size: M6 (max. length = 20 mm; min. length = 15 mm)

## Remote control



- ① Switch to a different input source.
- ② Adjust the focus automatically or manually.
- ③ **OK**  
Confirm a selection on the screen.
- ④ **Navigation buttons (Up, Down, Left, Right)**
  - Navigate items on the screen.
  - Press ▲/▼ to change the value for the current setting.
- ⑤ Access the home screen.
- ⑥ Access the projector's settings menu.
- ⑦ Increase or decrease the volume.
- ⑧ Launch the mouse function. Press OK to click. Press any navigation button will stop the Mouse or press again the mouse key will make it disappear. --> Press the mouse

key will freeze the cursor. Press it again to unfreeze the cursor.

9  Presets

Toggle between different picture presets.

10 

Switch the projector on or to standby.

11 

- Return to the previous screen or exit the current screen.
- Open the sidebar when home screen displays.

12 

Mute the speakers.

13  Brightness

Toggle between different brightness modes.

## 3 Initial setup

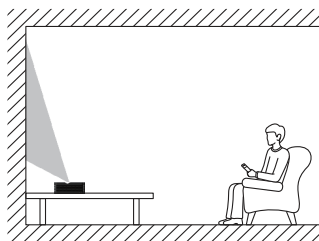
### Notice




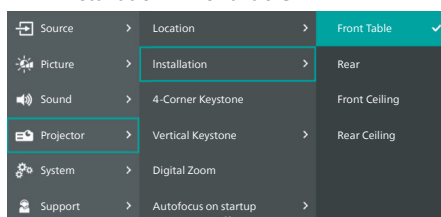
Make sure all devices are disconnected from their power supplies before establishing or changing any connections.

## 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 projector's settings menu and select *Projector* > *Installation* > *Front Table*.



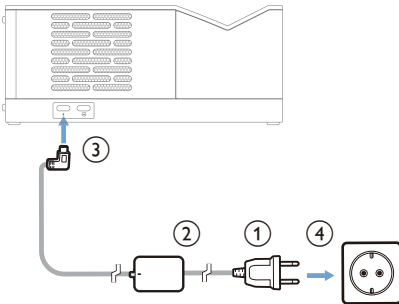
# Connect to power supply

## 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 **USB-C port** on 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.

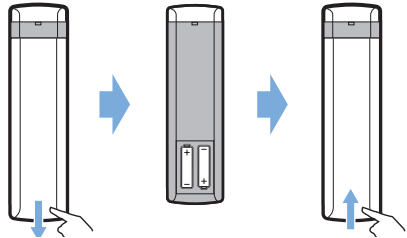
Avoid exposure to open fire and water.

Replace empty batteries immediately.

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

Dispose of the used batteries according to the manufacturer's instructions and local environment regulations for your region.




- 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 and hold  on the projector for 2 seconds or press  on the 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.

## Set up the projector system

When you turn on the projector for the first time or after it was reset to its factory default settings, the projector system will start and prompt you to set it up by making some basic settings.

After the setup, you can start using the projector or continue to make other adjustments.

### Step 1: Select the display language

Press the down or up navigation button on the remote control to select your preferred display language and press the **OK** button to confirm.

**Note:** The default display language is **English** and not all languages are available.

## Step 2: Set the date and time


Press the down or up navigation button on the remote control to set the values for the date and time. Press the right or left navigation button to move to the next or previous value.

## Step 3: Pair the remote control

Follow the on-screen instructions to pair the remote control with the projector.

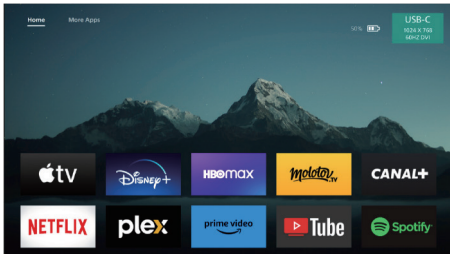
## Step 4: Set up Wi-Fi

Connect the projector to your Wi-Fi network to enjoy online content, or to use screen mirroring.

Press the  button on the remote control from the home screen.

When you see the main menu, select "WiFi" and select the available network you want to connect.

You will see the home screen shown below after completing the setup.






