

LDP216-251

All-in-One Direct View LED Display

Quick Start Guide

快速安装说明

快速入門指南

Guide de démarrage rapide

Schnellstartanleitung

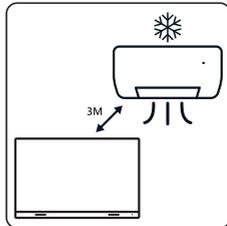
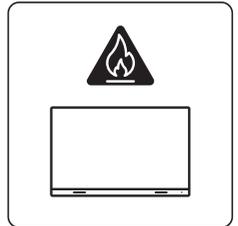
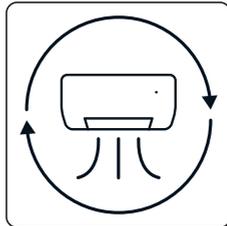
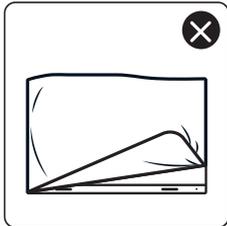
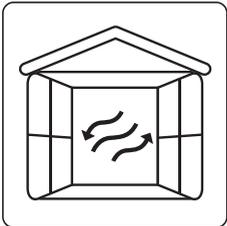
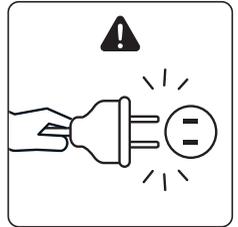
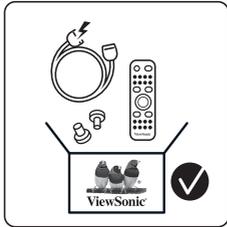
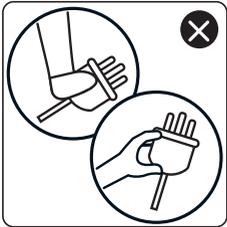
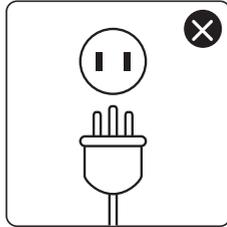
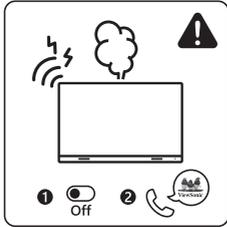
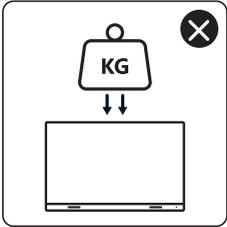
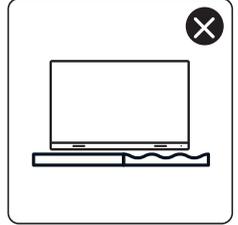
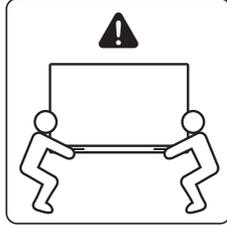
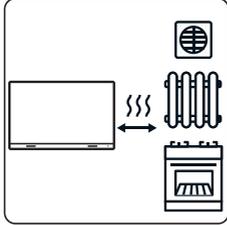
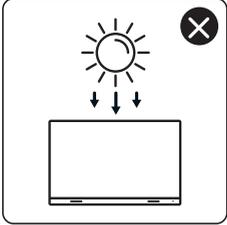
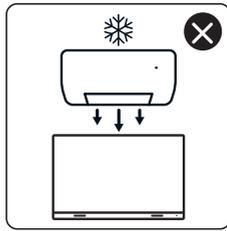
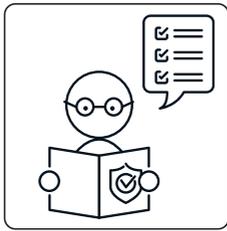
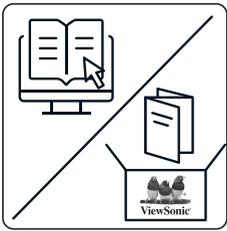
Guía rápida de inicio

