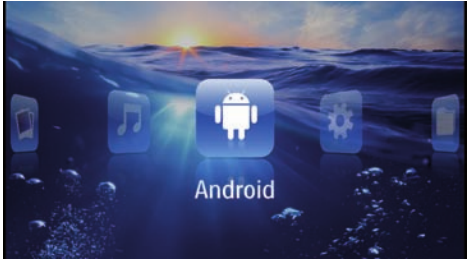


9 Android

Your Pocket Projector uses the Android operating system.

Calling Android

- 1 Switch the device on using the on/off switch on the side.
- 2 After the initial screen the main menu appears.



- 3 Use the navigation keys to select **Android**.
- 4 Confirm with **OK**.


Exiting Android

Press the **Back** key to return to the main menu.
Software Reset


Resetting Android

If your Pocket Projector does not work properly, a reset to factory defaults may solve the problem in many cases.

DANGER!


 **All Settings and Data Will be Deleted!**
This procedure erases all your settings and data that is stored on the device.
Apps need to be reinstalled.

Notice

-  **YOZO Office**
By resetting Android YOZO Office will be deleted. The reinstallation of YOZO Office will start automatically when connecting the device to the internet via WiFi.


Installing Android-Apps

CAUTION!


 **Trusted Sources!**
Apps from third party sources may be malicious. Only use installation packets from trusted sources.

You can install other apps. Use the APK installation packets.


Notice

-  **Compatibility**
The manufacturer does not guarantee the compatibility of third party apps.


Notice

-  **Volume**
In some apps, the volume may only be controlled via the remote control.

Notice

-  **Youtube**
You need to install the latest version of the Adobe Flash Player in order to play Youtube videos (see also Install Adobe Flash Player, page 31).

Notice

-  **Calendar**
There is no calendar pre-installed on the Pocket Projector.

Install Adobe Flash Player

You need to install the latest version of the Adobe Flash Player in order to play Youtube videos.

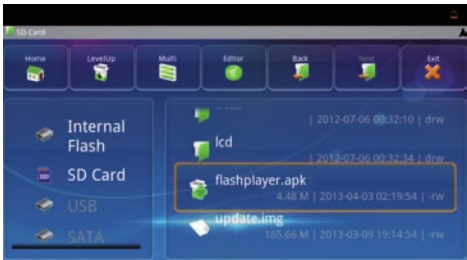
- 1 Download the latest version of Adobe Flash Player installation package (**flashplayer.apk**) for Android. For further information visit www.philips.com/support.
- 2 Save the package onto a memory card.
- 3 Insert the memory card into the device (see also Inserting a Memory Card, page 18).
- 4 Switch the device on using the on/off switch on the side.
- 5 After the initial screen the main menu appears.



- 6 Use the navigation keys to select **Android**.
- 7 Confirm with **OK**.
- 8 Use the navigation keys to select **Explorer**.

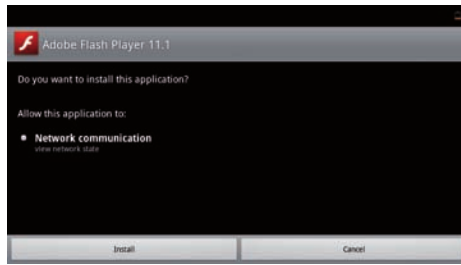


- 9 Confirm with **OK**.
- 10 Navigate to the memory card and select **flashplayer.apk**.



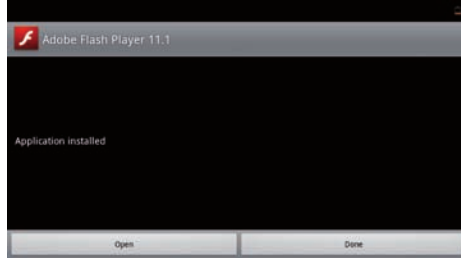
- 11 Press **OK** to execute the installation package.

- 12 Use the navigation keys to select **Install**.



- 13 Press **OK** to start the installation.

- 14 Use the navigation keys to select **Done**.



