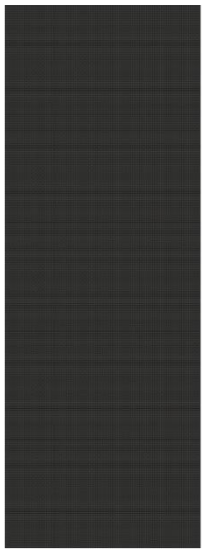
Quick Start Guide

Planar UltraRes L Series Displays

Read this Document Before Unpacking!

Planar® UltraRes™ L Series Displays Installation Process

Package Contents

Part	Description	Number	Picture
Left mount bar	Provides left structure for LED columns to wall or rolling stand.	2	
Right mount bar	Provides right structure for LED columns to wall or rolling stand.	2	
LED columns	Provides mounting structure for LED modules and precision surfaces and features for alignment, labeled 1 through 5. **Note:** All columns are mechanically or electrically different and are installed in order. The installation positions cannot be swapped.	5	
Left electronics	Provides electronic functions for the display.	1	

Planar is a trademark of Planar Systems, Inc.
All other trademarks and service marks are the property of their holders.

Copyright© 2023 Planar Systems, Inc. All rights reserved.
This document may not be copied in any form without permission from Planar.
Information in this document is subject to change without notice. 5/23

Quick Start Guide

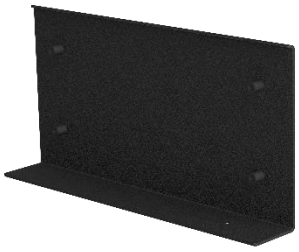
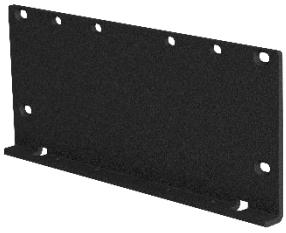
Planar UltraRes L Series Displays

Part	Description	Number	Picture
Right electronics	Provide electronic functions for the display.	1	
Left front cover, comes attached to above left electronics	Provides front cover for left electronics and holds screen bottom touch sensor electronics.	1	
Right front cover, comes attached to above right electronics	Provides front cover for right electronics and holds display bottom touch sensor electronics.	1	
Left side trim	Provide display trim on left side and holds screen left side touch sensor electronics.	1	
Right side trim	Provide display trim on right side and holds screen right side touch sensor electronics.	1	
Top left trim	Provide display trim on top left side and holds display top left touch sensor electronics.	1	
Top right trim	Provide display trim on top right side and holds display top right touch sensor electronics.	1	

Planar is a trademark of Planar Systems, Inc.
All other trademarks and service marks are the property of their holders.

Copyright© 2023 Planar Systems, Inc. All rights reserved.
This document may not be copied in any form without permission from Planar.
Information in this document is subject to change without notice. 5/23

Accessory Kit

Part	Description	Number	Picture
Jack screw bracket	Provide column position adjustment. Attaches to mounting bar and positions jack screw mounting threads.	8	
Column alignment plate	Provide vertical adjustment for installed columns.	4	
Front cover	Provides aesthetic front cover for electronics box seam.	1	
Front cover bracket	Provides structural strength for electronics box attachment.	1	
AC power cord	Provide AC connection to the display.	1	
IR sensor	Used to receive signals from remote control.	1	
HDMI cable	Provide audio and video input to the display.	1	

Planar is a trademark of Planar Systems, Inc.
All other trademarks and service marks are the property of their holders.

Copyright© 2023 Planar Systems, Inc. All rights reserved.
This document may not be copied in any form without permission from Planar.
Information in this document is subject to change without notice. 5/23

Quick Start Guide

Planar UltraRes L Series Displays

Part	Description	Number	Picture
USB cable	Connects to a PC for touch functionality and serial commands.	1	
Remote control	Used to control the display.	1	
Battery	AAA for remote.	2	
Gloves	Used to handle columns and LED modules.	2 pairs	
Quick Start Guide		1	
Module removal tool/charger	Removes LED modules of the display.	1	
Signal flex cable	Provides signal between LED columns.	3	
Tab screw	Attaches electronics assembly to the bottom of the LED columns and attaches handles to columns, M4x8.	9	

Planar is a trademark of Planar Systems, Inc.
All other trademarks and service marks are the property of their holders.