## Screen size adjustment

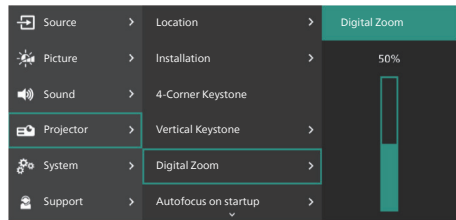
The projection screen size (or size of images) is determined by the distance between the lens of the projector and the projection surface.

This projector has a projection distance of 17.1 mm to 216.1 mm, and thus creates a screen size of 40" to 80".

### Digital zooming




You can use the digital zooming function to reduce the screen size by up to 50%.

- 1 Press  on the remote control to access the settings menu, go to *Projector > Digital Zoom* and press the **OK** button.
- 2 Press / to adjust the screen size. The changes take effect immediately.



## Image focus adjustment


You can let the projector automatically adjust the image focus for you or adjust it manually.

- To automatically adjust the image focus, press  on the remote control. The projector automatically adjusts the image focus for first time usage.
- To manually adjust the image focus, press  or  on the remote control.


## Image shape adjustment

You can adjust the image shape manually.

To manually adjust the image shape:

- 1 Press  on the remote control to access the settings menu, go to *4-Corner Keystone* and press the **OK** button.
- 2 Follow the on-screen instructions to adjust the image shape.

Or, you can also do the following:

- 1 Press  on the remote control to access the settings menu, go to *Vertical Keystone* and press the **OK** button.
- 2 Select *Manual* from the list of options.
- 3 Follow the on-screen instructions to adjust the image shape.

## 4 Connect to playback devices

### Notice

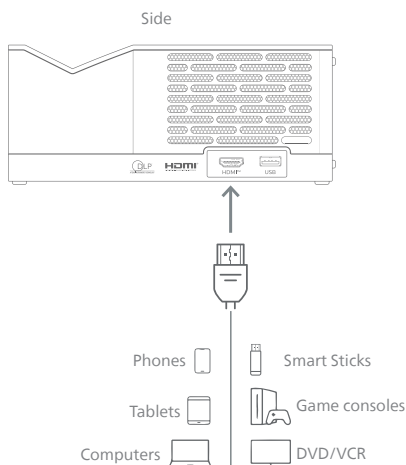



Make sure all devices are disconnected from their power supplies before establishing or changing any connections.

## 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.

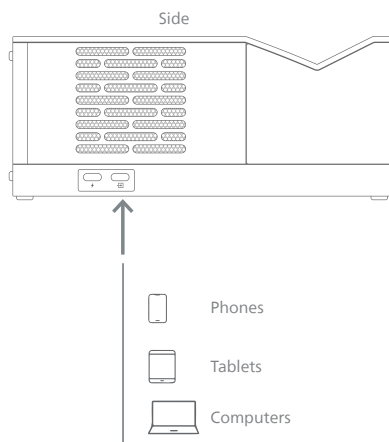



- 2 If the projector does not automatically switch to the correct input source, press  on the remote control to switch the input source to **HDMI**.

## Connect to devices through USB-C

You can connect a playback device (e.g. a smart device or PC) to the projector through USB-C connection. With this connection, images are shown on the projection screen, and audio is played on the projector.

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





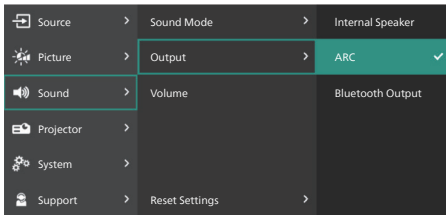
- 2 If the projector does not automatically switch to the correct input source, press  on the remote control to switch the input source to **USB C**.

## Connect to devices through HDMI™ ARC

The **HDMI** port on the projector supports Audio Return Channel (ARC). You can connect a compatible audio system (e.g. a home cinema system, AV receiver or sound bar) to the projector through HDMI™ ARC connection. With this connection, audio is streamed to the connected audio system.