Hızlı Başlangıç Kılavuzu

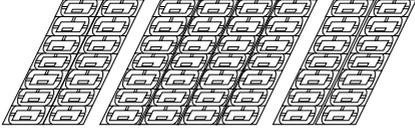
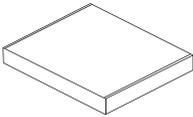
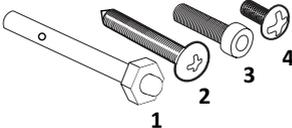
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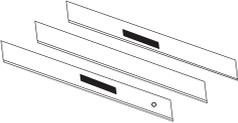
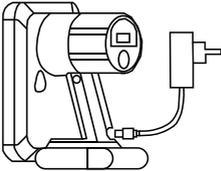
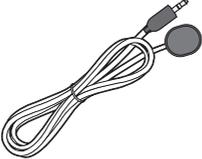
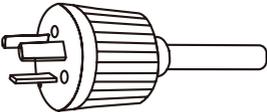
краткое руководство по началу работы

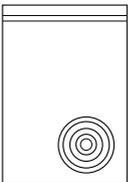
دليل البدء السريع



Package Contents

	Item	Quantity	Note
Cabinet Sections		8 sections total	
System Control Box (Left and Right sides)		2 sides	
Quick Start Guide		1	
LED Modules		128	The quantity of spare LED modules will vary by country.
Remote Control		1	
Screws		48 x M6x50mm Expansion (1) 48 x TA6x30mm (2) 32 x M6x10mm (3) 18 x KM3x6mm (4)	
Hex Tool (Allen wrench)		2	1 x 5 mm 1 x 8 mm

	Item	Quantity	Note
System Control Box Covers (Left, Middle, and Right sides)		3	
Wall Mounting Brackets		4	
Vacuum Suction Tool		1	
Anti-Static Gloves		2 pairs	
LAN Cable (5m)		1	
IR Extender (3m)		1	
Power Cord		2	Power consumption is large, so two power cords and two dedicated power outlets are required.

Item	Quantity	Note
Bag with LEDs 	1 bag (1,000 pieces)	Replacement LED beads specific to module batch number. Cannot be used on different LED module batch(es).

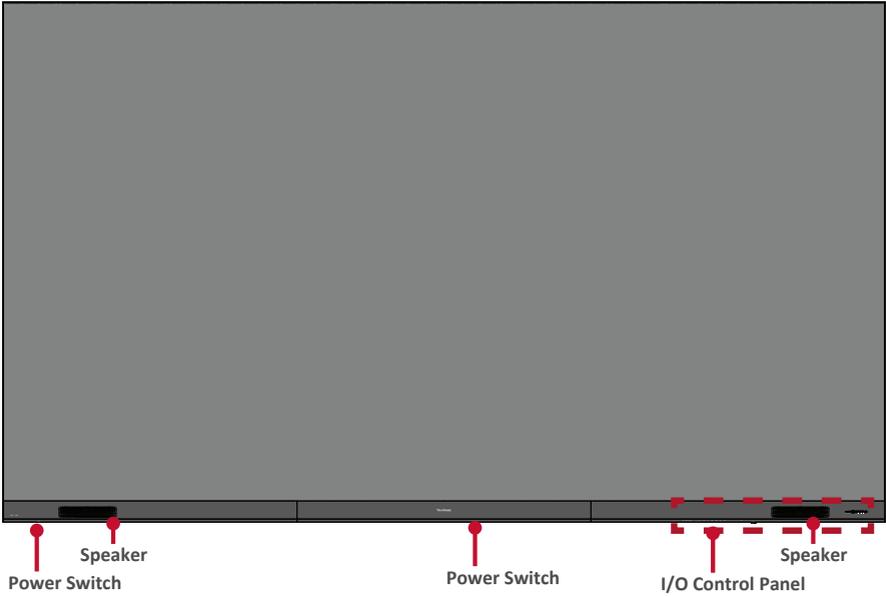
NOTE:

- This product is packed in an air transport box.
- Due to the size and weight, it is recommended that two or more people handle it.