Copyright© 2023 Planar Systems, Inc. All rights reserved.
This document may not be copied in any form without permission from Planar.
Information in this document is subject to change without notice. 5/23

Quick Start Guide

Planar UltraRes L Series Displays

Part	Description	Number	Picture
Bracket screws	Bracket to electronics assembly, M3x6 panhead screw w/ lock and flat washer.	8	
Trim screw	Attaches top trim to side trim; M3x20 flathead screw.	2	
Trim, front covers, front cover, front cover bracket, bracket, front covers screw	Attaches side trim to electronics, bracket to electronics, front cover bracket to front covers, front cover to front cover bracket; M3x6 flathead screw.	46	
Column alignment plate screw	Attaches column alignment plate to top of columns; M4x10 flathead screw.	8	
Mount bar, column, electronics assemblies screw	Attaches mount bars together, column 4 to column 5, and base of columns to electronics assembly; M5x10 panhead screw w/ lock and flat washer	10	
Handles	Attaches to column for optional installation.	2	
Tool Kit	4M hex ball end wrench, 2X magnet adjustment tool, and #1 Phillips screwdriver	1 set	

Planar is a trademark of Planar Systems, Inc.
All other trademarks and service marks are the property of their holders.

Copyright© 2023 Planar Systems, Inc. All rights reserved.
This document may not be copied in any form without permission from Planar.
Information in this document is subject to change without notice. 5/23

Environmental Considerations

The Planar UltraRes L Series 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 UltraRes L Series User Manual.

Installation Disclaimer

Proper installation of the Planar UltraRes L Series is the responsibility of the end customer. Failure to follow the safety and installation instructions in this manual or the User Manual and the 2D and 3D dimensional drawings 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 UltraRes L Series User Manual for weights and measures. Also consult the 2D and 3D dimensional drawings for each Series as found on Planar.com.

Installation

It is highly recommended that the UltraRes-L Series User Manual and UltraRes-L RS232 User Manuals be reviewed prior to installation. These and other useful documentation may be downloaded at www.planar.com/UltraRes-L and browsing to the downloads link.

Handling Instructions

- Columns come with LED modules installed. LEDs on the front of LED modules are fragile. Limit the amount of touching of the LED modules.
- To preserve the finish of the trim parts, any assembly of components should be done on a flat soft surface.
- It is recommended to have two people to assemble components to the wall.
- Weight Guide:

Size	Assembled Mount Bar	Column	Assembled Electronics
136”	14 lbs	50 lbs	60 lbs

- Columns should not lay flat outside of the package.
- It is recommended to keep parts in the packaging until needed for assembly.

Planar is a trademark of Planar Systems, Inc.
All other trademarks and service marks are the property of their holders.

Copyright© 2023 Planar Systems, Inc. All rights reserved.
This document may not be copied in any form without permission from Planar.
Information in this document is subject to change without notice. 5/23

Quick Start Guide

Planar UltraRes L Series Displays

Before installation, keep the following points in mind:

- The Planar® UltraRes™ L Series displays are heavy. Be sure that the structure has adequate design to support the weight of each display to be mounted.
- Use properly sized hardware for the weight to be supported as well as suited to the type of structure to which the mounts will be attached.
- The touch frame is not used to lift or support the display or touch performance may be compromised.

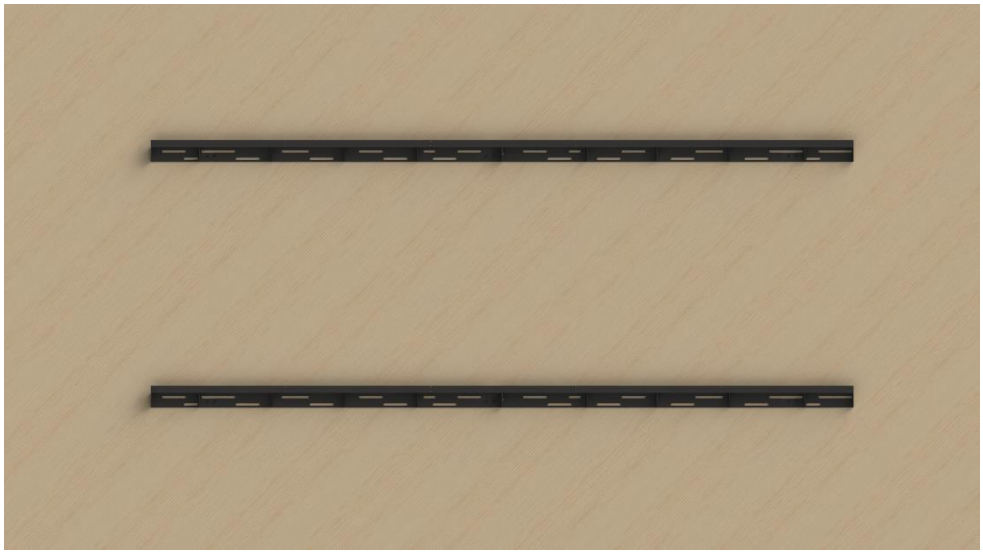
1. Open end of crate attached with 8x bolts