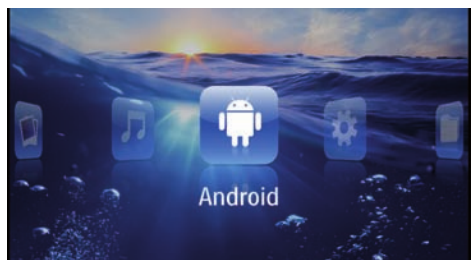
- 15 Confirm with **OK**.

- 16 The latest version of Adobe Flash Player is installed.

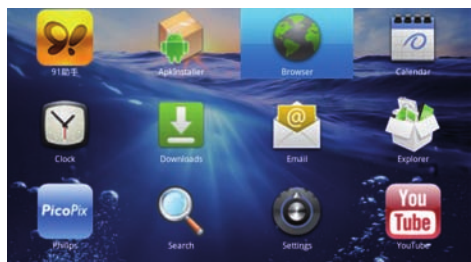
Adjust Browser Mode

Change the browser mode to display websites containing flash elements.

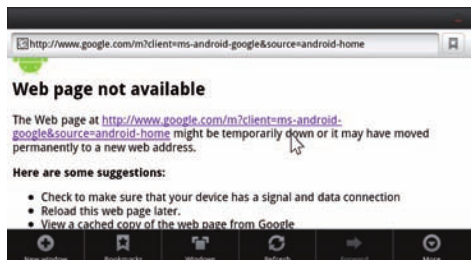
- 1 Switch the device on using the on/off switch on the side.
- 2 After the initial screen the main menu appears.



- 3 Use the navigation keys to select **Android**.
- 4 Confirm with **OK**.
- 5 Use the navigation keys to select **Browser**.

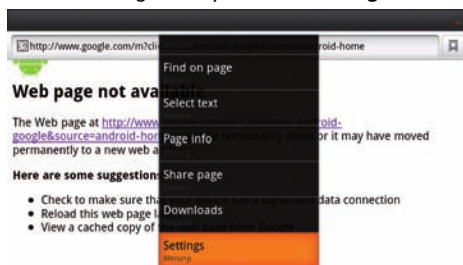


- 6 Confirm with **OK**.
- 7 Press the menu key **☰** to call the menu.
- 8 Use the navigation keys to select **More**.

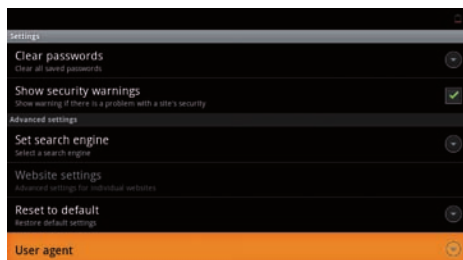


- 9 Confirm with **OK**.

- 10 Use the navigation keys to select **Settings**.



- 11 Confirm with **OK**.
- 12 Use the navigation keys to select **User agent**.



- 13 Confirm with **OK**.
- 14 Use the navigation keys to select **Desktop**.



- 15 Confirm with **OK**.
- 16 Websites containing flash elements can be displayed.

Reset Browser Mode

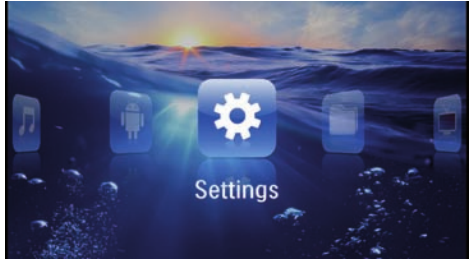
- 1 Proceed as described in the adjust browser mode chapter (see also Adjust Browser Mode, page 32).
- 2 Use the navigation keys to select **iPad**.



- 3 Confirm with **OK**.

I0 Settings

- 1 Switch the device on using the on/off switch on the side.
- 2 After the initial screen the main menu appears.



- 3 Use the navigation keys to select **Settings**.
- 4 Confirm with **OK**.
- 5 Use **▲/▼** to select from the following settings.



- 6 Confirm with **OK**.
 - 7 Modify the settings using **OK**, **▲/▼**,
 - 8 Confirm with **OK**.
- The **⏪** key takes you one step back in the menu.