**Tip:** To get 5.1 surround sound, you typically need to connect the projector to a 5.1 home cinema system.

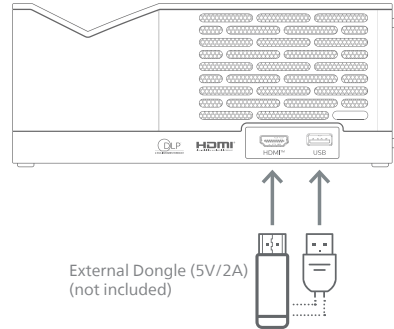
- 1 Using an HDMI™ cable, connect the **HDMI** port on the projector to the HDMI™ ARC port on a compatible audio system.
  - The HDMI™ ARC port on your audio system might be labeled differently. See the documentation supplied with the device for more information.
- 2 If the projector does not automatically switch to the correct input source, press  on the remote control to switch the input source to **HDMI**.
- 3 To activate the HDMI™ ARC function on the projector, press  on the remote control to access the settings menu, go to **Audio Output**, press the **OK** button and select **ARC** from the list of options.




## Connect to a dongle

You can connect a dongle (e.g. Amazon Fire Stick, Roku Stick or 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 a dongle to the projector's **HDMI** port using an HDMI™ cable.
- 2 Connect the dongle to the projector's **USB-A** port using a USB cable.



- 3 If the projector does not automatically switch to the correct input source, press  on the remote control to switch the input source to **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.

## Bluetooth connection

The projector is equipped with Bluetooth technology, allowing you to connect to headphones or external speakers.


Before you can use the projector with Bluetooth speakers or headphones for the first time, you must pair the projector with them. The projector will automatically connect to a device as soon as they are paired.

### **Notice**




Be sure that the Bluetooth device is no farther than 10 m (33 ft) from the projector when connecting the two.

Even when connecting within the specified communication distance, connections can be lost due to the signal status.

- 1 Make sure the projector is on.
  - 2 Turn on your Bluetooth speaker or headphones and make sure it is in pairing mode. Press the pairing button on the device, if needed. See the documentation supplied with the device for more information.
  - 3 Press the  button on the remote control to pair the projector with the device.
- Once you press this button, the projector enters pairing mode and displays "Searching" on the screen. Also, its power LED blinks in light blue.
  - When the pairing is complete, the projector briefly displays "Paired successfully" on the screen, as well as the name of the paired device. Also, its power LED turns solid light blue.
  - If no pairing is created, the projector will automatically exit pairing mode in 10 seconds.

### **Tips:**

- The projector will automatically switch its audio output to Bluetooth output after connecting to a Bluetooth device.
- After connecting a Bluetooth device, press  on the remote control to adjust the volume to the desired level.

### **Disconnect a Bluetooth device**

Use one of the following methods to disconnect a Bluetooth device from the projector but leave it paired.

The projector automatically switches its audio output to internal speaker when no Bluetooth device is connected.

- Terminate the Bluetooth connection from the Bluetooth device, or turn off the Bluetooth device. The projector will briefly display "Disconnected" on the screen.
- Turn off the projector.

### **Reconnect a Bluetooth device**

Once you pair and connect a Bluetooth device to the projector using the steps above, the projector will automatically reconnect unless the Bluetooth device gets unpaired or turned off. The projector briefly displays "Paired successfully" on the screen after a reconnection.

### **Unpair a Bluetooth device**

This will remove the Bluetooth device from the projector's memory. You'll need to pair and connect this device to use it again.

To unpair a Bluetooth device connected to the projector, select it from the list of paired devices and then press the **OK** button.

To unpair a Bluetooth device not connected to the projector, select it from the list of paired devices and then press the **OK** button twice.

# 6 Media playback

The projector has an integrated VLC. Using this media player, you can access and play video and audio files stored in the projector's internal memory or a USB storage device.

## Notice



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

## Supported media file formats

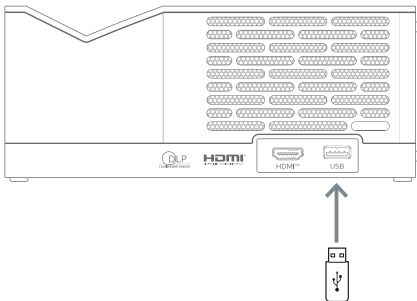
Most video and audio formats are supported, including MKV, MP4, AVI, MOV, Ogg, FLAC, TS, M2TS, WAV, AAC and MP3.

