

USER MANUAL

LG Digital Signage (MONITOR SIGNAGE)

Please read this manual carefully before operation and retain it for future reference.

Interactive Digital Board

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! NOTE

- Software-related content may be changed without prior notice due to upgrades of the product functions.
- Some features described in the User Manual may not be supported in certain models and countries.

IDB APP

This feature provides writing function. To run IDB, press the  (IDB) button or the local key IDB button on the Touch Assistive Menu.

Function

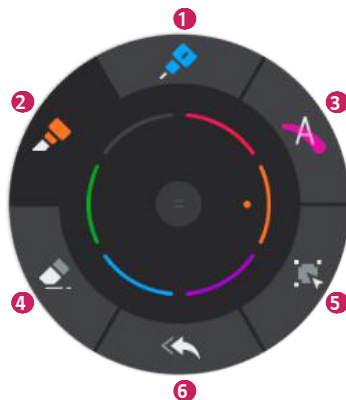
- When running IDB, a blank screen appears, and you can use Touch to draw.
- When you touch the circle icon in the center of the screen, or keep in contact with any part of the screen for a certain period, the circular menu will expand and appear.
- Press the center of the expanded circle menu to change it to a small icon. You can move the position by dragging the middle part.
- In the circular menu, you can change the pen type and color, and you can erase, revert, and select regions.
- Touch the left or right arrows on the screen to display the full menu and you can delete all screens or save the current screen as a file in the internal storage or external storage.
- You can turn Multi-touch on and off in the settings of the full menu. When the Multi-touch function is turned on, the Zoom button appears and, when the Multi-touch function is turned off, you can zoom in and out using two fingers.
- You can exit IDB by using the Exit button in the settings of the full menu.
- For network connection, press the Start button in IDB, run IDB DUO in the PC that is connected to the same router as the Touch model and, when connected, enter the 6-digit token displayed on the IDB.
- To display videos connected via a network or external input cable, select the corresponding item in the connection items of the full menu.
- When a connected video is being displayed, the Markup Mode button will appear if you touch the screen. When switched to the Markup Mode, you can capture the current screen, write on it and save it.







! NOTE

- IDB does not enable keys except for Volume and Power keys.
- When Screen Touch is set to Off, IDB is unavailable.
- IDB is unavailable when Screen Rotation is enabled.
- Using multiple Touch pens and fingers at the same time, or using Eraser may slow down your work.
- Up to 20 devices can be supported when connecting to a network.

Using IDB APP

TOOL MENU



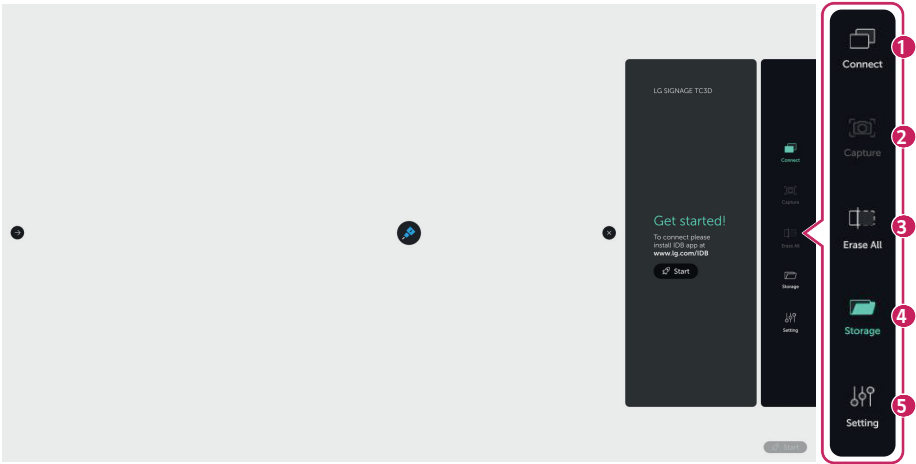
No.	Item	Description
①	 Pen	You can select Pen and the desired color.
②	 Marker	Marker is thicker than Pen and you can choose the desired color.
③	 Highlighter	Highlighter is translucent, unlike Marker or Pen, and you can choose the desired color.
④	 Eraser	By using Eraser, you can partially erase pictures drawn with Pen, Marker or Highlighter. You can also adjust the size of Eraser.
⑤	 Select	You can select a drawn picture. You can also adjust its size or move and erase it.
⑥	 Undo	You can restore the picture to the previous state.

