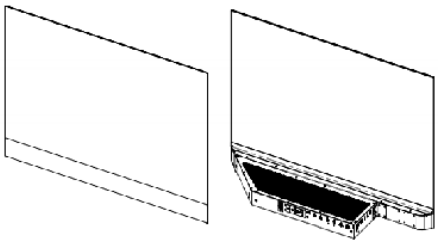
Quick Start Guide

Planar LookThru Transparent OLED Display

Read this Document Before Unpacking!

Planar LookThru Transparent OLED Display Package Contents

Part	Description	Number	Picture
Display	One per box.	1	
AC Power Cord	North American power cord.	1	
IR Extender Cable	Used to receive signals from the remote control.	1	
HDMI Cable	HDMI cable.	1	
Remote Control	Used to control the display.	1	
Batteries	AA batteries	1	

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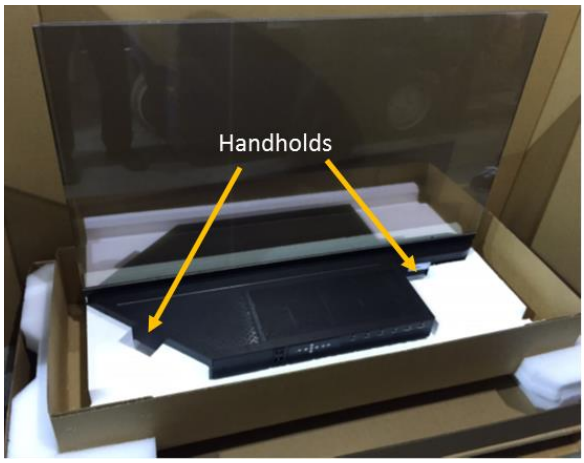
Safe Handling

- When removing the display from its shipping box, use the indicated handhold locations shown in the picture below. Also grip the underside of the Display Glass in lifting the display from the shipping box.



- We recommend the display be handled by at least two people. At no time should the glass be held where the weight of the display is borne by the glass. Proper handling is demonstrated in the picture below.

- Be certain any surface where the display will be placed can safely support the 70 lbs (31.8 kg) weight of the display.
- We recommend using the shipping box for transport whenever possible.

Environmental Considerations

- The Planar LookThru LO552 is intended for indoor use only.
- Displays should only be installed in an environment where the temperature and humidity are kept within the proper use range. See the Environmental Specifications in the Planar LookThru Transparent OLED Display User Manual.
- Planar LookThru LO552 displays should not be operated on a carpet that can stifle ventilation through the perforations in the underside of the electronic box.
- Planar LookThru LO552 displays are not designed to be sunlight readable.
- Do not locate the displays in direct sunlight or where the Display Glass will be exposed to ultraviolet (UV) light.

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- The electronic box should not be located near heat sources or in an environment where there is less than 0.47 inches (12 mm) of free space on all sides. Note that the Display Glass and the Display Chassis do not rise in temperature much above ambient during operation.
- For best use of the display transparency, make certain there is adequate illumination in the space behind the screen so that items of interest can be viewed optimally through the display. We recommend experimenting with the level and orientation of the illumination.

Installation Disclaimer

Proper installation of the display is the responsibility of the end customer. Failure to follow the safety and installation instructions in this manual, Content Developer's Guide or Fabricator's Guide, or any installation of the display in a manner not described in this manual, Content Developer's Guide or Fabricator's Guide, may result in damage to the display or unsafe conditions, which will not be covered by the product warranty.

Requirements for All Installations

Make sure the surface or structure where the display is to be mounted is capable of supporting the weight of the display or displays to be used. Consult the "Specifications" section in the Planar LookThru Transparent OLED Display User Manual for weights and measures.