## How to navigate the user interface of the media player

- Use only the remote control.
- Press the navigation buttons (Up, Down, Left, Right) to move between items on the screen.
- Press the **OK** button to confirm or open the selected item.
- Press **↶** to return to the previous screen or exit the current screen.

## Play videos from USB storage devices

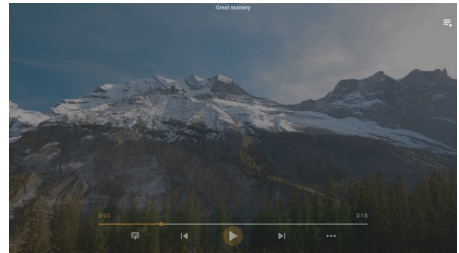
- 1 Connect a USB storage device to the **USB-A** port on the projector.



- 2 Go to the projector's home screen by pressing **⏠** on the remote control and then select **File manager**.
- 3 Select **Browsing** from the left navigation pane, and then select and open the folder for the USB storage device, which is to the right of the **Internal memory** folder.

- 4 Select a media file. **Note:** Only supported media files are displayed on the screen. All folders and files are ordered alphabetically by name.
- 5 Press the **OK** button to start playing the selected media file.
- 6 During the playback, press the **OK** button to pause the playback and bring up the control bar at the bottom of the screen. Press the **OK** button again to resume the playback and hide the control bar. Press **⏮** to go 10 seconds backward or forward. To adjust the volume, press **⏮**/**⏭**.







During the playback, you can press **▼** to temporarily bring up the control bar at the bottom of the screen. You can also press **▲** to bring up the more options menu on the right of the screen. To instantly hide the control bar or the more option menu, press **↶**.



While the control bar is visible, press the navigation buttons to select an option and then press the **OK** button to confirm the option or change the value. To close the dialog box of an option, press **↶**.

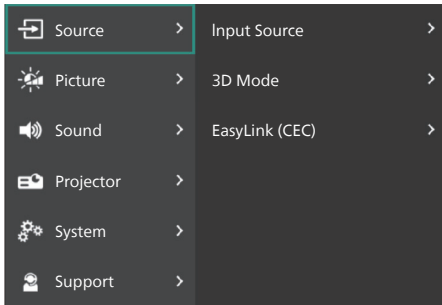
- 7 To stop the playback and return to the list of files in the current folder, press **↶**.

# 7 Change settings

- 1 Press  on the remote control to access the projector's settings menu.
- 2 Use the navigation buttons and the **OK** button to select a menu item.
- 3 Press / or / to select a value for the menu item.
- 4 Press the **OK** button to make the change.  
**Note:** For some menu items such as Digital Zoom, the change takes effect once you select a different value.
- 5 Press  one or more times to exit the projector's settings menu.

## Source settings

You can view and change the following source settings.

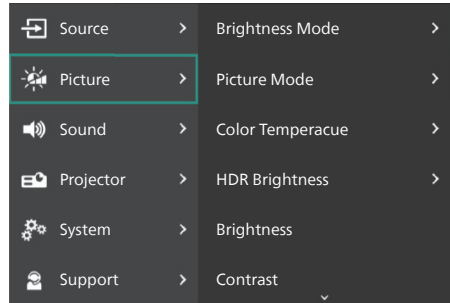




- **Input Source:** Select the projector's input source.
  - **Philips OS:** Select this to use the Philips OS. This is the default value.
  - **HDMI:** Select this when your device is connected to the projector's **HDMI** port.
  - **USB C:** Select this when your device is connected to the projector's **USB C** port.
- **3D Mode:** Select the input signal's 3D format when the input source is **HDMI** or **USB C**.
  - **Off:** Select this when the input signal is of 2D format. This is the default value.
  - **Side-by-Side:** Select this when the 3D input signal is of the side by side format.
  - **Top/Bottom:** Select this when the 3D input signal is of the top/bottom format.
  - **L/R Inverted:** If you have problems with the left and right eye reversed when using 3D glasses, please adjust **L/R Inverted** from default **OFF** to **ON**.

- **EasyLink (CEC):** Turn HDMI™ CEC (Consumer Electronics Control) on or off. The default value is *Enable*.

