LG
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ENGLISH

Guides on Using Product Functions (Windows,Mac)

Please read this manual carefully before operating your set and retain it for future reference.

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Guides on Using Product Functions (Windows)

System Requirements

Graphic card			Interface		
			Thunderbolt (⚡)	HDMI	DP (DisplayPort)
3440 x 1440	Intel	Over HD4400	O	O	O
	AMD	Over HD7000	O	O	O
	NVIDIA	Over GTX 650	O	O	O

* Thunderbolt (⚡) is supported in Windows 7, Windows 8 or later.
* In order to set the resolution to 3440 x 1440, you may be required to configure the custom settings from the graphics card control panel or update to the latest graphics card driver.
* HDMI supports a resolution of up to 3440 x 1440 @ 50 Hz. In order to use the resolution of 3440 x 1440 @ 60 Hz, use Thunderbolt (⚡) or DisplayPort.
* Support settings are subject to change.

Precautions for Changing Resolution

• Failing to set the video card to the recommended (optimal) resolution may result in blurred text, a dimmed screen, a truncated display area, or misalignment of the display.
• The configuration procedure may differ depending on your computer and/or operating system. Also, some video cards may not support certain resolutions. If this is the case, contact the manufacturer of the computer or video card for assistance.
• Some video cards may not support 3440 x 1440 resolution. It is recommended to use a video card that supports 3440 x 1440 resolution. Even when you set the resolution to 3440 x 1440 on your PC, the actual PC output may not support the resolution.

⚠ **CAUTION**

• The setting method can vary depending on the computer and the O/S. You may not be able to select certain resolutions depending on the video card performance. In such cases, please refer to the user's manual of the computer and/or video card.
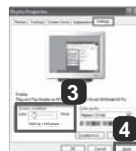
[Windows XP]

<STEP 1>

1 Move the mouse pointer to an empty area on the Windows screen (with no icons or task bars) and click the right mouse button.

2 When the pop-up menu appears, click the "Property".

<STEP 2>

3 Choose the "Settings" menu and select an optimal resolution. (3440 x 1440)

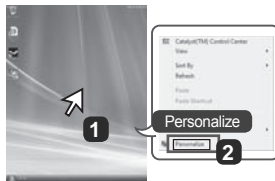**4** Click the [Apply] button to complete resolution setting.

<STEP 3>

5 Select the [Advanced] button.

6 After selecting a monitor screen, select a vertical frequency of 50Hz or 60Hz in "Screen refresh rate (S)."

7 Click the [Apply] button to complete optimal frequency setting.

[Windows Vista]
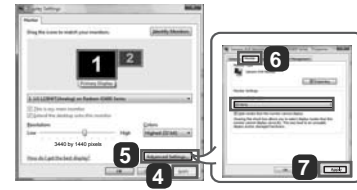

Personalize

Display Settings

<STEP 1>

1 Move the mouse pointer to an empty area on the Windows screen (with no icons or task bars) and click the right mouse button.
2 When the pop-up menu appears, click the "Personalize".

<STEP 2>

3 Choose the "Display Settings" menu and select an optimal resolution.(3440 X 1440)
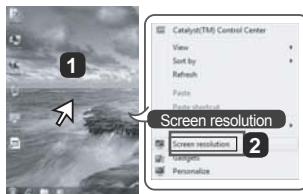
<STEP 3>

4 Click the [Apply] button to complete resolution setting.
5 Select the [Advanced] button.
6 After selecting a monitor screen, select a vertical frequency of 50Hz or 60Hz in "Screen refresh rate (S).
7 Click the [Apply] button to complete optimal frequency setting.

[Windows 7, Windows 8]

Screen resolution

<STEP 1>

1 Move the mouse pointer to an empty area on the Windows screen (with no icons or task bars) and click the right mouse button.
2 When the pop-up menu appears, click the "Screen resolution".

<STEP 2>

3 Choose the "Settings" menu and select an optimal resolution. (3440 X 1440)
4 Click the [Apply] button to complete resolution setting.

<STEP 3>

5 Select the [Advanced] button.
6 After selecting a monitor screen, select a vertical frequency of 50Hz or 60Hz in "Screen refresh rate (S).
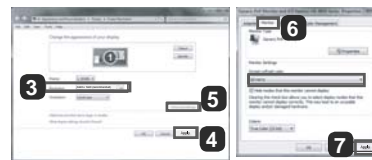**7** Click the [Apply] button to complete optimal frequency setting.

