imation

Wireless Projection Link
(WPL)

User Guide

WIRELESS USB

Wireless Projection Link (WPL) Contents

1. Projector Receiver
   (base unit)
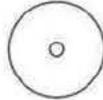
2. USB Transmitter Dongle
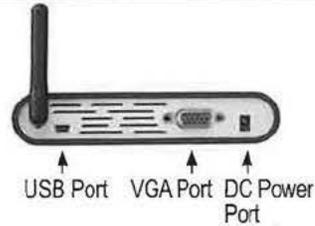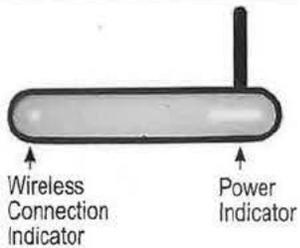   (nested on top of base unit)

3. AC Power Adaptor
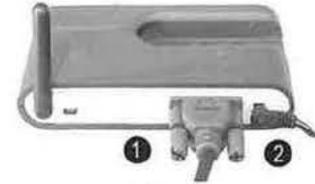
4. USB Angle Swivel Adaptor

5. CD

6. USB Cable

↑ Wireless Connection Indicator   ↑ Power Indicator   ↑ USB Port   ↑ VGA Port   ↑ DC Power Port

Simple Start Up (PC)

1. Insert VGA cable from projector or monitor into VGA port.

2. Connect the WPL base unit to AC adaptor and apply power.

3. Insert PC dongle into USB 2.0 port on host laptop – it is recommended to use the included angle swivel adaptor for better connectivity.

4. In about 20 seconds, start screen will appear on host laptop.

5. When WPL is established, an icon will appear in Windows system tray on lower right of screen.

Dongle LED Status
Wireless connection
   - Orange
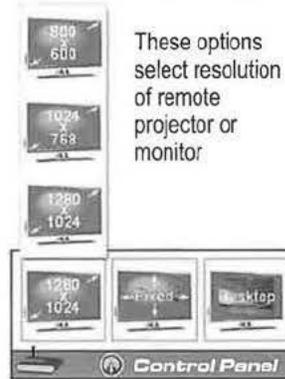Connected to PC – no wireless
   - Green
Not connected
   - No LED

NOTE: Computers with Autorun feature disabled will require a manual launch – if after 30 seconds the start screen in step (4) has not appeared, see instructions on page 4.

First time users will see a series of device installation messages pop up. If an installation error appears, ignore.

WPL Control Panel

Left clicking the WPL icon will pop-up the control panel - click on display icons for more options. Options may also be accessed via right-click menu.

- Pan - Scroll portions of screen

- Fit - Scale input and output

- Fixed - Maintain input aspect ratio

- Freezes current view

- Privacy-blacks out projector display

- Normal desktop mode

- Only displays content in full screen mode

These options select resolution of remote projector or monitor

Manual Launch Instructions

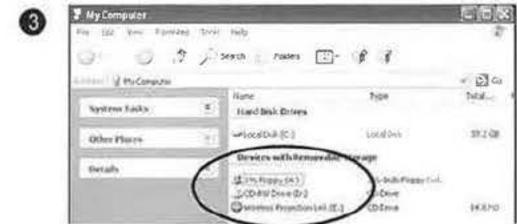Computers that have Autorun feature disabled will need the WPL to be launched manually.

If after 30 seconds **Projection Welcome** screen has not appeared on the PC's screen, do the following:

1. Go to the Windows **Desktop** of the computer

2. Double-click on the **My Computer** icon

3. Locate the icon for WPL under "Devices with Removable Storage"

4. Double-click on WPL to launch application

Installing DisplayLink™ Driver (PC)

Installing the optional DisplayLink™ driver for the Imation WPL provides the following benefits:

- Enhanced video support for smoother playback
- Multi-monitor support (extended desktop)
- Efficient PC utilization

To install driver:

1. Connect dongle to a USB port on the PC and apply AC power to the base unit. **Place base unit within 3 feet of PC dongle and do not disconnect the host dongle or AC power until installation is complete.**

2. Confirm WPL has been established. icon in system tray on the lower right corner of the screen will appear.

3. Right click WPL icon in the lower right system tray.

4. Click on "Install Driver..."

5. The DisplayLink™ installer screen will appear – do not disconnect the PC dongle or AC power until installation is complete.