## Picture settings

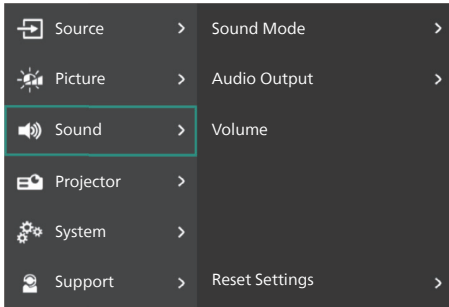
You can view and change the following picture settings.



- **Brightness Mode:** Set the brightness mode to *Normal* or *Bright*. **Tip:** You can more quickly change the brightness mode by pressing  **Brightness** on the remote control.
- **Picture Mode:** Select a predefined color brightness setting for picture and video display, or select *User* to customize color values on brightness, contrast, saturation, hue and sharpness. **Tip:** You can more quickly change the picture preset by pressing  **Presets** on the remote control.
- **Color Temperature:** Select *Warm* to enhance warm colors such as red; select *Cool* to make picture bluish; select *Standard* for a moderate color temperature; select *User* to customize values on red, green and blue.
- **HDR Brightness:** Set the brightness for high dynamic range (HDR).
- **Brightness:** Adjust the display brightness.
- **Contrast:** Adjust the display contrast.
- **Saturation:** Adjust the video saturation of selected primary color.
- **Hue:** Adjust the video hue of selected primary color.
- **Sharpness:** Select different sharpness level.
- **Color Calibration:** Adjust the gain of selected primary color.
- **Reset Settings:** Reset the Picture settings to default.

## Sound settings

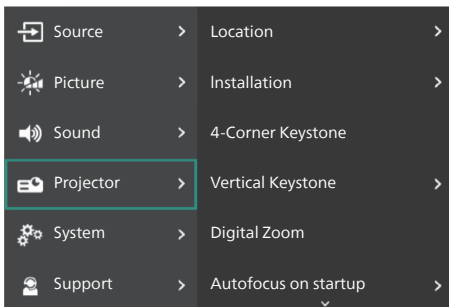
You can view and change the following sound settings.



- **Sound Mode:** Select a predefined sound effect, or select *User* to customize values on Bass and Treble.
- **Audio Output:** Select the projector's audio output type.
  - **Internal Speaker:** Use the projector's internal speaker to output audio.
  - **ARC:** Use an HDMI™ ARC compatible device to output audio.
  - **Bluetooth Output:** Use the Bluetooth devices paired with the projector to output audio.
- **Reset Settings:** Reset the Sound settings to default.

## Projector settings

You can view and change the following projector settings.

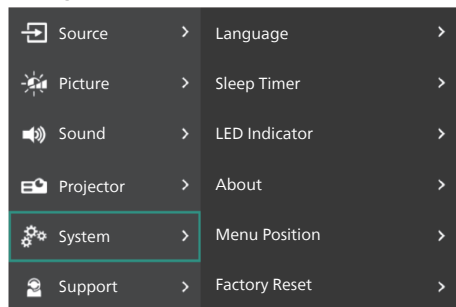


- **Location:** Select different projector installed location. Each option reserves the individual setting for the following items: *Installation*, *4-Corner Keystone*, *Vertical Keystone*, *Digital Zoom*, *Autofocus on startup*.
- **Installation:** Adjust the projection to the correct direction based on how the projector is installed.

- **4-Corner Keystone:** Adjust projector corner keystone.
- **Vertical Keystone:** Manually correct the vertically keystone by adjusting the corners of the screen.
- **Digital Zoom:** Scale down the projection image by up to 50%. The default value is 100% (no scale-down).
- **Autofocus on startup:** Turn this on to let the projector automatically adjust the focus on startup. The default values is Yes.
- **Reset Settings:** Reset the Projector settings to default.

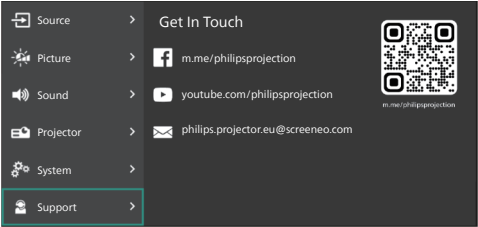
## System settings

You can view and change the following system settings.