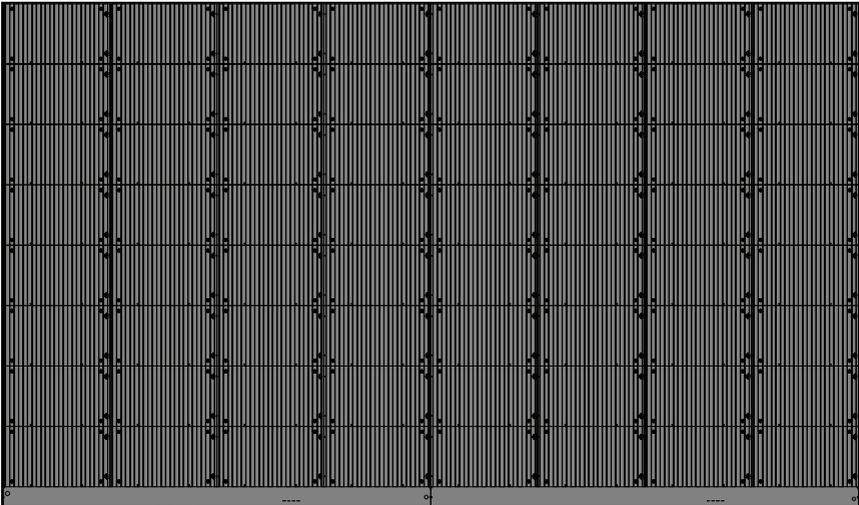
Product Overview

ENGLISH

Front Panel



Rear Panel



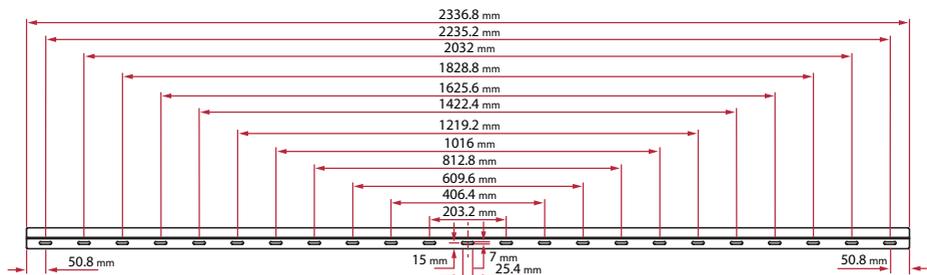
Introduction

Before Installing

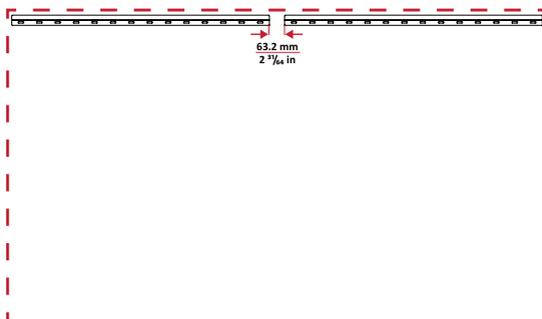
- ❗ Maintain an adequate air gap between the back of the display and any wall for proper ventilation.
- ❗ Ensure there is no direct airflow from air conditioning or heating vents blowing on the display.
- ❗ Avoid installing the display in places with high humidity.
- ❗ Due to high power usage, always use power cords specifically designed for this product.

Wall Mounting

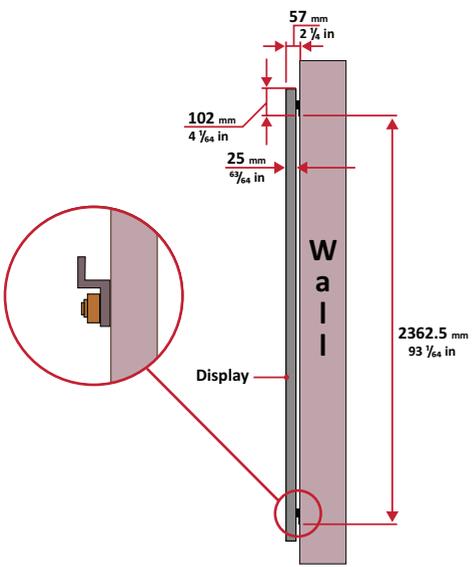
Installing the Upper and Lower Wall Mount Brackets



1. Ensure the wall area and size is an appropriate installation site.
NOTE: The height of the Upper Wall Mount Brackets must not be less than 129 ⁵⁹/₆₄" (3.3 meters) from the ground.
2. Using the *Wall Mount Bracket* (pictured above) as a guide, mark at least twelve (12) holes and pre-drill them.
3. Install the first Upper *Wall Mount Bracket* with the provided screws (M6x50mm Expansion for masonry; TA6x30mm for load bearing wood).
4. Repeat **Step 2**, ensuring the second Upper *Wall Mount Bracket* is level with the first upper bracket.