LG monitor Software Introduction/System Requirements

Software	Installation Priority (required/ optional)	Supported Interface			Supported OS			
		Thunderbolt (⚡)	DP (DisplayPort)	HDMI	Win XP (Thunderbolt excluded)	Win Vista (Thunderbolt excluded)	Win 7	Win 8
Screen Split	Optional	O	O	O	O	O	O	O
True Color Finder	Optional	O	O	X	X	X	O	O
TUSB3410 Driver	Required	O	O	X	X	X	O	O
Monitor Driver	Optional	O	O	O	O	O	O	O
ASM Driver	Required	O	X	X	X	X	O	O

- Screen Split: Automatically splits the monitor screen into the desired layouts.
- True Color Finder: Calibrates the color output of the monitor using the hardware calibration function.(A separate calibrator is required.)
- ASM Driver: ASM Driver: Driver file used when transferring data via Thunderbolt (⚡) port in Windows OS.
- TUSB3410 Driver: This driver file is required for USB communication between the monitor and the PC software.
* The software listed above can be installed using the CD provided with the product or downloaded as the latest version from the LG Electronics website.
* Graphics card: It is recommended to use a graphics card that supports 3440 x 1440 resolution.

Installing LG monitor Software

How to Install

- Installing with the CD provided
 : Insert the software CD provided in the product box into the PC's CD drive and install the LG Monitor Software.
   You can also choose to install Screen Split / True Color Finder.

- Downloading from the LG Electronics website
 : Visit the LG Electronics website (www.lg.com) and download the latest software for your model.

On the software CD's main screen, select LG Monitor Software.

In the feature selection step, choose to install programs.

Installation complete

Monitor Driver

- Installation priority (required/optional): Optional
- Usage: The resolution and frequency are adjusted for the monitor.

How to Install

- Installing with the CD provided
 : Insert the user manual CD provided in the product box into the PC's CD drive and install the driver program.
- Downloading from the LG Electronics website
 : Visit the LG Electronics website (www.lg.com) and download the latest driver for your model.

Screen Split (MONITOR Screen Split Software)

- Installation priority (required/optional): Optional
- Usage: Automatically splits the monitor screen into desired layouts (2 sections, 3 sections, or 4 sections).

How to Install

- Installing with the CD provided
 : Insert the software CD provided in the product box into the PC's CD drive and install the LG Monitor Software.
   On the Select Options window, select Screen Split and continue.

- Downloading from the LG Electronics website
 : Visit the LG Electronics website (www.lg.com) and download the latest software for your model.
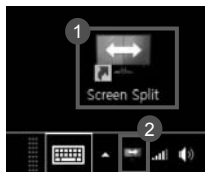

Check "I accept the terms of the agreement" on the License Agreement screen and then click on the [Next] button.

When the installation is complete, restart the system.

How to Run

1️⃣ Double-click on the shortcut icon on the desktop, or
2️⃣ Click on the tray icon at the bottom right of the PC screen.

How to Use

* For details on using the software, refer to the program's Help.

1. Click on the tray icon at the bottom right of the PC screen.

2. Select a screen layout.

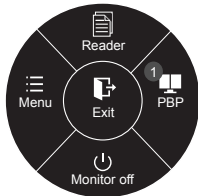3. The screen split layout is applied.

Dual Link-Up (Monitor PBP Function)

- Usage: The monitor displays screens for 2 input sources simultaneously.
* The Dual Link-Up feature requires that one of the two input sources is connected via HDMI.
* Image shown may differ from the product that you are using.

How to Run

1. Connect the monitor to two input sources. (One of the two input sources must be connected via HDMI)
2. Press the joystick button on the bottom of the monitor.
3. Enter PBP. ①

4. Adjust the settings according to the input sources connected.
5. DUAL LINK-UP is applied.

< Main screen >   < Sub screen >

PBP Connection		Sub screen (Right)			
		HDMI 1	HDMI 2	DisplayPort	Thunderbolt (⚡)
Main screen (Left)	HDMI 1	-	O	X	X
	HDMI 2	O	-	X	X
	DisplayPort	O	O	-	X
	Thunderbolt (⚡)	O	O	X	-

* For details on using the software, refer to the product user manual.
* The product user manual is included on the CD provided and is available for download from the LG Electronics website.

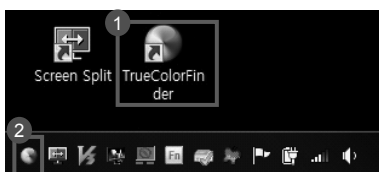# True Color Finder (Monitor Color Calibration Software)

- Installation priority (required/optional): Optional
- Usage: Calibrates the monitor's color output using the hardware calibration function.
    * A separate calibrator is required.
    * Applicable calibrators: LG Calibrator, Spyder3, Spyder4, i1Display Pro, and ColorMunki Photo/Design
    * True Color Finder may not support PBP mode.

