



iDISPLAY Media Player

User Manual



For further information or support, please contact: <http://www.outform.com/support/>

About This Guide

- Thank you for purchasing an iDISPLAY product. We recommend reading this user guide carefully in order to achieve optimal pleasure and performance and to maximize the service life of this product.
- This Product is intended for commercial use and to be handled by authorized personnel to set up in a commercial environment.
- "Introducing the iDISPLAY Media Player- introduces the iDISPLAY device and components.

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 This device complies with CE/FCC regulations.

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Safety and Warnings

NOTE

 This mark is applied to indicate that the equipment conforms to European safety and electro-magnetic compatibility standards.

WARNING!

 Main Supply: This equipment is designed to operate from a 100-240 Volt, 50/60Hz AC mains supply. The use of other power sources may damage this equipment. Check that the voltage marked on the rating plate located at the rear of the power adaptor states 100-240V. The manufacturer will NOT accept responsibility for damage or injury caused by connecting to the wrong voltage.

WARNING!

 Main Adaptor: The supplied power adaptor is compatible with a standard main socket. NB. If the power adaptor or lead gets damaged, it must be replaced by a qualified service agent with an approved adaptor of the same type and rating.

WARNING!

 Dangerous voltage constituting a risk of electric shock is present inside this equipment.

WARNINGS!

 The main plug shall be the main disconnect device and shall remain operable at all times.

Do not push objects into holes and ventilation slots.

Do not expose this product to dripping or splashing or place any objects filled with liquids on or near the product.

Do not place a naked flame source, such as lighted candles, on or near this product.

Do not attempt to repair this product yourself. Always use a qualified service agent to perform adjustments or repairs.

INTRODUCING THE PRODUCT

This chapter introduces the device and its components.

What is the iDISPLAY Media Player?

The iDISPLAY Media Player is an interactive digital display designed to be used in commercial environments. The device are powered by Pulse, OUTFORM's™ own technology platform that combines hardware and software features to create an ideal "out-of-the-box" solution for digital displays in public locations. Some of those features are: hidden control panel, Android operating system, embedded Wi-Fi, CMS-integration, auto-power on, autoplay of content (videos, picture slideshows, smart apps, etc.), auto-copy and autodetect of peripherals, and much more. To learn more about Pulse Technology, please refer to <http://www.outform.com/pulse.html>.

iDISPLAY Tablet Components

The following components are provided:

iDISPLAY Media Player
Power Supply Unit (5V 2A)
USB Cable
USB Mouse



iDISPLAY Media Player top view



iDISPLAY Media Player bottom view



No.	Description
1.	LED
2.	ethernet connector
3.	Optical
4.	HDMI output
5.	AV jack (no Mic in function)
6.	RECOVER button(Upgrade software)
7.	Micro SD port for extend memory(up to 32G)
8.	USB 2 (OTG)
9.	USB 1 (host)
10.	5V DC In - Power Input

Quick start User Guide

Thank you for purchasing Outform's iDISPLAY commercial device

Setting Up the iDISPLAY Device

This chapter describes how to set up and start using the iDISPLAY device. You may refer to our website for the latest available mounting accessories that can be connected to your iDISPLAY product. <http://outform.com/idisplay/all-accessories/>

Turning On the iDISPLAY Device

The iDISPLAY device is preconfigured to automatically start up when power is activated – this will initiate the Autoplay feature (Pulse-Player application). Please refer to 'Exiting' out of the Autoplay Pulse-Player application section for instructions on how to access the standard Android home screen.

Adding Content

Adding content to the device can be added most easily by utilizing a USB memory stick.

1. Insert USB memory stick into your PC
2. Create a folder titled "0" (zero) into the root directory of the USB memory stick
3. Copy the desired media into folder "0" of the USB memory stick
4. "Eject" the USB memory stick from your PC.
5. Insert the USB memory stick into the device USB slot.
6. A password dialog box will appear, enter the password first to continue



7. Two options will appear on the device, One to delete existing content and one to simply copy new content. If you select the "delete Content" option then the new files will replace and remove the previous content stored on the internal memory. If you choose to keep existing content then the new content will be copied alongside the previous content, no files are deleted with this option. However, if a file contains the same filename, the file on the device will be overwritten with the file from the USB memory stick.
8. After copying is completed, the Pulse Player will start displaying the copied content; the USB memory stick can be removed.

What Does the device Play?

Standard Android applications (APK's) using Android OS 4.0 and above

Video Formats: MPEG1 / MPEG2 / MPEG4, AVI

Picture Format: JPEG

Configuration

While the Pulse Player is displaying its content, the Administrator can configure the device by tapping 5 times in a fast repetitive motion use mouse on the screen. After entering the correct password, the administrator will have access to the Pulse Settings.

Operation

Back

Return to PulsePlayer

Exit

Exit PulsePlayer

Exit Event

To exit PulsePlayer, you can choose "Z gesture" or "Tapping screen 5 times" use mouse or "Both" from the drop-down-list.

Z gesture detection accuracy

In order to exit the Pulse Player when playing video or picture, you can draw a big "Z" gesture on the screen use mouse , The difficulty of gesture detection is based on your choice from choice from the drop-down-menu, there are three choices "easy, medium and hard".