Overview of the Menu Functions

WIFI & DLNA

WIFI Network – switching the wireless network (WLAN) off and on

Network Selection – select the wireless network with which the device is to connect

DLNA Sharing – switching DLNA off and on

WIFI Hot Spot – activate and deactivate WLAN tethering

Image settings

Wall paper – Select background images

Fit Screen – Convert videos and images to 4:3 resolution

Projection mode

Front – Normal projection; the device is located in front of the projection surface/screen

Rear – Rear projection; the device is located behind the projection surface; the image is reflected horizontally.

Ceiling – The device is hanging from the ceiling in an upside-down position; the image is rotated through 180 degrees.

Rear ceiling – The device is located behind the projection surface, hanging from the ceiling in an upside-down position; the image is rotated through 180 degrees and reflected horizontally.

Wall color correction – Colour correction of the projected image to adjust to coloured projection surfaces

Smart Settings – Select predefined settings for brightness / contrast / colour saturation. If you modify these settings, the setting is switched to **Manual**.

Brightness – Adjust brightness

Contrast – Adjust contrast

Sound Settings:

Volume – Adjust the volume

Bass – Set the playback of the low frequencies

Treble – Set the playback of the high frequencies

Key beep – Turn key tones on and off

Video settings

View – Display all videos in a list or a corresponding folder structure on the drive.

Repeat – Set the repeat type for video files: Repeat deactivated (**Off**), repeat all videos in a directory (**Directory**), repeat only the current video (**Movie**), repeat all videos (**All**).

Resume play – If this function is activated, playback will continue at the position it was last stopped. If deactivated, playback will always start at the beginning of the video.

Fit Screen – Convert videos to 4:3 resolution

Music settings

View – Show all tracks in a list or a corresponding folder structure on the drive.

Screen – Activate or deactivate the projection during playback.

Repeat – Set the repeat type for music files: Repeat deactivated (**Off**), repeat all songs in a directory (**Directory**), repeat only the current song (**Song**), repeat all songs (**All**).

Shuffle – Activate this function for random playback. Otherwise, playback will take place in sequence.

Picture settings

View – Display the images as a *thumbnail* or as a *list* during selection in the main menu.

Time per slide – Image viewing time during slide show

Repeat – Set the type of repeat for slide show photos: Repeat off (**Off**), repeat all photos in the directory (**Directory**), repeat all stored photos (**All**).

Slide transition – Set image transitions

Slideshow order – Play slide show in order or randomly

Power mode

Brightness mode – This function reduces the light output in order to increase the operating time for the built-in battery. When operating from the power supply, the energy saving mode is always deactivated in order to ensure the best-possible image display.

Sleep mode – With this function, the projector automatically shuts down after a specified period of time or at the end of a movie.

Language

Select the desired language for the menu.

Maintenance

Reset settings – Reset settings to factory defaults.

Firmware Update – Update Firmware

Notice



Connect for the duration of the firmware update the power adapter.

Information – Display free space in the internal memory and information on the device (Capacity: / Free space: / Firmware version: / Device name: / Model:)

II Service

Care Instructions for the Battery

The capacity of the battery diminishes with time. You can prolong the life of the battery if you observe the following points:

- Without a power supply, the device operates from the built-in battery. When the battery does not have sufficient capacity, the device turns off. Connect the device to the power supply.
- When the battery does not have sufficient capacity, the battery symbol in the display and turns red.
- When the device is running for a long period of time, the surface becomes hot and a warning symbol appears on the projection (see also Symbols in the Statusbar, page 10). The device behaves as follows:
 - 1 The fan turns to maximum level.
 - 2 At maximum level of brightness the overheat symbol appears in the status bar and the device turns automatically to minimum level of brightness.
 - 3 At minimal level of brightness the overheat symbol shows for three seconds in the middle of the screen. Then the device turns off automatically.

After the device has cooled down, you can continue playback.

- Use the device at least once a week.
- Charge the battery regularly. Don't store the device with a completely discharged battery.
- If the device is not used for several weeks, discharge the battery a little by using the device before storing it.
- If the device only works using the USB connection or with the power supply, the battery is defective.
- Keep the device and the battery away from sources of heat.

DANGER!



Do not Replace the Battery Yourself

Do not try to replace the battery yourself. Incorrect handling of the battery or using the wrong type of battery can cause damage to the device or cause injury.