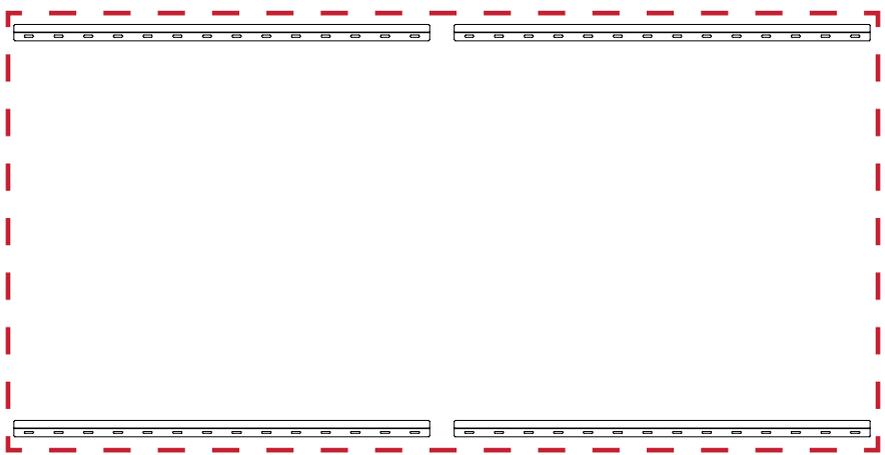


5. Install the Lower *Wall Mount Brackets* in the same manner as the Upper *Wall Mount Brackets*. The distance between the Upper and Lower *Wall Mount Brackets* is $93 \frac{1}{64}$ " (2362.5 mm).



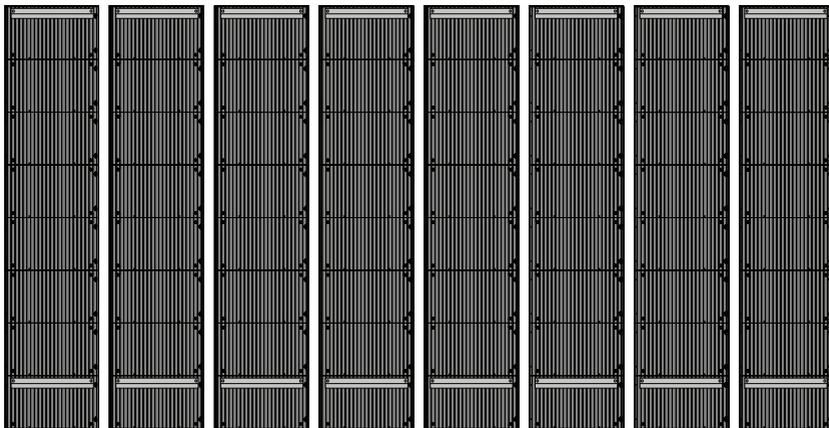
NOTE: You can also install the Upper Wall Mount Brackets, hang the screen, and then install the Lower Wall Mount Brackets for a more precise fit.

- ❗ Ensure the wall can safely support 749.57 lbs. (340 kg).
 - ❗ Ensure the deviation of wall surface must be $< 13 \frac{3}{64}$ " ($< 5\text{mm}$).
6. After installing both Upper and Lower *Wall Mount Brackets*, the installation wall should look like:

