

ALIZEY DISPLAX LG PCAP OVERLAY



User
Guide

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PRODUCT OUTLINE

ALIZEY DISPLAX LG PCAP OVERLAY kit is based on DISPLAX's SKIN MESH touch technology. It has great touch performance and is completely see-through, which makes the solution unique in its transparency.

Installing the overlay kit requires minimal effort, as it attaches to the display with just a few screws and brackets in few minutes. It's easy to use, 10 point-touches, premium responsiveness, and compatible with LG Web OS. There is an overlay to fit most standard sizes, with options for 32", 43", 55", 65", 75" and 86".

The touch controller is an HID device, allowing to be plug and play in a wide range of operating systems.

This product is useful in a wide range of interactive signage and information kiosk applications: classrooms, meeting rooms, cinemas, museums, retail stores, wayfinding kiosks, self-ordering kiosks, among others.

STANDARD SIZES

32" - 43" - 55" - 65" - 75" - 86"

BENEFITS

- Metal Mesh based sensor
- High optical transmission
- Pristine image display
- Ideal for high volume touch integrations
- Easy to assemble with few screws

KEY FEATURES:

- Robust Noise Filtering
- Auto-tuning Software
- Reliable Touch Performance

TYPICAL INSTALATIONS:

- Classrooms & Meeting Rooms
- Self-Service Kiosks
- Experiences

SPECIFICATIONS

10

Finger Touches

5

Up to 5mm
Glass Thickness

8_{ms}

Fast Response



Palm Rejection



Anti-Glare
Glass

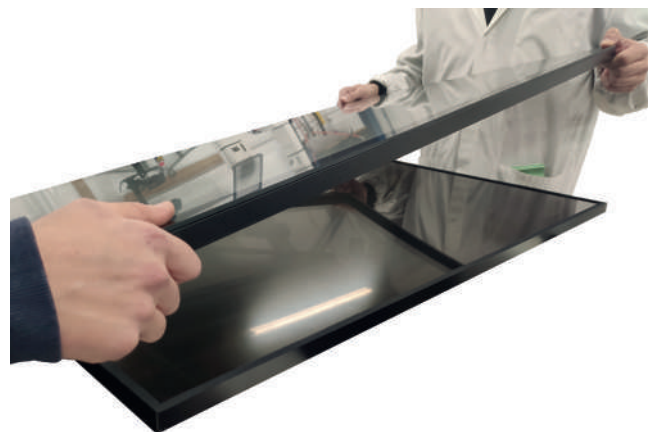
webOS

Web OS
Compatible



Great Performance at High Transparency

“ Turn your LG UHD displays into truly touch-responsive experiences, delivering reliable and superior commercial-grade products.

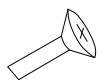


ASSEMBLY AND PREPARATION

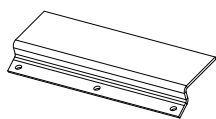
Before starting the installation, please check your product box for the items listed below. If any of these accessories are missing, contact the local reseller where you purchased your product.

Note: The illustrations in this manual may differ from the actual product and accessories.

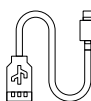
Accessories 32"



M3 Screw **X 6**



Side Bracket **X 2**

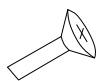


USB Cable

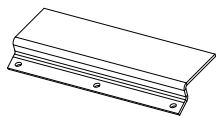


Ground Cable

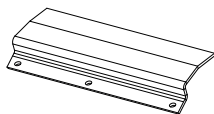
Accessories 43"



M3 Screw **X 12**



Side Bracket **X 2**



Bottom Bracket **X 2**



USB Cable

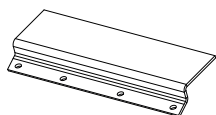


Ground Cable

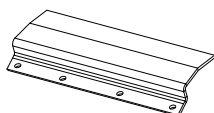
Accessories 55"



M3 Screw **X 16**



Top Bracket **X 2**



Bottom Bracket **X 2**

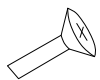


USB Cable

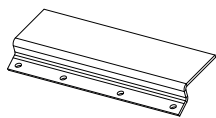


Ground Cable

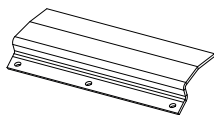
Accessories 65" - 75" - 86"



M3 Screw **X 17**



Top Bracket **X 2**



Bottom Bracket **X 3**



USB Cable



Ground Cable

CAUTION

Always use genuine components to ensure safety and product performance. The product warranty will not cover damage or injury caused by the use of unauthorized accessories.