Installing DisplayLink™ Driver (PC) (con't)

6. After completing installation process, dongle must be removed and re-inserted (a reboot may be requested). WPL will automatically launch in 'driver' mode with a different menu system, and will appear in the lower right system tray.

WPL Administrative Function

The administrative tool feature of the WPL provides the following functions:

- Secure association of additional dongles to the base unit – the base unit and dongle in this kit has been pre-associated at the factory. Adding other dongles to the kit requires this association prior to usage.

- Changing the screen display during startup – start screens can be loaded with user provided graphics.

- Installing the optional DisplayLink drivers.

Access the administrative tool:

1. Apply AC power to the base unit.

2. Connect the base unit to the PC with the included USB cable. Insert the larger connector into an USB port on the PC and the small connector into the mini-USB port in the back of the base unit.

3. **Do not disconnect AC power or USB cable until administrative functions are complete.**

Installing DisplayLink™ Driver (PC) (con't)

6. After completing installation process, dongle must be removed and re-inserted (a reboot may be requested). WPL will automatically launch in 'driver' mode with a different menu system, and will appear in the lower right system tray.

6 10:48 AM

WPL Administrative Function

The administrative tool feature of the WPL provides the following functions:

- Secure association of additional dongles to the base unit – the base unit and dongle in this kit has been pre-associated at the factory. Adding other dongles to the kit requires this association prior to usage.

- Changing the screen display during startup – start screens can be loaded with user provided graphics.

- Installing the optional DisplayLink drivers.

Access the administrative tool:

1. Apply AC power to the base unit.

2. Connect the base unit to the PC with the included USB cable. Insert the larger connector into an USB port on the PC and the small connector into the mini-USB port in the back of the base unit.

3. **Do not disconnect AC power or USB cable until administrative functions are complete.**

WPL Administrative Function (con't)

4. A "Found New Hardware Wizard" will launch – although optional, it is recommended to follow the driver installation process. Select the "Not this time" option then click "Next".

5. Select "Install from a list or specific location (Advanced)" then click "Next".

6. Select "Include this location in the search" option and then click "Browse". Open the "IMATIONWPL" drive and select "Driver" folder, click "OK" and then "Next".
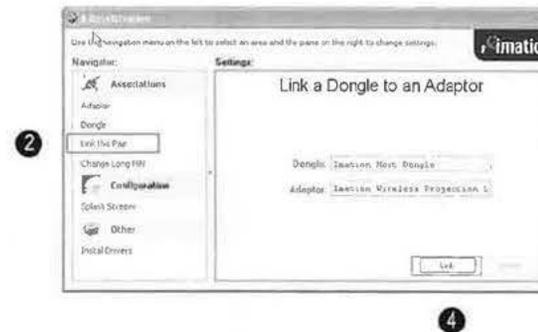
WPL Administrative Function (con't)

7. Wait for installation to complete. The following screen will appear when finished. Click "Finished".

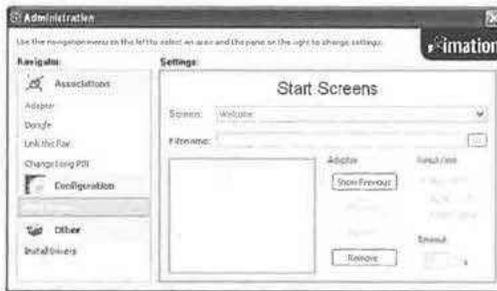8. Click on the "Administration" option to open the administration window.

Associate a New Dongle to the WPL Base unit

1. With the base unit in administration mode, insert new dongle into a USB port on the PC. The first time this occurs, the "Found New Hardware" wizard will appear. Follow steps 4 through 7 in the **Administrative Functions** section to install the driver.

2. Click on the "Link This Pair" option on the left side of the administration tool.

3. A user unique name may be entered by changing the name in the text boxes.

4. Click "Link" to complete the process.

Change the Start Screens

1. The WPL supports up to three different screens:

   - Welcome screen is displayed when the Projection Link is on and dongle is not connected

   - Link Lost Screen is briefly displayed when the connection between base unit and dongle is lost

   - Initial Connection is briefly displayed when connection is initially made and the application is starting up

2. User created images can be loaded to replace the factory defaults. Images must be in JPG, GIF or BMP formats and fitted to the screen resolution.