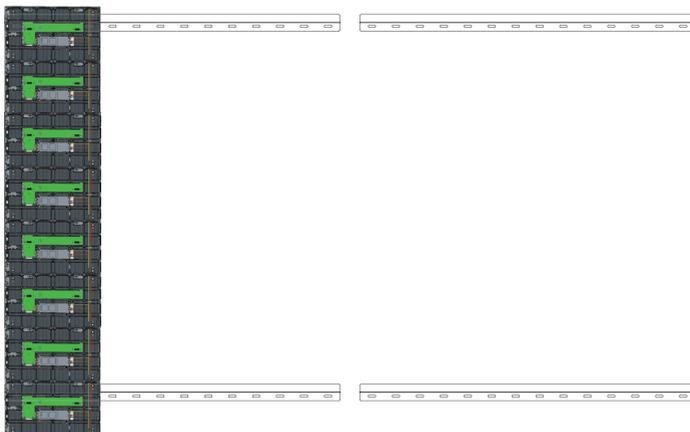


Installing the Cabinets

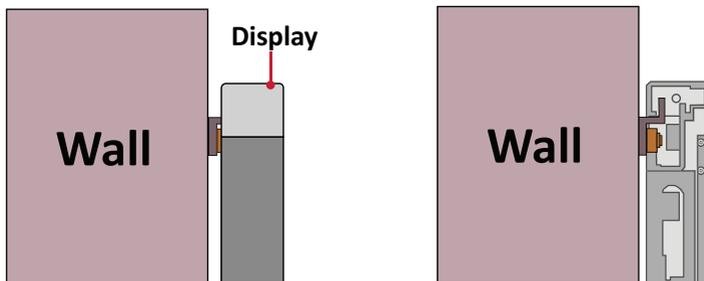
1. Ensure the *Mounting Brackets* on the rear of the eight (8) *Cabinets* are positioned at the top and bottom mounting positions as shown below:



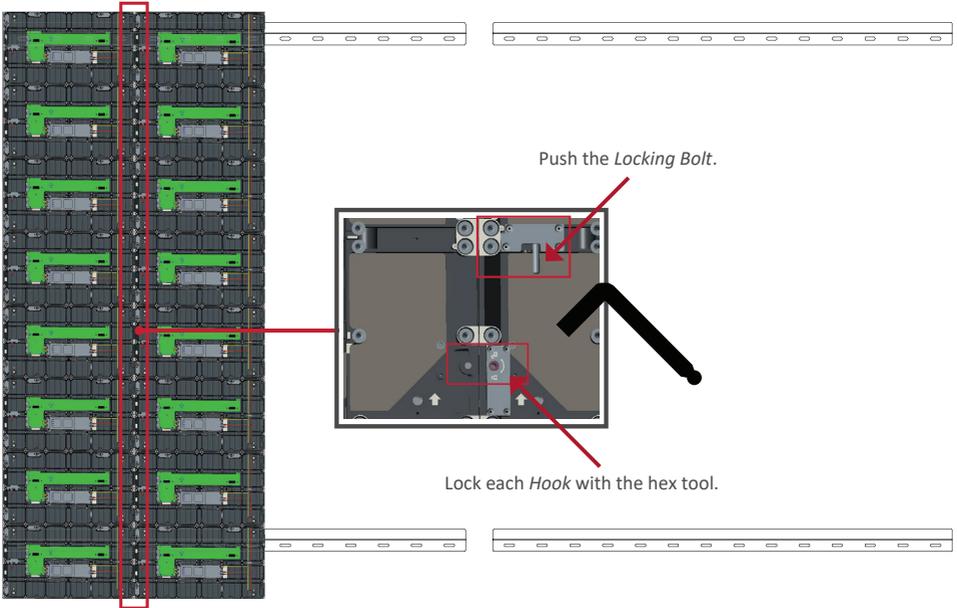
2. Carefully lift each cabinet up onto the *Upper Wall Mount Brackets*, starting from the left.



3. Ensure the *Mounting Brackets* sit securely on the *Wall Mount Brackets* as shown below.

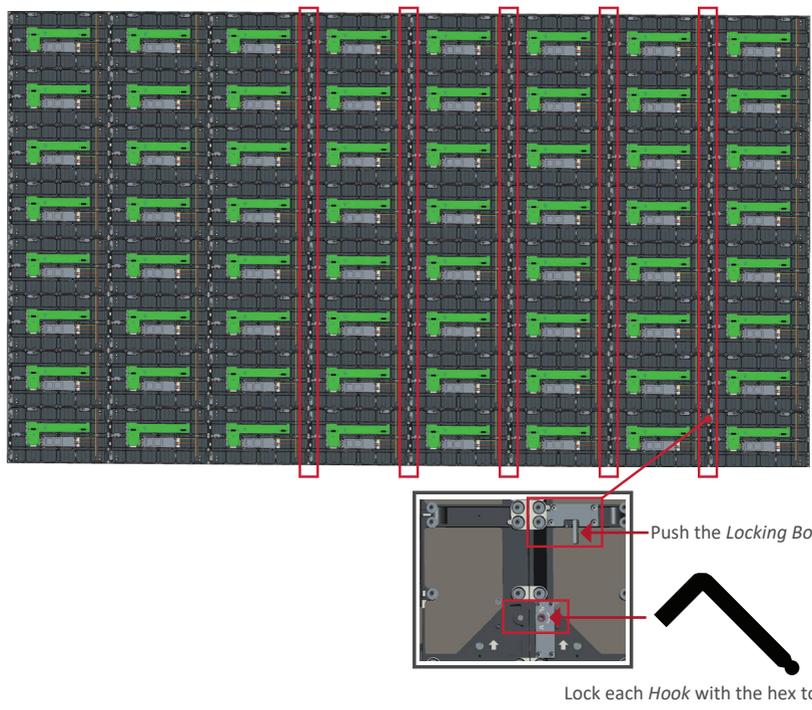


4. Push each *Locking Bolt* and lock each *Hook* with the hex tool to securely connect each cabinet together. It may be necessary to align the hole with an Allen wrench in order to engage the *Locking Bolt*.