How to Install

- Installing with the CD provided
 : Insert the software CD provided in the product box into the PC's CD drive and install the LG Monitor Software.
On the Select Options window, select True Color Finder and continue.

- Downloading from the LG Electronics website
 : Visit the LG Electronics website (www.lg.com) and download the latest software for your model.

How to Run

1. Connect the monitor to the PC using the USB cable.
2. Connect the calibrator to the USB IN port of the PC or the monitor.
3. Start the True Color Finder program.
 ① Double-click on the icon on the desktop.
 ② Click on the tray icon at the bottom right of the PC screen → Start the program.

How to Use

* For details on using the software, refer to the program's Help.

True Color Finder launch screen

Calibration start screen

Guides on Using Product Functions (Mac)

System Requirements

Graphic card			Interface		
			Thunderbolt (⚡)	HDMI	DP (DisplayPort)
3440 x 1440	AMD	Dual AMD FirePro D300 / D500 / D700 (New Mac Pro)	O	O	O

*** In order to use 3440 X 1440 @ 60Hz / 3440 X 1440 @ 50Hz, connect the new Mac Pro.**
* Thunderbolt (⚡) is supported in Mac OS 10.9.1 or later.
* You can connect (daisy-chain) up to two additional monitors through the new Mac Pro Thunderbolt (⚡).
* In order to set the resolution to 3440 x 1440, you may be required to configure the custom settings from the graphics card control panel or update to the latest graphics card driver.
* HDMI supports a resolution of up to 3440 x 1440 @ 50 Hz. In order to use the resolution of 3440 x 1440 @ 60 Hz, use Thunderbolt (⚡) or DisplayPort.
* Support settings are subject to change.

Precautions for Changing Resolution

- Failing to set the video card to the recommended (optimal) resolution may result in blurred text, a dimmed screen, a truncated display area, or misalignment of the display.
- The configuration procedure may differ depending on your computer and/or operating system. Also, some video cards may not support certain resolutions. If this is the case, contact the manufacturer of the computer or video card for assistance.
- Some video cards may not support 3440 X 1440 resolution. It is recommended to use a video card that supports 3440 x 1440 resolution. Even when you set the resolution to 3440 x 1440 on your PC, the actual PC output may not support the resolution.

[Mac]

<Step 1>

1. On the Doc bar, click on the System Preferences icon.

2. When the System Preferences window opens, select “Display.”

System Preferences
Show All
Personal
General
Desktop & Screen Saver
Dock
Mission Control
Language & Text
Security & Privacy
Spotlight
Notifications
Hardware
CDs & DVDs
Displays
Energy Saver
Keyboard
Mouse
Trackpad
Print & Scan
Sound

<Step 2>

3. Select the Scaled option and then select a desired resolution (recommended resolution: 3440 x 1440) and a refresh rate (50 Hz or 60 Hz). The settings are now configured.

Show All
Display
Arrangement
Color
1080i
720p
Gather Windows

Resolution: Scaled
Rotation: Standard
Refresh Rate: 60 Hz
AirPlay Mirroring: No Devices Detected
☑ Show mirroring options in the menu bar when available

<Step 3>

4. In the Display tab, select Best for display. The display is now set to the recommended resolution (3440 x 1440).

Show All
Display
Arrangement
Color
Gather Windows
?

Resolution: ● Best for display
Rotation: Standard
Refresh Rate: 60 Hertz
AirPlay Mirroring: No Devices Detected
☑ Show mirroring options in the menu bar when available

Available Product and OS

Software	Installation Priority (required/optional)	Supported Interface			Supported OS	
		Thunderbolt (⚡)	DP (DisplayPort)	HDMI	New Mac Pro (over Mac OS 10.9.1)	Linux
Screen Split	Optional	O	O	O	O	X
True Color Finder	Optional	O	O	X	O	X
TUSB3410 Driver	Required	O	O	X	O	X

- Screen Split: Automatically splits the monitor screen into the desired layouts.
- True Color Finder: Calibrates the color output of the monitor using the hardware calibration function.(A separate calibrator is required.)
- TUSB3410 Driver: This driver file is required for USB communication between the monitor and the PC software.
* The software listed above can be installed using the CD provided with the product or downloaded as the latest version from the LG Electronics website.
* Graphics card: It is recommended to use a graphics card that supports 3440 x 1440 resolution.
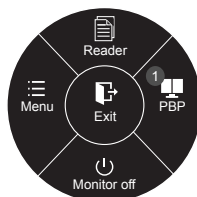
Dual Link-Up (Monitor PBP Function)