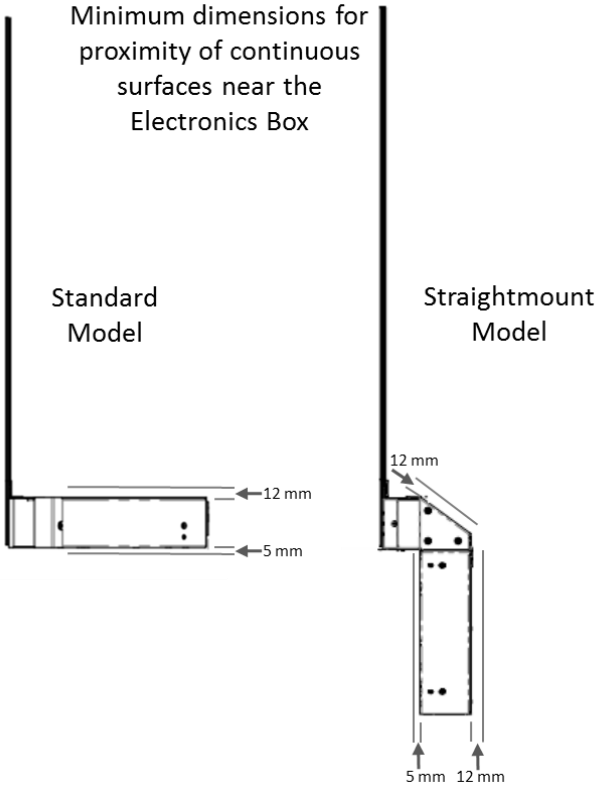
If the display is to be attached to a surface or structure, use the five M6 mounting points in the Display Chassis as the primary attachment point. The mounting holes in the electronic box employed can provide supplementary support but should not be used for mounting by themselves. No fewer than three of primary mounting holes should be used in any installation.

Make sure the Display Glass maintains a neutral position and is not loaded in any way. The front Display Glass surfaces should be mounted straight and plumb, i.e. perpendicular to the horizontal in all axes.

For mounting a Planar LookThru LO552, the leveling feet and counterweight must be removed. Using two people, we recommend carefully laying the Display Glass on a suitable countertop with a soft surface with the electronic box perpendicular to the counter. The leveling feet and counterweight can then be removed safely.

The perforations in the electronic box are a part of the thermal management system and should never be covered or have any solid surface be located closer than what is defined in the figure to the right. This keep-out restriction does not apply under or on top of the Display Chassis.

We do not recommend that the Straight Mount Model be mounted where the weight of the display is carried by the bottom surface of the electronic box.



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Quick Start Guide

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Multiple Displays

In an installation where one or more displays are mounted above one another, make certain each display is mounted independently. The weight of a display or displays mounted above another should not be borne by the lower display.

The Display Glass must be properly aligned and plumb before attachment of the tiling hardware. The tiling hardware should not be used to bring the Display Glass into alignment. This will create a permanent load on the glass. Shim and adjust placement of the display at the mounting points to bring the glass into proper position.

Do not overtighten the tiling hardware.

Turning on the Display

1. Attach the power cable to the power receptacle and connect the video cable. The display is shipped with an HDMI cable and the HDMI1 input as default.
2. Install batteries in the Remote Control.
3. Turn on the power. After approximately 15 seconds, the Planar splash screen should appear.
   - If no video is connected, the default full white screen should be visible.
   - If a functioning video signal is attached to HDMI1, that HDMI signal should be visible.
4. If another input is used or an image is not shown, use the Remote Control or the keypad on the back of the display to access the OSD by pointing at the perforated surface at the center/top/rear of the Electronics Box.

   The Remote Control will work from behind the screen or through the glass.

   For the LO552 Straightmount product, this will require access from behind the display.
5. To change the video input using the OSD, select Input and Views/Zone1/(The video input you've used, e.g. HDMI 1 or DP (Display Port)).

For the Planar LookThru Transparent OLED Display User Manual, RS232 User Manual, Content Developer's Guide, Fabricator's Guide and other user documentation, please visit www.planar.com/LookThru and click on the downloads tab.

Source code for software licensed under the GPL or certain other open source licenses is available at www.planar.com/opensource.

If you prefer, you can receive a copy of the source code on a CD-ROM or USB drive by writing to Planar Systems, Inc., Attn: LookThru Product Marketing, 1195 NE Compton Drive, Hillsboro OR 97006 USA. You will be charged for the actual costs of providing the code, including media and postage. This offer is valid for three years from our distribution of the product.

Source code is not covered by the Planar product warranty. Source code is provided AS IS, with no warranties, representations or conditions of any kind. Planar will have no liability for your use of the source code.

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