! NOTE

- Available Pen/Marker colors: 
- Pen color is set to black and white for whiteboard and blackboard, respectively.
- Available Highlighter colors: 
- Eraser, Undo, and Select tools are activated after writing.

GLOBAL MENU

Global Menu can be accessed from both sides.



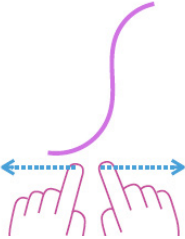
No.	Item	Description
1	[Connect]	Starts/ends connection sessions. When devices are connected, you can check the list and select devices.
2	[Capture]	Captures the current screen.
3	[Erase All]	Erases all pictures drawn on the screen.
4	[Storage]	You can check the list of capture files stored in the internal/external storage device to open, copy or delete the files.
5	[Setting]	<ul style="list-style-type: none">• Turns on/off Multi draw• Whiteboard/Blackboard - Changes the background color.• Open source license• Exit from app

! NOTE

- [Capture] and [Erase All] are activated after writing.
- The values of Multi draw, Whiteboard, and Blackboard in Setting remain after IDB ends.

Multi draw

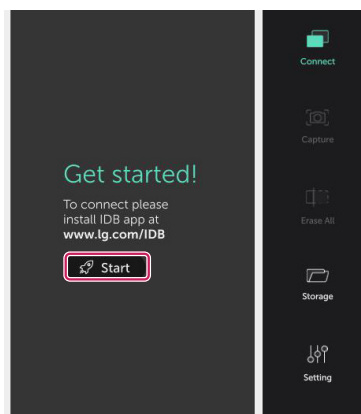
- When set to [Multi Draw On]
 - 10-touch point is supported for simultaneous writing.
 - The hand, zoom-in, and zoom-out tools appear and two-finger gestures are disabled.
- When set to [Multi Draw Off]
 - The zoom-in and zoom-out functions using two fingers can be used.
 - Writing is available with only 1-point touch.
- Zoom in/Zoom out

Zoom in (maximum 500%)	Zoom out (minimum 100%)
	

Connect

Connect with network

- 1 Install the IDB Duo application on the PC.
- 2 On the IDB app, click the Start Session button to create a token.



- 3 Run the IDB Duo application on the PC, search for devices and enter the token. (See page 10)
- 4 Select the screen to share on the PC. (See page 11)

! NOTE


- The Signage and PC to be connected must be connected to the same network.
 - Activation of the UPnP function in the Signage ([general] > [Network] > [UPnP]: Set to [On])
- If you cannot search for Signage devices in IDB Duo on the PC, check the PC's firewall settings or security program.

Connect via external input cable

Share a screen in IDB using external input cables, such as HDMI and DVI.


Select shared screen

Select a connected device to start Screen Share. Reselect the device to stop Screen Share.

Touch the  button that appears when you touch the screen during Screen Share to end Screen Share.



Write on shared screen (the markup mode)

Touch the screen during Screen Share to display the  button.

Touch  button to switch to the Markup Mode, in which you can capture the shared screen and write on it.

IDB DUO

System Requirements

Windows

Operating system: Windows 7, Windows 10 (32bit or 64bit)