- **Language:** Select the display language for the projector.
- **Sleep Timer:** Select a period of time after which the projector turns off automatically. The default value is *Disable*.
- **About:**
  - **Hardware Version:** Check hardware version of this product.
  - **Software Version:** Check firmware version of this product.
  - **Serial Number:** Check serial number of this product.
  - **MAC Address:** Check MAC address of this product.
  - **Laser hours:** Check Laser hours of this product.
- **Menu Position:** Set the settings menu's position to *Center*, *Top Left*, *Top*, *Top Right*, *Right*, *Bottom Right*, *Bottom*, *Bottom Left* or *Left*.
- **Factory Reset:** Restore the product to its factory default settings. After the factory reset, the projector will restart and allow you to set it up as new.

## Support



# 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 dry cloth for cleaning the lens of the projector.

### DANGER!




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

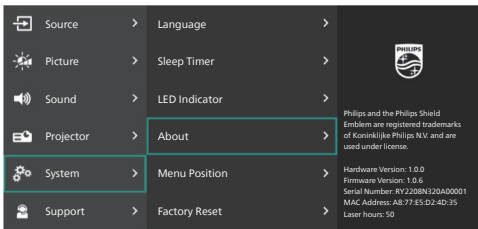
Do not use any liquid cleaning agents for cleaning the lens, to avoid damaging the coating film on the lens.

## Update firmware

The latest firmware 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 firmware of the projector, check the current software version:

- Press  on the remote control and go to *About*.



### CAUTION!



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



## OTA firmware update


- 1 Visit [www.philips.com/support](http://www.philips.com/support), find your product (model number: **SCN355/INT**), open its support page and locate "**Software & drivers**".
- 2 Download the update package and unzip it if necessary. You should get an update file named "**SCN355INT\_firmware.zip**". Copy this file to the root directory of a USB flash drive. **Note:** Do not unzip this file.
- 3 Turn on the projector if it is off.
- 4 Connect the USB flash drive to the projector.
- 5 Press  on the remote control to access the settings menu, go to *Firmware Upgrade* and press the **OK** button. The projector will search for the update file. If it finds the file, you will see the **Start Update** dialog box.
- 6 Press any of the navigation buttons on the remote control to select the **UPDATE** button and press the **OK** button.
- 7 Wait for the update to complete. The projector will restart after the update.

# 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  twice.
- 2 Wait at least 10 seconds.
- 3 Turn the projector on by pressing and holding  for 2 seconds.
- 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  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 the correct HDMI™ input is selected (<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>
I cannot pair the projector with a Bluetooth device.	<ul style="list-style-type: none"> <li>• Turn on the Bluetooth device and make sure it is in pairing mode.</li> <li>• Position the Bluetooth device so that it is less than 10 m (33 ft) from the projector.</li> <li>• To connect Bluetooth speakers/headphones to the projector, make sure the projector is on.</li> <li>• To connect a Bluetooth playback device to the projector, make sure the projector is off (in standby mode).</li> <li>• If another Bluetooth device is already connected to the projector, disconnect it.</li> <li>• Move the projector farther away from other devices (microwave oven, wireless router, etc.) that are emitting radio frequency signals.</li> </ul>
After a Bluetooth device is connected, there is no sound from the projector or the Bluetooth device.	<ul style="list-style-type: none"> <li>• Check if the Bluetooth device's volume is at the minimum.</li> <li>• Check if projector's volume is at the minimum.</li> <li>• Check if the playback has started.</li> <li>• Try playing another video/audio file.</li> <li>• Try reconnecting the two devices.</li> </ul>
Black dots (dead pixels) appear on the screen.	<p>DMD displays from Texas Instruments typically contain a small number of pixels that do not function normally. Your display has been inspected and is in compliance with the manufacturer's specifications, meaning that any pixel defects will not affect the operation or use of your display. Without prejudice to generality of the foregoing, a display with no more than 7 dead pixels meets the factory specifications and is not considered a defect under this warranty.</p>
Auto focus does not work	Wipe the projection lens clean with a dry cloth before turning on the projector.