NOTE

Product specifications or contents in this manual may be changed without prior notice due to upgrade of product functions.

Compatibility

Sizes	Supported LCD Series	LCD Dimensions (WxHxD)
32"	SE3KE; SM5KE; 32SM5J	729,4 × 428,9 × 55,5 mm
43"	UM3DF; UH5F; UH5F-H	962,5 × 568 × 39,9 mm
55"	UM3DF; UH5F; UH5F-H; UH7F; UH7F-H	1234,4 × 720,9 × 39,9 mm
65"	UM3DF; UH5F; UH5F-H; UH7F; UH7F-H	1453,3 × 844 × 39,9 mm
75"	UH5F-H	1682,4 × 960,3 × 57,9 mm
86"	UH5F-H	1926,2 × 1246,8 × 60,6 mm

Safety Precautions

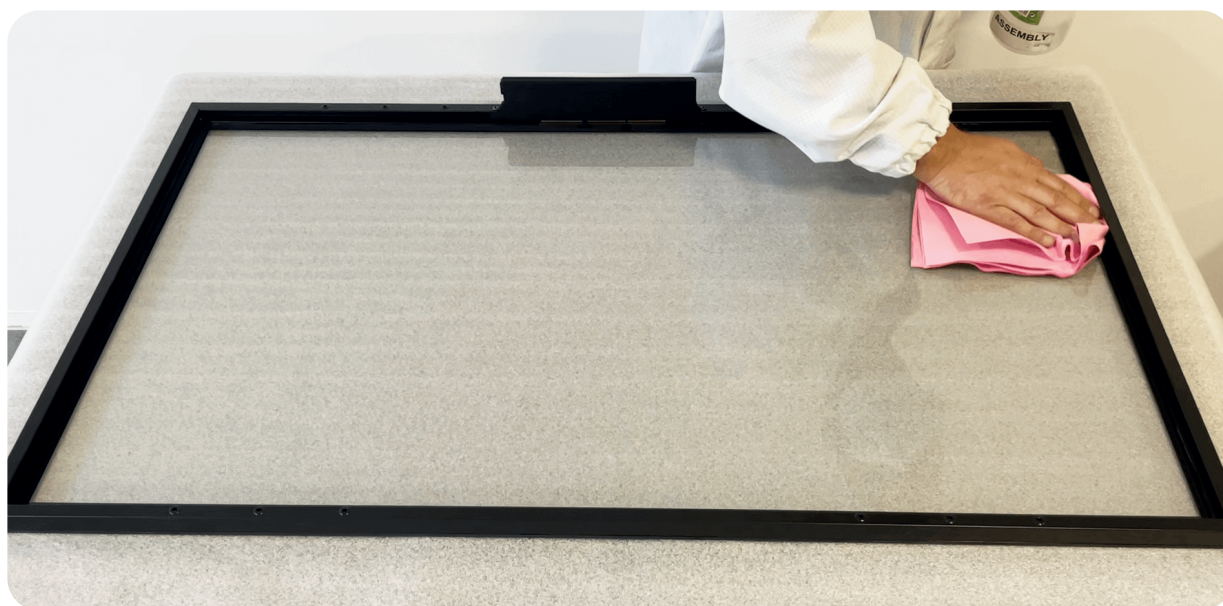
- The product should be installed by qualified professionals.
- The product should be installed where its weight can be fully supported. If installed on a weak surface, the product may fall, causing damage and injury.
- The product should be handled by two people, one on each side of the Overlay to avoid improper handling that may cause serious damages to the product.
- When handling, storing or loading the product, take care not to subject it to pressure, cause any impact or drop it.
- The product should be handled with gloves to avoid fingerprints or smudges (neoprene or lint free cotton).
- Do not handle the product by holding the touch controller box in order to avoid damage.
- Do not put a heavy, hard or sharp object on top of the product.
- Try to avoid static electricity when handling. Use anti-static measures.
- Storage temperature humidity: 0% to 80%, at 60°C, non-condensing.