NOTE: There are eight (8) Locking Bolts and 16 Hooks between each cabinet.

5. Place the remaining *Cabinets* up onto the *Upper Wall Mount Brackets*. Install from left to right, ensuring the *Mounting Brackets* sit securely on the *Wall Mount Brackets*.
6. Repeat Step 4, securing the cabinets together with each *Locking Bolt* and Hook.



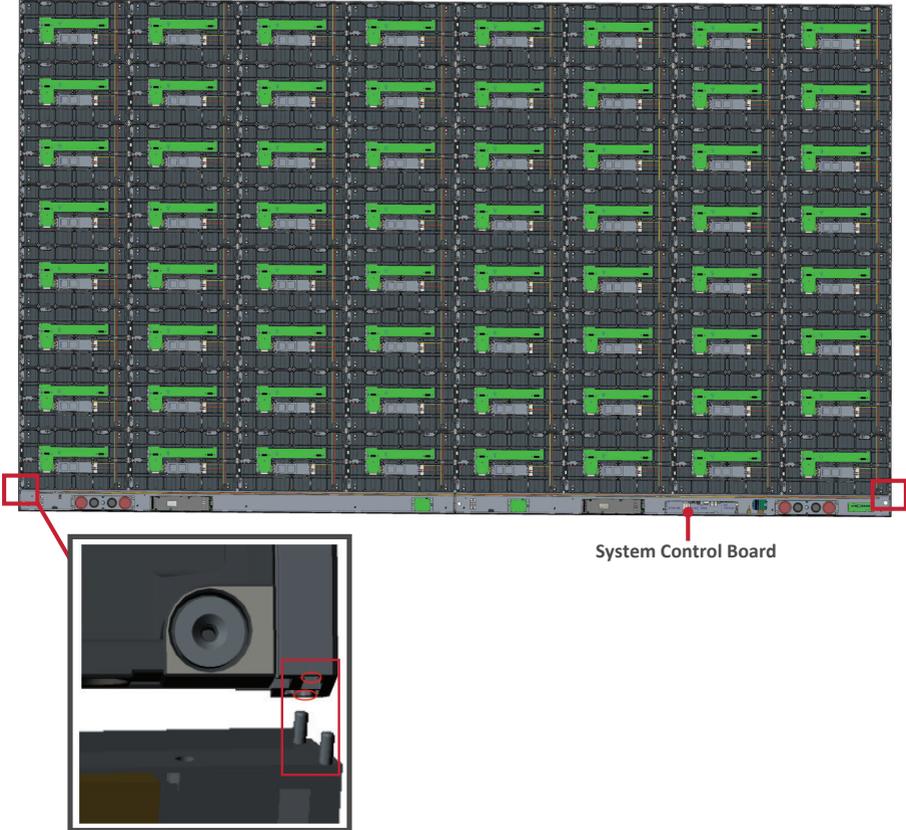
NOTE: There are eight (8) Locking Bolts and 16 Hooks between each cabinet.

Connecting the System Control Box

1. Carefully unfold the *System Control Box* panel. Ensure the main system control board is on the right.

NOTE: Use caution as the *System Control Box* panel is separated into two pieces with wires attached.

2. Align the holes of the *Cabinet* with the *System Control Box* to attach.



3. You can also reroute the power cable at two positions for cable management. Loosen the two (2) PWM 4x6mm screws, pull the power cable out, thread the power cable through the hole and then fasten the screws tightly.