Battery deep discharge

When the battery is in deep discharge or the device is not used for a longer period, proceed as followed:

- 1 Connect the device to the power supply (see also Connect Power Supply / Charge Battery, page 11). The device behaves as follows:

	Device off	Device on
Connect to a computer	The indicator light on the side of the device turns red. Slow charging	Connect to a computer (see also Connect to a Computer (USB), page 19) No charging
Connect to the power adapter	The indicator light on the side of the device turns red. Fast charging	Device remains turned on. Slow charging

- 2 The device can be turned on and is ready to use after approximately five minutes of charging time.

Battery recharge time with device off

	Turning on possible	Completely charged
Slow charging	5 minutes	10 hours
Fast charging	5 minutes	2 hours

Cleaning

DANGER!



Instructions for Cleaning!

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 device. Do not spray the device with any cleaning fluids.

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

Cleaning the Lens

Use a 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.

Device Overheated

A overheat symbol appears if the device is overheated (see also Symbols in the Statusbar, page 10). The device behaves as follows:

- 1 The fan turns to maximum level.
- 2 At maximum level of brightness the symbol appears in the status bar and the device turns automatically to minimum level of brightness.
- 3 At minimal level of brightness the symbol shows for three seconds in the middle of the screen. Then the device turns off automatically.

After the device has cooled down, you can continue playback.

Update Firmware with Memory Card

Notice



Connect for the duration of the firmware update the power adapter (see also Connect Power Supply / Charge Battery, page 11).

- 1 Format the memory card in the file system FAT16 or FAT32.

DANGER!



All Data will be Deleted!

This procedure erases all your data that is stored on the memory card.

- 2 Save the latest firmware update file to the memory card.
- 3 Insert the memory card (see also Inserting a Memory Card, page 18) and switch the device on.
- 4 Use the navigation keys to select **Settings**.
- 5 Confirm with **OK**.
- 6 Use **▲/▼** to select **Maintenance**.
- 7 Confirm with **OK**.
- 8 Use **▲/▼** to select **Firmware Update**.
- 9 Confirm with **OK**.
- 10 Use **▲/▼** to select **Install**.
- 11 Confirm with **OK**.
- 12 The device turns off and on again. After around 5 minutes the **Language Selection** screen appears. The firmware update is now completed.

DANGER!



Inserting a Memory Card!

Never pull out the memory card while the device is accessing it. This could cause data to be damaged or lost.

DANGER!



Power!

Do not unplug the power adapter during the firmware update.

Notice




If an error occurs during the firmware update process retry the procedure or contact your dealer.

Troubleshooting

Power Cycling

If a problem occurs that cannot be corrected with the instructions in this user manual (see also the help below), follow the steps given here.

- 1 Switch the device off using the on/off switch on the side.
- 2 Wait at least ten seconds.
- 3 Switch the device on using the on/off switch on the side.
- 4 If the problem repeats, please contact our technical customer service or your retailer.

Problems	Solutions
The Pocket Projector is unresponsive or hung up	<ul style="list-style-type: none"> • Insert a slim, pointy object into the reset hole to trigger a hardware reset (see also Side View, page 5)
The Pocket Projector cannot be switched on	<ul style="list-style-type: none"> • Connect the supplied power supply to recharge the internal battery.
No sound	<ul style="list-style-type: none"> • Adjust the volume using the  key on the remote control.
No sound from the external connected device	<ul style="list-style-type: none"> • Check the cables to the external device • Set the volume on the external device • Only the original cables from the device manufacturer may function
Bad sound quality with your computer connection	<ul style="list-style-type: none"> • Check if the audio cable is connected to the computer's headphone socket or the line-out socket. • The volume setting on the computer should not be too high.
Only the initial screen appears and not the image from the external device	<ul style="list-style-type: none"> • Check if the cables are connected to the right sockets. • Please check that the external device is switched on • Check if the video output of the external device is switched on.
Only the initial screen appears and not the image from the connected computer	<ul style="list-style-type: none"> • Please check that the VGA-output of the computer is switched on. • Check if the resolution of the computer is set to 800x600.
Device switches turns off	<ul style="list-style-type: none"> • When the device is running for a long period of time, the surface becomes hot and a warning symbol appears on the projection (see also Symbols in the Statusbar, page 10). The device automatically turns off when it gets too hot. After the device has cooled down, you can continue playback. • When the battery does not have sufficient capacity, the device turns off. Connect the device to the power supply.
The device is connected to the power supply and switches to stand-by mode	<ul style="list-style-type: none"> • The battery is in deep discharge. The device can be turned on and is ready to use after approximately five minutes of charging time (see also Battery deep discharge, page 36).