Reboot

Reboot the device

Status bar options

If you choose "OFF", it will hide status bar when the application is exited.

If you choose "ON", it will not hide status bar when the application is exited.

Volume adjustment options

Enable/Disable volume adjustment via back volume button ,if the device have the volume button.

Auto start PulsePlayer

Enable/Disable AutoStart Pulse Player (Note: if you disable auto start you will need to remove all data if you wish to use the pulse player again)

Pulse Player Configuration

Change Password

If you want to change the password, you can set a new one in this dialog box.

Default password visibility options

If you choose "OFF" , it will disable showing the default password.

If you choose "ON", it will enable showing the default password.

Password Validation feature options

If you choose "OFF", it will disable the password validation feature when going to settings.

If you choose "ON", it will enable the password validation feature when going to settings.

Image Interval Time

You can set the image interval time (2-200 seconds) between current image display and the next one by setting the time at this dialog.

Pulse Player Configuration - Continued

Inactivity timeout

When you exit the display, there will be a dialog , the expiration time (3-200 seconds) of the dialog depends on the setting you chose.

When you open a URL and do nothing, the expiration time (3-200 seconds) of browser depends on the setting you chose.

Video ratio options

If you choose "OFF", when playing video, it will not keep the original ratio, and will play content in full screen.

If you choose "ON", when playing video, it will keep the original ratio.

Player orientation options

If you choose "OFF", it will disable portrait mode when device is rotated.

If you choose "ON", it will enable portrait mode when device is rotated.

Touch Event

You can choose how to respond the touch event from the drop-down-list, "Open URL", "Play contents in folder/tp", "Disabled".

Log options

If you choose "OFF", it will disable outputting logs to file.

If you choose "ON", it will enable outputting logs to file.

URL configuration

Forward To

When you choose "Open URL" in "Touch event", you can set up the URL in this popup dialog.

Warning dialog expire time

When you open a URL and do nothing, there will be a warning dialog, the expiration time (3-20 seconds) of warning dialog depends on what you set in this popup dialog.

Hardware acceleration options

Enable/Disable HW acceleration for video playback.

Progress Box options

Enable/Disable progress box when opening a URL.

Pulse Health configuration

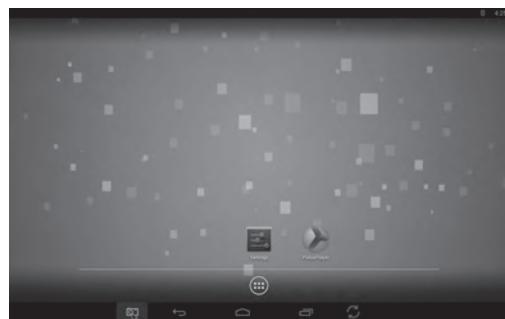
Reboot Scheduler

You can set time to reboot the device at this dialog.

Reboot on Error

Enable/Disable reboot on internal error.

Main Android Home Screen



The Home screen provides the following options:

Applications Menu

(6 little cubes at the bottom of screen) : Tap to display the Applications Menu which enables access to the applications and tools installed on the iDISPLAY device. You may refer to the Applications Menu section below for more information.

TIP – While using the Pulse Player, a shortcut to reach the Home Screen at any time:

Tap the screen quickly 5 times. The password window pops up. Enter the password and tap the OK button, followed by the Exit button. The standard Android Home screen will appear. This is useful when the iDISPLAY device is built into a kiosk or other enclosure, and the back button cannot be accessed.

Applications Menu

The iDISPLAY device provides a standard Android Application Menu which enables access to the applications and tools installed on the device . The following describes some of the applications that are especially relevant to the iDISPLAY device .

Settings

Tap to configure settings, such as Wi-Fi, Sound and so on. More information about the relevant settings options is provided in the Settings section.

Pulse-Player

Tap to return to playing the content of Folder 0 in a loop.

Settings Menu

Exit the Pulse Player (see previous chapter) and tap the Settings button to configure typical Android setting options. Take note of the following options that are particularly relevant for the iDISPLAY device .

Setting Up Wireless Networks

You can tap the Settings Wireless & networks option to configure Wi-Fi and Mobile networks settings in order to download content to the iDISPLAY device .

Setting Up Wired Network

insert LAN cable into USB LAN adaptor.

Power on the device. It is strongly recommended to use a DHCP server to assign / configure the network parameters.

To Enable USB Debugging

To allow developers to debug their applications, enable the following setting: Settings→ Development Options→ USB Debugging

Frequently Asked Questions

If the feature "FORWARD TO" is enabled and when touching the screen use mouse
The website does not appear

- Check if you have an internet connection, see "Setting up Internet Connection"
- Check to see if the URL is correct. Do not include HTTP:// to the URL

AutoCopy doesn't work

- Check to see if you created a folder called "0" on the root directory of your USB memory Stick.

Insert the USB memory stick in your windows computer and check if the USB memory stick contains error. Go to "My Computer", right click on the icon for the USB memory stick, select properties, select tools, press "check now".

- Re-insert the USB memory stick.

What's the Default password

- 11223344

FCC STATEMENT

1. 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.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, Human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.