CPU: 2.7GHz+ Dual Core Broadwell or newer

Memory: 4 GB RAM

Hard drive: 1 GB of free space

Graphics hardware: Intel Iris or newer, Nvidia, ATI

macOS

Operating system: macOS 10.12 "Sierra" or newer

CPU: Any CPU

Memory: 4 GB RAM

Hard drive: 1 GB of free space

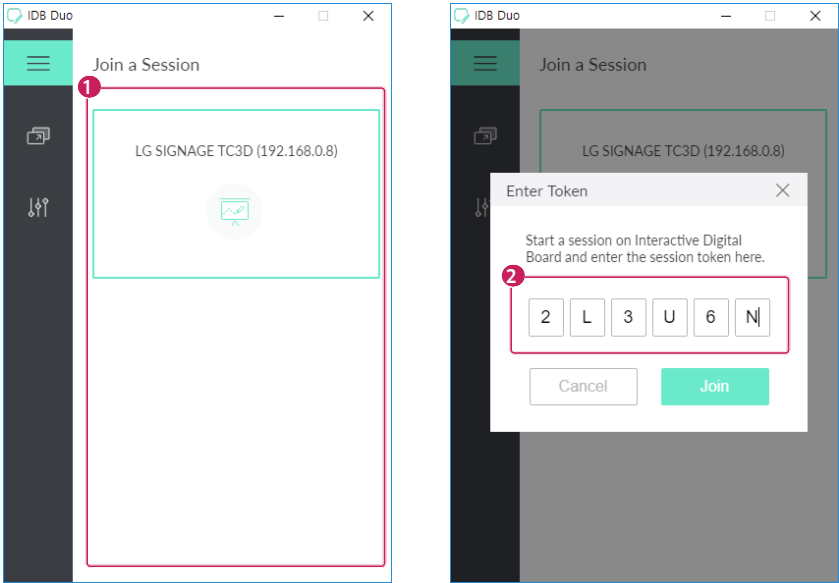
Graphics hardware: Any GPU

NOTE

- It is recommended to use Aero for Windows 7.

Join a Session

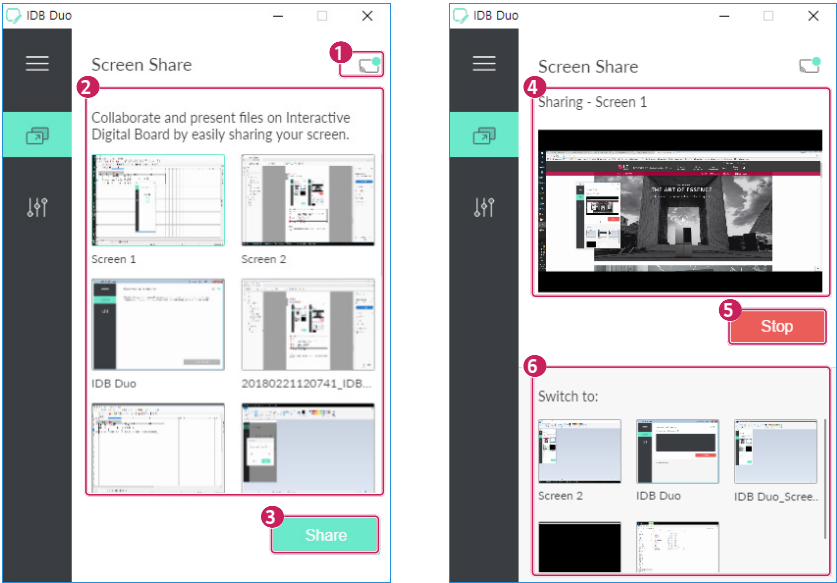
When you install and run the IDO Duo application on the PC, devices available for connection will be searched.



No.	Item	Description
1	List of devices	Shows devices available for connection. If multiple devices are available for connection, they are listed under the selection area.
2	Enter token	Enter the token that appears on the set to connect to the set.

Screen Share

Select the screen of the PC to be shared with IDB.



No.	Item	Description
1	Status icon	
2	Screen list	Shows the full PC screen and list of running applications. Terminated or minimized applications are not shown on the list.
3	Share	Touch this button to start Screen Share.
4	Thumbnail	Displays the thumbnail screen that is being shared.
5	Stop	Stops Screen Share.
6	Switch screen	Switches the shared screen.

! NOTE

- Once Screen Share starts, it is displayed on the connection list under IDB's Global Menu. You may stop or re-start Screen Share in IDB.

Settings

Allows you to see information about the IDB Duo application or change languages.