Left Panel

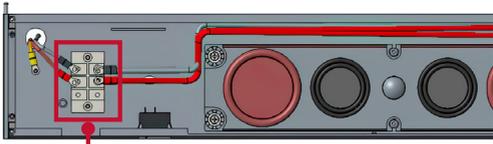


Hole for cable management

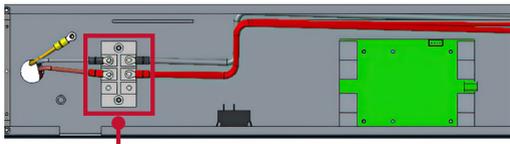
Right Panel



Hole for cable management



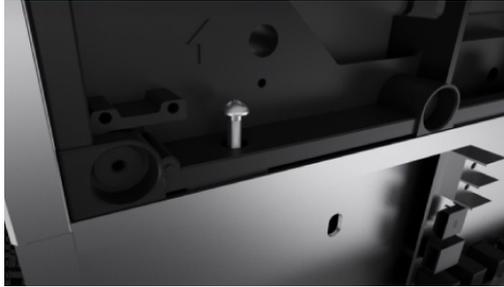
Two (2) PWM 4x6mm Screws



Two (2) PWM 4x6mm Screws

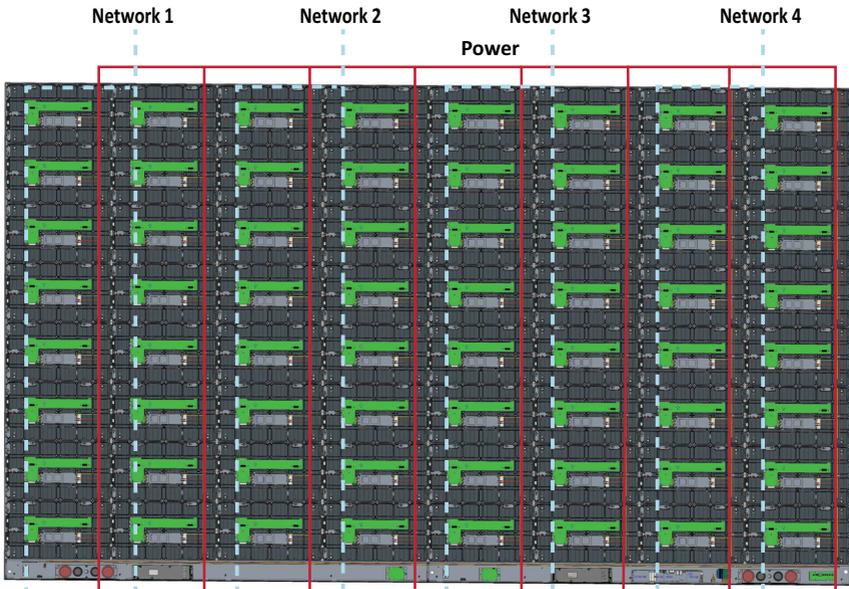
! Professional installation only.

- Further secure the *System Control Box* to the *Cabinets* with the 32 provided M6x10mm screws.



- Connect the Network and Power cables of the *Cabinets* to the *System Control Box*.

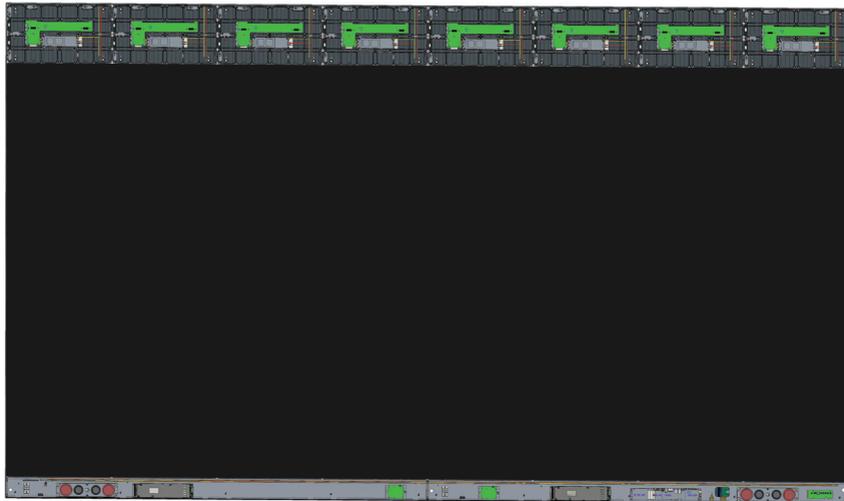
NOTE: There are four (4) Network and eight (8) Power cables to connect.