3. Files can be loaded by browsing to Filename location – click on [...] icon to browse.

Macintosh Support

Supports only Macintoshes with Intel microprocessors
Requires Mac OS 10.4.11 or 10.5 & above

1. Install Macintosh driver from the included CD.
2. Apply power to WPL base unit.
3. Attach USB transmitter dongle to the included swivel adaptor and insert into USB port on the Macintosh.
4. Link will automatically be established.
5. Refer to the DisplayLink™ User Guide in the included CD for more options.

Interaction with Anti-Virus Software

In a very limited number of cases, anti-virus software can stop the WPL from operating properly when the DisplayLink™ driver is not installed. In cases where the anti-virus software stops the WPL from starting automatically, it can be started manually following the manual launch instructions in the quick-start section. Should your anti-virus software not allow manual starting of the system, it may be necessary to configure the WPL product as a 'trusted' application/device (refer to your anti-virus software documentation) or to temporarily disable the anti-virus software. In some cases, installing the WPL driver on the PC may eliminate anti-virus issues.

The WPL product has been tested with the following anti-virus software with no known issues.
ShieldDelux 2008
CA Anti-Virus 2008 (inc. Anti-Spyware)
BitDefender Antivirus 2009
Kaspersky Internet Security 9.0
NOD32
Panda
McAfee
Trend Micro
Kaspersky Anti-Virus 9.0

Issues have been found with the following anti-virus software:
Norton AntiVirus 2009 – issues have been found with Norton AV 2009 (personal edition) not allowing automatic or manual operation of the WPL product. To correct this issue, temporarily disable the anti-virus

Interaction with Anti-Virus Software (con't)

software or upgrade to the corporate edition (which is not known to exhibit the issue).

Kaspersky AV 6.0 – issues have been found with older versions of Kaspersky not allowing automatic or manual operation of the WPL product. To correct this issue, temporarily disable the anti-virus software or upgrade to a more recent version of Kaspersky (version 9.0, for example, is not known to exhibit the issue)

FAQs & Usage Notes

- Right-click on the WPL icon lower right system tray will display a text based control panel.

- Installing the DisplayLink™ driver option provides enhanced features and video support

- Stopping the WPL – Simply unplug the dongle or click "exit" in the right click menu. The final projected image will be held for 15 seconds and then the screen will revert to the WPL start screen.

- WPL uses Ultra Wide Band technology to provide the high-speed connection – the link is intended for in-room use only and works best when the dongle and base are in direct line of sight.

- It is highly recommended that the included USB angle swivel adaptor be used to help position the dongle and base within line of sight of each other to provide best wireless connection.

- If the connection between base and dongle is lost during use, bring the pair closer to each other. They will automatically reconnect in approximately 20 seconds. Lost connection is indicated by a X across the system tray icon and indicator LEDs on the base and dongle.

- Communication between base and dongle is encrypted with high security AES 128 algorithm.

- Up to 8 dongles can be paired to each base station. The pairing function is provided by the built-in Administration utility. For security purposes, dongles which has not undergone the pairing process will not function.

- The base station will operate with USB-IF Wireless USB enabled PCs without the need for a dongle. Refer to your wireless USB PC instructions for more information.

- When using the WPL without the optional driver, a black box may appear on the projector where a video is showing on the PC screen. In order to correct this problem, disable hardware acceleration in either the media player you are using or disable hardware acceleration in the display driver accessed through the Display entry in Windows Control.

- Macintosh support requires installing the driver in the included CD

FCC UWB Statement

DECLARATION OF CONFORMITY WITH FCC RULES FOR ELECTROMAGNETIC COMPATIBILITY

Imation Corp, of One Imation Way, Oakdale MN 55128, declare under our sole responsibility, that the products:

WPL-10 & WPL-20 to which this declaration relates:

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.

A UWB device operating under the provisions of this section shall transmit only when it is sending information to a associated receiver. The UWB intentional radiator shall cease transmission within 10 seconds unless it receives an acknowledgement from the associated receiver that its transmission is being received. An acknowledgement of reception must continue to be received by the UWB intentional radiator at least every 10 seconds or the UWB device must cease transmitting.