- Usage: The monitor displays screens for 2 input sources simultaneously.
* The Dual Link-Up feature requires that one of the two input sources is connected via HDMI.
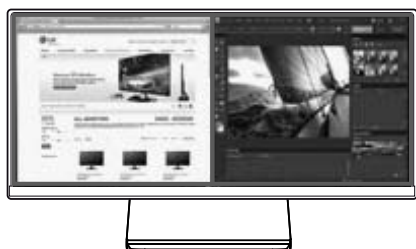* Image shown may differ from the product that you are using.

How to Run

1. Connect the monitor to two input sources.
2. Press the joystick button on the bottom of the monitor.
3. Enter PBP. ①

4. Adjust the settings according to the input sources connected.
5. DUAL LINK-UP is applied.

< Main screen >   < Sub screen >

PBP Connection		Sub screen (Right)			
		HDMI 1	HDMI 2	DisplayPort	Thunderbolt (⚡)
Main screen (Left)	HDMI 1	-	O	X	X
	HDMI 2	O	-	X	X
	DisplayPort	O	O	-	X
	Thunderbolt (⚡)	O	O	X	-

* For details on using the software, refer to the product user manual.
* The product user manual is included on the CD provided and is available for download from the LG Electronics website.

Screen Split (monitor Screen Split Software)

- Installation priority (required/optional): Optional
- Usage: Automatically splits the monitor screen into desired layouts (2 sections, 3 sections, or 4 sections).

How to Install

- Installing with the CD provided
 : Insert the software CD provided in the product box into the PC's CD drive and install the Screen Split.

- Downloading from the LG Electronics website
 : Visit the LG Electronics website (www.lg.com) and download the latest software for your model.

1. When the installation program starts, click on [Continue].
During the installation, you have to accept the license agreement.

2. Enter the Super User password and click on [Install Software].

3. Click on [Close] to finish the installation.

How to Run

- Finder → Applications → Run Screen Split

- Click on the Screen Split icon on the menu bar.

- Search for "Screen Split" in Spotlight search.

How to Use

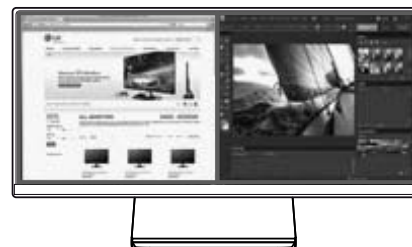* For details on using the software, refer to the program's Help.

1. Click on the tray icon at the bottom right of the PC screen.

2. Select a screen layout.

3. The screen split layout is applied.

True Color Finder (Monitor Color Calibration Software)

- Installation priority (required/optional): Optional
- Usage: Calibrates the monitor's color output using the hardware calibration function.
  * A separate calibrator is required.
  * Applicable calibrators: LG Calibrator, Spyder3, Spyder4, i1Display Pro, and ColorMunki Photo/Design
  * True Color Finder may not support PBP mode.

How to Install

- Installing with the CD provided
 : Insert the software CD provided in the product box into the PC's CD drive and install the True Color Finder.

- Downloading from the LG Electronics website
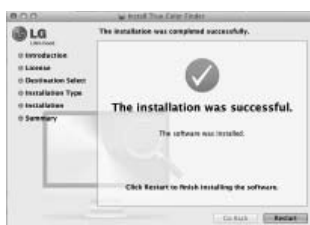 : Visit the LG Electronics website (www.lg.com) and download the latest software for your model.

1. When the installation program starts, click on [Continue].
During the installation, you have to accept the license agreement.

2. Enter the Super User password and click on [Install Software].

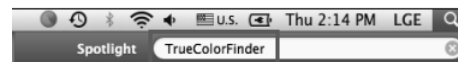3. Click on [Restart] to finish the installation.

How to Run

1. Connect the monitor to the PC using the USB cable.
2. Connect the calibrator to the USB IN port of the PC or the monitor.
3. Start the True Color Finder program.
- Finder → Applications → Run True Color Finder

- Click on the True Color Finder icon on the menu bar and click on "Start Program."

- Search for "True Color Finder" in Spotlight search.

How to Use

* For details on using the software, refer to the program's Help.

True Color Finder launch screen

Calibration start screen

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