Assembly Instructions

- Before installing the product, if there are any water drops or foreign materials on the inner/outer side of the glass, wipe them out with a soft cloth.
- Assemble the product in a clean, uncontaminated area to prevent dust or foreign material from getting between the Overlay and the LCD screen.

1 Place a soft cloth on the table and place the PCAP Overlay Kit over it.

2 Make sure the inside surface of the Overlay is properly clean using a mild cleaning solution and a soft, dry cloth.



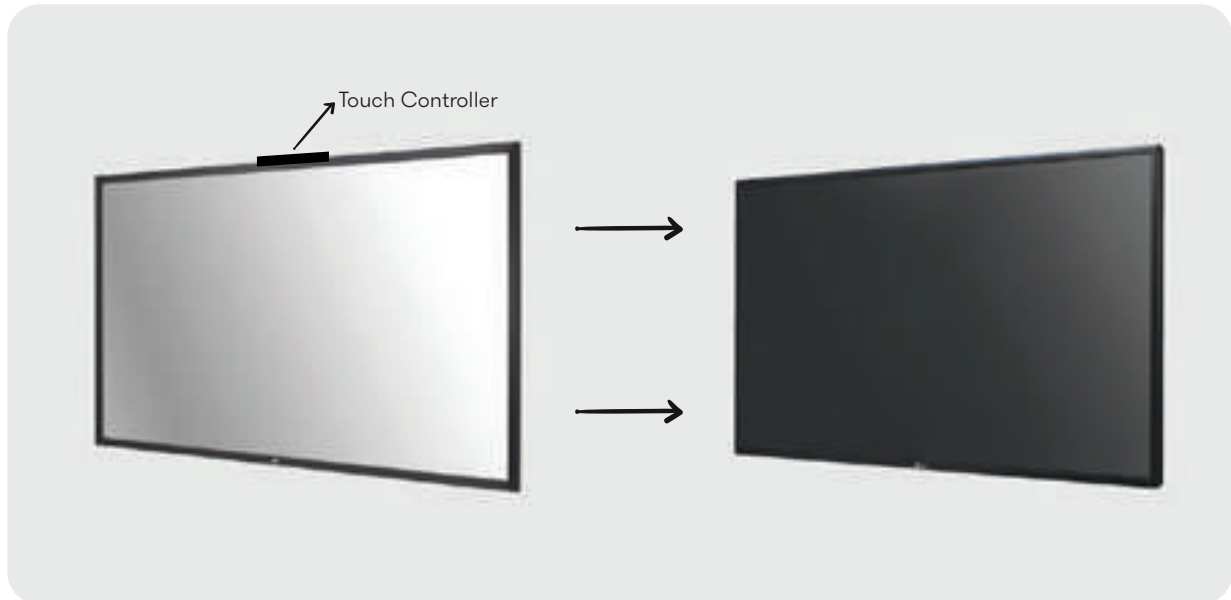
- 3** Do the same procedure on the LCD surface. Make sure no dust or particles are left between the LCD and the Overlay.



- 4** Gently, place the Overlay on top of the LCD with a 45° angle. Start by placing the top part of the Overlay where the PCB is located. This procedure should be done by two persons.