# 10 Appendixes

## Technical data

### Technology/optical

Display technology.....	TI DLP
Light source .....	RGB laser
Colorimetry & metadata .....	REC.709
Resolution .....	1920 x 1080 pixels
RGB laser lifetime.....	over 30,000 hours
Contrast ratio .....	1800:1
Aspect ratio .....	16:9
Throw ratio .....	0.23:1
Screen size (diagonal).....	40" - 120"
Screen distance..	17.1 mm - 216.1 mm/0.67" - 8.5"
Lens protection.....	no
Projection modes .....	4
Focus adjustment.....	auto or manual
Keystone correction .....	manual
TOF .....	yes for manual 4 corners adjustment
4 corner correction.....	yes
Digital zoom .....	yes (50-100%)
Integrated media player .....	yes

### Sound

Built-in speakers .....	2 x 3 W
Surround mode .....	no
Equalization .....	yes

### Connection

HDMI™ in.....	x 1
USB-A (5V/2A out + external drive).....	x 1
USB-C.....	x2 (1 for power; 1 for data)
Bluetooth .....	Dual Bluetooth 5.0

### Power source

Power consumption .....	operating: 35 W
.....	standby: 0.25 W
AC adapter.....	.....
.....	Input: AC 100-240V, 50/60Hz, 1.5A (Max)
.....	Output: DC 20.0V, 5A, 100W

### Integrated Media Player

Thousands of codecs supported via VLC built-in players

### Dimensions and weight

Unpacked (W x D x H) .....	94 x 86.6 x 206 mm
(excluding footpad)	
Packed (W x D x H).....	152 x 323 x 171 mm
Weight .....	1.05 kg/2.31 lb

### Temperature requirements

Operating temperature .....	0 °C - 40 °C
Storage temperature .....	-20 °C - 60 °C

### Package contents

1. Screeneo UL5 Smart 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

SCN355/INT
EAN INT: 7640186960311
EAN APAC: 7640186960328
UPC: 667619992883

# 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.
- The UNII Band 5150-5250 MHz is for indoor use only.
- The device complies with RF specifications when the device is used at 20 cm from your body.

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).

Frequency bands	Maximum output power
BT EDR (EIRP)	9.09 dBm
BT BLE (EIRP)	4.85 dBm
Wi-Fi 2.4GHz (EIRP)	17.88 dBm
Wi-Fi 5GHZ (EIRP)	17.89 dBm

# 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.

During operation, the separation distance between the user and the antenna shall be at least 20 cm. This separation distance will ensure that there is sufficient distance from a properly installed externally-mounted antenna to satisfy the RF exposure requirements.

FCC ID: 2ASRT-SCN355

# 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.

**RF Radiation Exposure statement:** The device meets the exemption from the routine evaluation limits in section 2.5 of RSS102 and users can obtain Canadian information on RF exposure and compliance.

This device should be installed and operated with a minimum distance of 7.8 inches (20 centimetres) between the device and your body.

## 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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This product complies with IEC 60825-1:2014 Class 1 Laser Product.

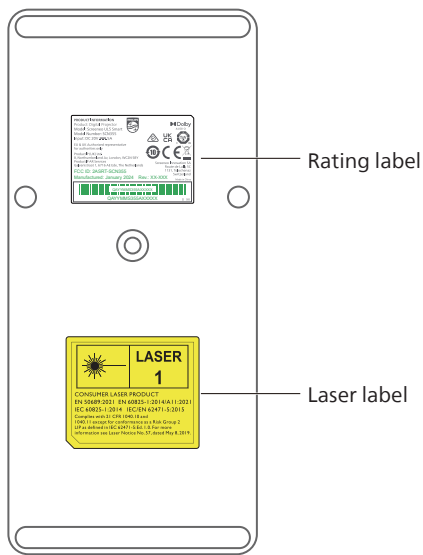


As with any bright light source, do not stare into the beam, RG2 IEC 62471-5:2015.

- This product complies with EN60825-1:2014+A11:2021.
- This product complies with EN50689:2021.
- This product is designed to project images on a wall or screen.

#### CAUTION

- Do not look into the lens while in use.
- Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- The use of optical instruments with this product will increase eye hazard.
- Never allow children to stare into the projector beam at any distance from the projector.
- Do not turn on the projector with the remote commander while in front of the projection lens.
- Avoid the use of optical aids such as binoculars or telescopes inside the beam.





**Screeneo Innovation SA**

Route de Lully 5c - 1131 Tolochenaz - Switzerland

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