Problems	Solutions
<p>Devices changes from maximum level of brightness to minimum level of brightness when the device is connected over USB to play videos.</p>	<ul style="list-style-type: none"> • When the environment temperature is too high, the devices turns automatically from maximum level of brightness to minimum level of brightness in order to protect the high power LED. • Use the device with lower environment temperatures.
<p>Device cannot connect with an Android device (for example a mobile phone/smartphone with the Android operating system) when connected via USB.</p>	<ul style="list-style-type: none"> • Deactivate the function „USB debugging“ in the settings menu of your Android device before connecting the Pocket Projector via USB; your Android device should be recognized as USB storage medium.
<p>Bad image or color quality when connecting with HDMI</p>	<ul style="list-style-type: none"> • Use the supplied HDMI cable (PPA1290). Third-party cables may cause signal distortions.

I2 Appendix

Technical Data

Dimensions (L × H × W).....	105 × 32 × 105 mm
Weight.....	0,284 kg
Recommended Ambient.....	5–35 °C
Relative Humidity.....	15–85 % (non-condensing)
File format.....	*.mp4, *.avi, *.mov, *.mkv, *.mpg, *.mpeg, *.flv, *.ts, *.m2ts, *.3gp
Photo formats.....	JPEG, BMP, PNG, GIF
Music formats.....	MP3, WAV, WMA
Video Standard (CVBS).....	PAL, SECAM, NTSC
Video Standard (YPbPr)....	480i/p, 576i/p, 720p, 1080i/p
Video connection.....	Mini-HDMI socket
Headphone connection.....	Stereo - jack plug: 3,5 mm
Internal speaker.....	mono 1 W
Internal memory.....	2.5 GB
Compatible Memory Cards.....	SD/SDHC/SDXC/MMC
USB connection max. power	5V, 500mA

Technology / optical

Display technology.....	WVGA 0,3" DLP
Light source.....	RGB LED
Resolution.....	854 × 480 Pixel (16:9)
Supported Resolutions.....	VGA/SVGA/WVGA XGA/WXGA/FULL HD
Brightness (Bright Mode).....	up to 100 lumen
Contrast ratio.....	1000:1
Projected image size.....	12–120 inch
Screen distance.....	0,5 m up to 5 m
Horizontal Scan Rate.....	31–69 kHz
Vertical Scan Rate.....	56–85 Hz

Power supply

Model No.....	MPA-630
Input.....	100–240V~, 50–60 Hz, max. 1A
Output.....	12V=, 2A
Manufacturer.....	Wanlida Group Co., Ltd.

Built-in rechargeable battery

Battery type.....	LiPol
Capacity.....	1800mAh 7.4V
Charging time.....	2 h
Operating time.....	1 h
Operating time (ECO mode)	2 h
Manufacturer.....	Great Power

Accessories

Following accessories are available for your device:

Pico Station with battery and speakers	PPA7300 / 253529749
Pico Station mit battery, speakers and DVB-T adapter	PPA7301 / 253532895
USB DVB-T Stick.....	PPA8301 / 253529757
YUV/YPbPr cable	PPA1210 / 253447083
Video-(CVBS) cable.....	PPA1320 / 253526178
VGA cable	PPA1250 / 253447070
iPhone/iPad/iPod-HDMI cable ..	PPA1280 / 253447091
iPhone/iPad/iPod-A/V cable	PPA1160 / 253372471
MHL cable	PPA1240 / 253520048

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The declaration of compliance can be consulted on the site www.picopix.philips.com.

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Packaging: The presence of the logo (green dot) means that a contribution is paid to an approved national organisation to improve package recovery and recycling infrastructures. Please respect the sorting rules set up locally for this kind of waste.

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



Product: The crossed-out waste bin stuck 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 re-use 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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