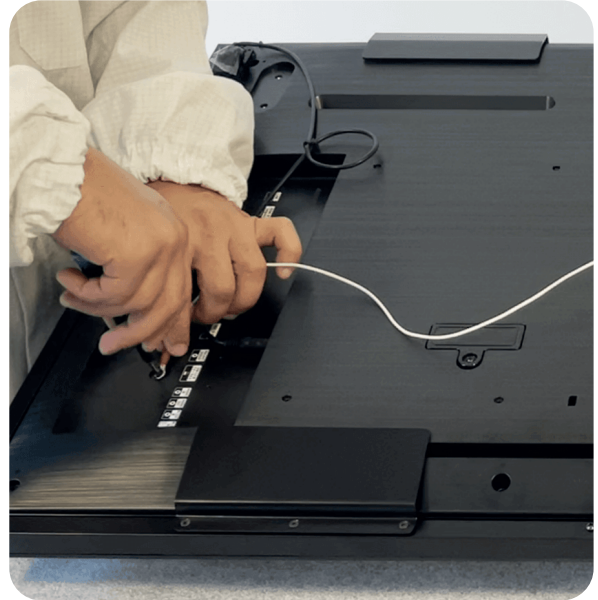
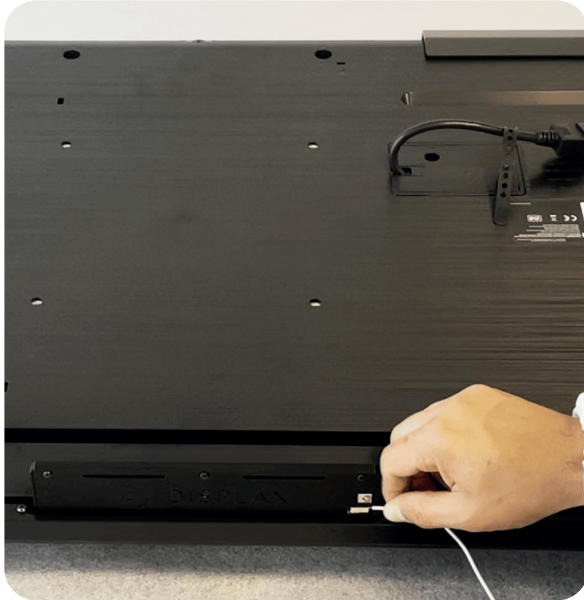
Attention! The touch controller should be placed on the top part of the LCD.



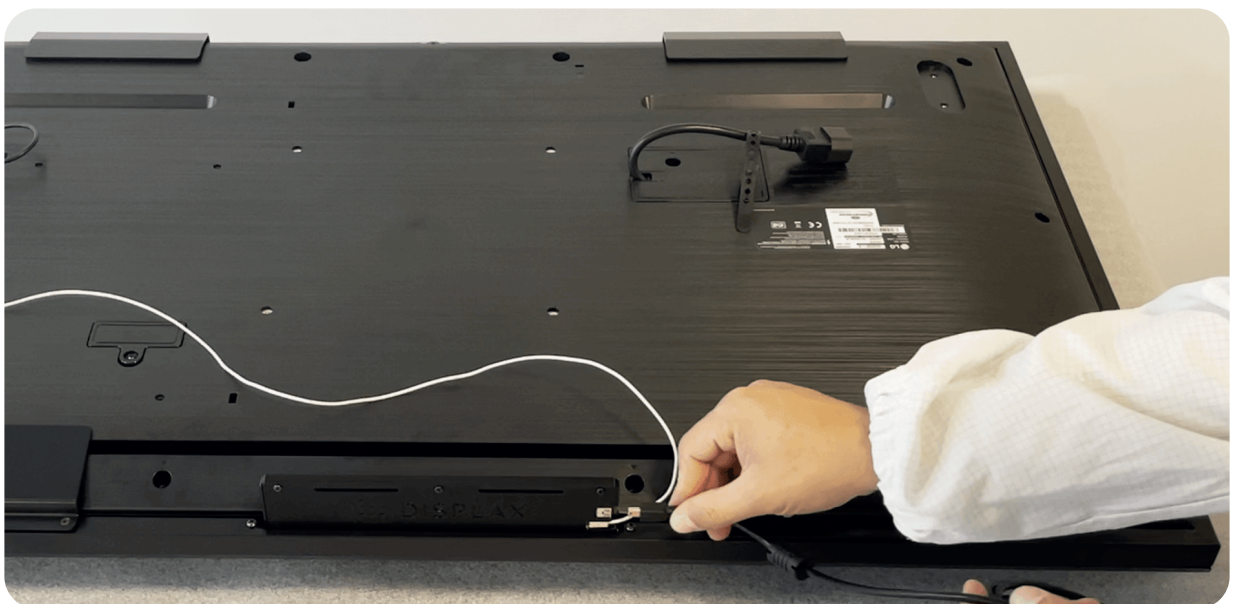
5 Use the M3 screws to attach the top and bottom brackets provided, as well as the side brackets if applicable. Make sure all M3 screws are well attached to the brackets.



- 6** Connect the Ground Cable to the PCB and attach the other end to the LCD.



- 7** Connect the mini USB port to the touch controller as illustrated.



8 The LCD is now touch-responsive and is ready to use. Just plug the other end of the USB cable to the OS of your choice, including Web OS.

Before Use

Set the picture mode of the monitor to the **Game mode**.
For more information on setting the mode, see the owner's manual of the monitor.