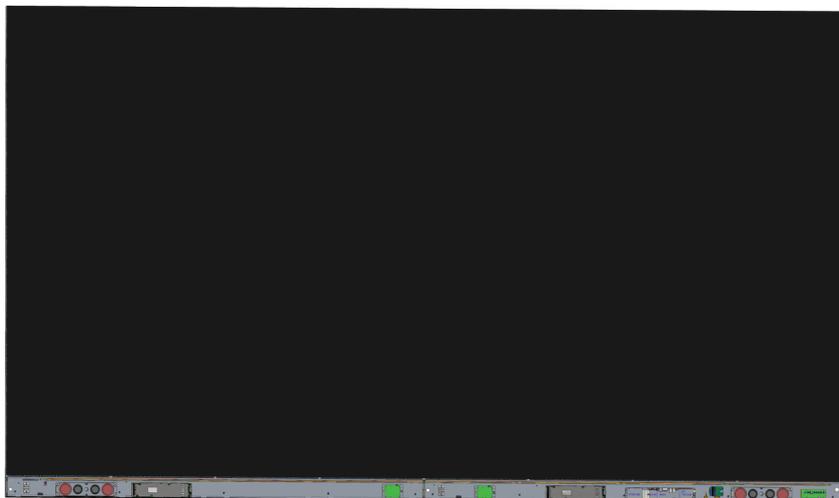
Installing the LED Modules

Install each *LED Module* onto the *Cabinets*, being sure to match the corresponding numbers on the *Module* to the *Cabinet*.

⚠ Please wear Anti-Static Gloves before handling the LED modules.

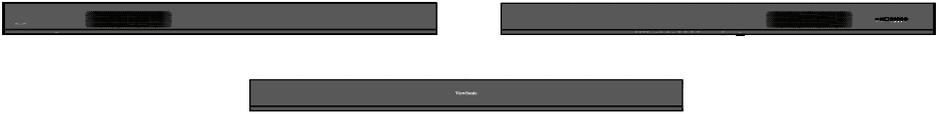


Ensure each *Module* is flush and that there is little to no gap between each. It may be necessary to gently tap the module to make it flush.



Installing System Control Box Covers

There are three (3) System Control Box Covers: Left, Middle, and Right.



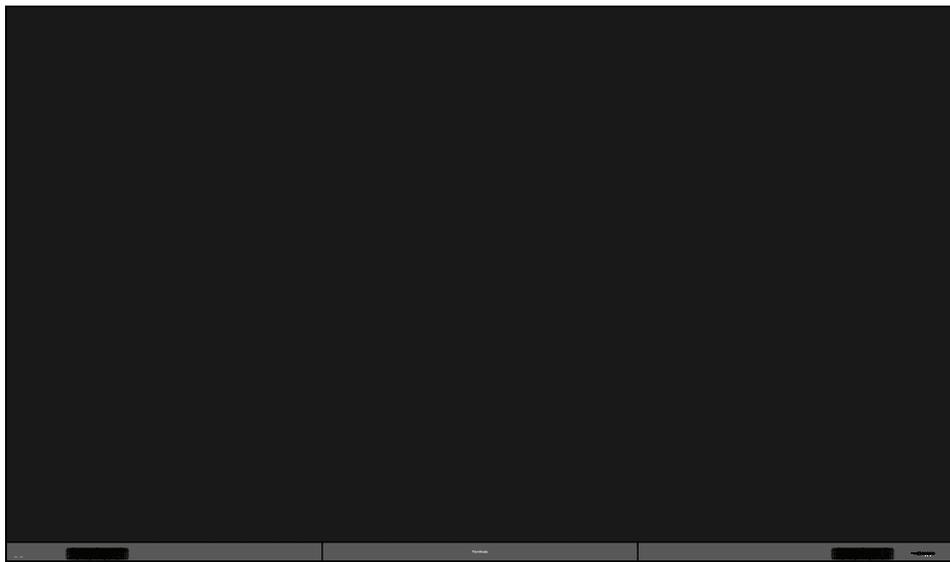
1. Begin by installing the *Right Cover* onto the *System Control Box*.

NOTE: Ensure the **Power Button** cable is connected to the *System Control Box* Power cable before securing the *Cover*.

2. After connecting the **Power Button** cable, ensure the *Right Cover* is properly aligned with the *System Control Box*; then secure it with the 18 provided KM3x6mm screws.



3. Repeat the above steps for the *Middle* and *Left Cover*.



4. Your display is now ready to power on.





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