2. Open internal protective bag and review contents

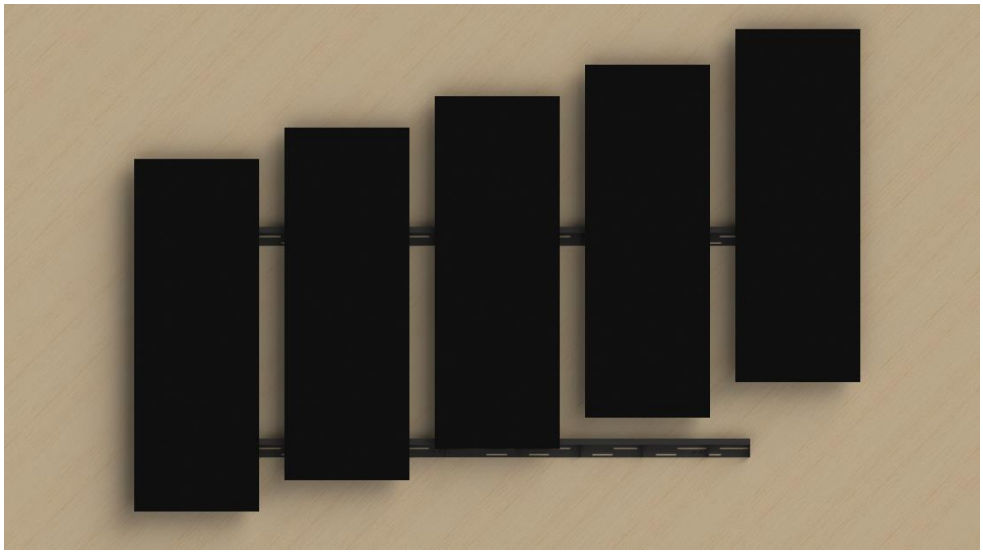
Planar is a trademark of Planar Systems, Inc.
All other trademarks and service marks are the property of their holders.

Copyright© 2023 Planar Systems, Inc. All rights reserved.
This document may not be copied in any form without permission from Planar.
Information in this document is subject to change without notice. 5/23

3. Assemble and install mounts on structure



4. Remove and install columns in numeric order



Planar is a trademark of Planar Systems, Inc.
All other trademarks and service marks are the property of their holders.

Copyright© 2023 Planar Systems, Inc. All rights reserved.
This document may not be copied in any form without permission from Planar.
Information in this document is subject to change without notice. 5/23

5. Assemble and install electronic components

6. Install cables

Planar is a trademark of Planar Systems, Inc.
All other trademarks and service marks are the property of their holders.

Copyright© 2023 Planar Systems, Inc. All rights reserved.
This document may not be copied in any form without permission from Planar.
Information in this document is subject to change without notice. 5/23

Quick Start Guide

Planar UltraRes L Series Displays

Turning on the Display

1. Attach the power cable to the power receptacle and connect a video cable.
2. Install the batteries in the remote control.
3. Attach the IR sensor to the IR input on the display.
4. Turn on the power. After approximately 15 seconds, the Planar splash screen should appear.
   - If no video is connected, the default full black screen will be visible.
   - If a functioning video signal is attached, that signal should be visible.
5. If another input is used or an image is not shown, use the remote control or the keypad on the bottom of the display to access the OSD.
6. 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)).

Cleaning the Display

If dust has collected on the power plug, remove the plug from the outlet and clean off the dust. Dust build-up may cause a fire.

Remove the power plug before cleaning. Failure to do so may result in electrical shock or damage.

Keep the following points in mind when cleaning the surface of the display:

- When the surface of the display becomes dirty, use an ESD safe brush or no residue tack material to clean.
- Do not let cleaner seep into the display, as it may cause electrical shock or damage.
- Refer to the Planar Display Cleaning Guidelines for more information.

Cable Length Recommendations

Cable length performance may vary between different cables and sources. The recommended maximum DisplayPort length is 3m for DisplayPort 1.2 and 5m for DisplayPort 1.1. HDMI cable length is recommended as follows:

- 4K @ 50/60Hz: 5m maximum
- 4K @ 24/25/30Hz: 15m maximum
- 1080p @ 60Hz and lower resolutions: 30m maximum

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: Large Format Displays 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.

Planar is a trademark of Planar Systems, Inc.
All other trademarks and service marks are the property of their holders.

Copyright© 2023 Planar Systems, Inc. All rights reserved.
This document may not be copied in any form without permission from Planar.
Information in this document is subject to change without notice. 5/23