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PADS4 Viewer on Philips P-Line

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1. First time use

During the installation, you will need to configure the PADS4 Server location. Best approach is to complete the installation of the PADS4 Server first, before continuing the configuration of the device.

When you turn the device on for the first time it will open a configuration wizard. Follow the steps and specify the settings, as mentioned below.

Startup

Step	Description
01	Put monitor on and if it is started up press Home button on the remote control and press the numbers 1 8 8 8. If the device is fresh out of the box then jump to line 09
02	Open the settings on Android
03	Open System Tools
04	Select Factory Reset
05	Reset? – Click on OK (Erase everything)
07	Select Erase everything
08	Restart Device
09	Select Language
10	Click on Start
11	Enable Ethernet
12	Skip all other setup options and press Finish

2. PADS4 Version

Steps required to check the firmware version:

- 1) Put monitor on and if it is started up press Home button on the remote control and press the numbers 1 8 8 8.
- 2) Select Settings
- 3) Select About

Using a firmware version lower than specified may cause the PADS4 Viewer to lose functionality.

Minimum PADS4 Viewer version	Minimum Android version
4.11	Android 5.1.1 Philips kernel 3.10 Build FB04.01

3. Test Devices

NDS tested the following physical devices in the test lab.

Philips 42BDL5055P

3. Installation PADS4 HTML5 Launcher

Install PADS4 HTML5 Launcher from USB stick

Download the latest PADS4 HTML5 Launcher from: <http://go.pads4.com/?fwlink=1004>

Step	Description
01	Store the PADS HTML5 Launcher apk on a USB stick
02	Insert the USB stick into the device
03	Select Apps → File Manager - > mnt -> USB storage (in the Home + 1.8.8.8 Android menu)
04	Select install and browse the USB for the apk
05	The message “Do you want to install this application” is displayed. Press the next button until the button “install” appears
06	Press the install button
07	After installation press the open button
08	The PADS4 HTML5 Launcher app will be started. Enter the location of the PADS4 Server, by specifying a domain name, IP address or pc name of the server where the PADS4 Server is running.
09	(Optional) If you changed the default server html server settings of the PADS server, open the advanced settings and specify the correct port number and host/root path.
10	Press start, the first time the app will prompt to select your home app. Select PADS4 HTML5 Launcher and select always, if you don't it will prompt the message again.

When finished the device will download the software and start the PADS4 Viewer.

A connection indicator and the generated PADS4 Viewer name are displayed in the lower left corner of the screen. If the connection fails, open the Viewer log from the options screen (see step 4).

Updating PADS4 HTML5 Launcher from USB stick

Step	Description
01	Store a newer version of the PADS HTML5 Launcher apk on a USB stick
02	Insert the USB stick into the device
03	Open the viewer settings
04	Select launcher settings
05	Click on the folder icon in the right bottom corner
06	Navigate to the newer apk on the usb stick, by selecting the mnt folder and then the usb_storage folder
07	Select the apk
08	The message “Do you want to install an update to this existing application” is displayed.
09	Press the install button. The PADS4 HTML5 Launcher should automatically start when installed.

4. Adjust PADS4 Viewer options using the options screen

PADS4 Viewer options can be adjusted directly on the display.

To enter the options screen on the device itself, hold the left mouse button down or touch the screen for 3 seconds.

Changing Viewer options can also be managed afterwards from a central location using the PADS4 Agent.

To access the Android settings menu when the viewer is running:

Step	Description
01	Open the viewer settings
02	Click on the Launcher Setting button
03	Click on the gear icon in right bottom corner
04	The Android settings open If the Hide Status Bar option is turned on, the only way to leave the Android setting is to restart the device, by disconnecting the power.

Disabling Android navigation bar






Optionally you can disable the navigation bar of the device, it can be used to change the volume on the device. To disable it, follow the next steps:

Step	Description
01	Open the viewer options
02	Click on Launcher Settings
03	Click on the gear icon in right bottom corner
04	Select System Tools
05	Click on Disable in the Navigation Bar section
06	The only way to leave the Android setting is to restart the device, by disconnecting the power.

5. Supported features & limitations

The following features and limitations are related to Philips P-Line series.

Area		Support
Display models		Philips P-Line series
Portrait mode		Supported
HTTPS		Supported
Video		Maximum of 4 videos possible Recommended is a maximum of 2.
Image		Support for JPG, PNG, BMP, GIF
		Streaming not supported
Text		Supported
Line		Supported
Shape		Supported
Scrolling text		Supported
Formatted Text		Supported
Flash		Not supported
Table		Supported
Interactive Button		Supported *Mouse cursor options not supported *Interactive Data filter & sort dialog window not supported
Playlist		Content from PADS4 Content Library & URL supported
Web		Supported *Usage of the interactive Address Bar not supported
Colors		Supported *Texture and pattern colors are not supported
Data providers		All PADS4 data providers (70+) supported
Transitions		Supported *Horizontal and vertical blinds not supported
Rules		Presentation, Page and Element rules supported
Offline Content Library storage		PADS4 Content Library is stored on the local device
MD5 check		PADS4 Content Library file integrity is checked during synchronization using MD5
Offline Schedules		All scheduled presentations are cached local
Offline Data		Data retrieved from data providers is cached local
Property bindings		Supported
Viewer variables		Supported
Software updates		Automatic software updates supported

PADS4 Agent		PADS4 Agent supported. *The following Viewer functionality: Screenshot, Viewer Log, Synchronization Log, Viewer Settings, System Info, Viewer Blackbox and Proof of Play
		Refresh device supported
		Display current connection state supported
		Viewer variables supported
		Monitoring & Alerts supported *The following functionality: Network connections

6. General limitations

Data Providers	Data providers always make use of the PADS4 data server. A HTML5 Viewer is not able to read the information itself from the source.
Content Library	Support for content from PADS4 Content Library . *Content from file is not supported when pointing to a local disk location.
Proof of Play	Local storage limitation of max. 50.000 records on the HTML5 Viewer during offline period. When the 50.000 is hit, the oldest value will be removed first.
Storage capacity	Storage capacity for content differs per device and browser.