



Full-Color LED Display Unit

Quick Start Guide

Chapter 1 Product Introduction

1.1 Overview

Full-color LED display unit (hereinafter referred to as the device, the product, or the LED) is a high-precision product delivering clear and vivid images. It is featured by wide color gamut, stable performance, long service life, strong environmental adaption, cost effective and little cost to use. The device is applicable to scenes, such as radio and television stations, meeting room display, video security, information display, etc.

1.2 Product Components

An LED control system includes sending and receiving cards. The sending card packages images and sends them to the receiving card. The receiving card unpackages and processes the images, and then displays the images on the LED display unit.

Chapter 2 Preparations for Installation

2.1 Precautions for Mounting Displays

- Installation personnel must wear protective gear.
- Take safety measures when working at heights.
- Make sure that the rack is mounted vertically to the flat ground without tilting or twisting.
- Check that all structural parts and fasteners are fully mounted without missing.
- After all the accessories are mounted, clean all the debris in the rack and avoid metal debris being remained.
- Install the LED screens after the decoration construction is completed.
- Avoid humid or high-pH environment to prevent damage to the LED lamps.
- Do not expose the device to rain or humid environment to reduce the risk of fire or electric shock.
- Check carefully the lot number printed on the package label of your display. Do not use displays of different lot numbers to install the same video wall.

2.2 Precautions for Cabling

Please connect power cords and network cables according to the following diagram.

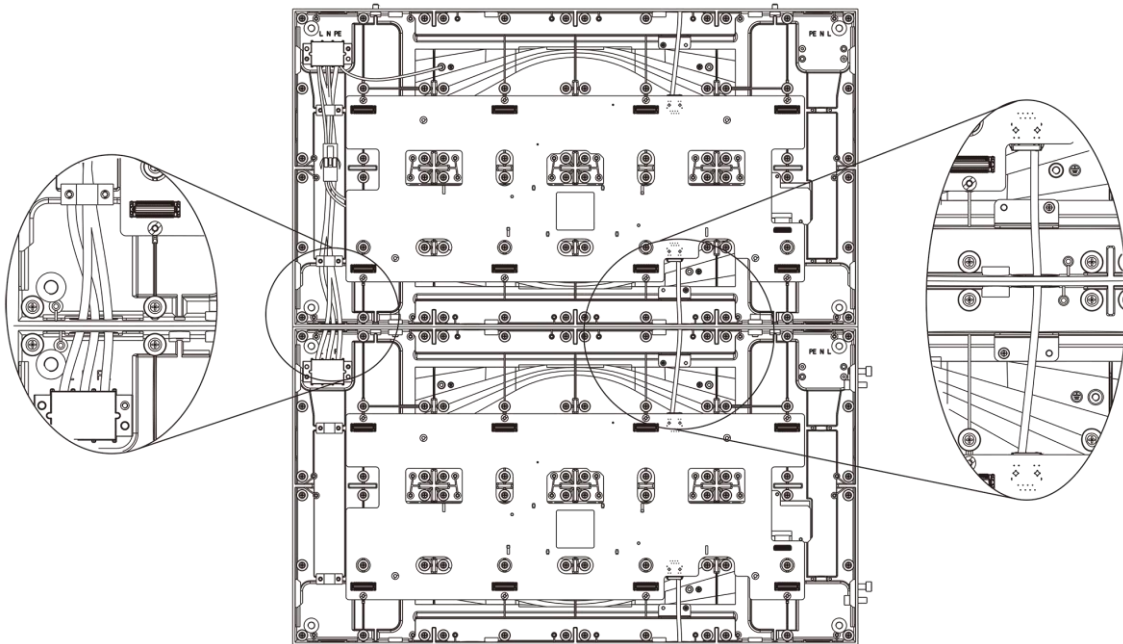


Figure 2-1 Power Cords and Network Cables Connection

Power Cords Connection

Take the following precautions before connecting power cords:

- Do not use the power cords of other devices. Replace the power cords with the same specifications from regular channels only.
- Please do not frequently plug and unplug the power cord when the power is on.
- Electric discharge may last for a short period of time after the power is shut down. Please wait two minutes after the power is shut down before operating the device.
- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region.
- Use standard power modules.
- Ground the power cords first before powering on the displays.
- Please connect the live wire, neutral wire and earth wire correctly.
- To reduce the risk of electric shock, install protective shield on the exposed connector after installing your displays.

Follow the instructions below when connecting power cords:

- If your video wall has 15 rows of LED displays or fewer, connect a single power cord to each column from the bottom of the lowest display. That is, use one power cord for each column.
- If your video wall has more than 15 rows of LED displays, connect two power cords to each column both from the bottom of the display. That is, use two power cords for each column.

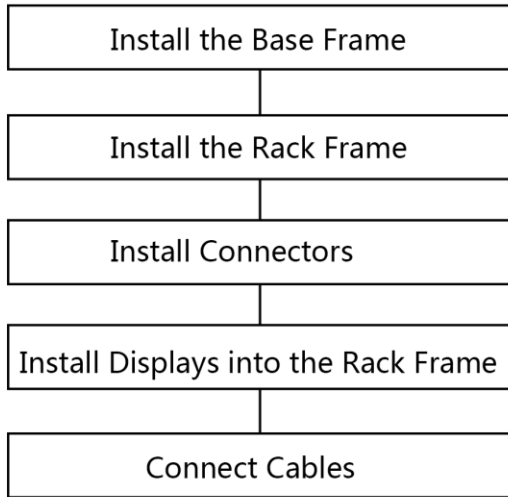
Network Cables Connection

Take the following precautions before connecting network cables:

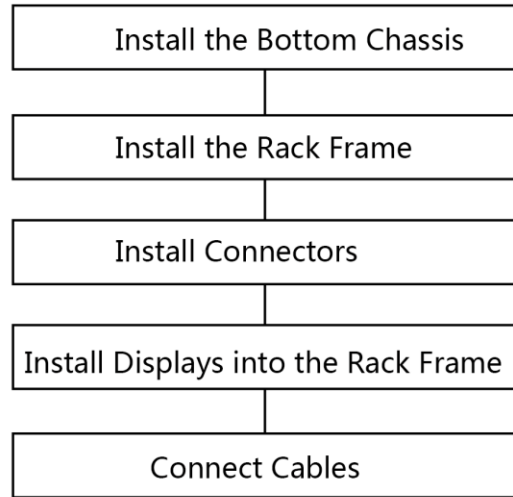
- If your video wall has 4 rows of LED displays or fewer, connect a single network cable to each column from the bottom of the lowest display. That is, use one network cable for each column.
- If your video wall has more than 4 rows of LED displays, connect two network cables to each column both from the bottom of the display. That is, use two network cables for each column.

Chapter 3 Installation Process

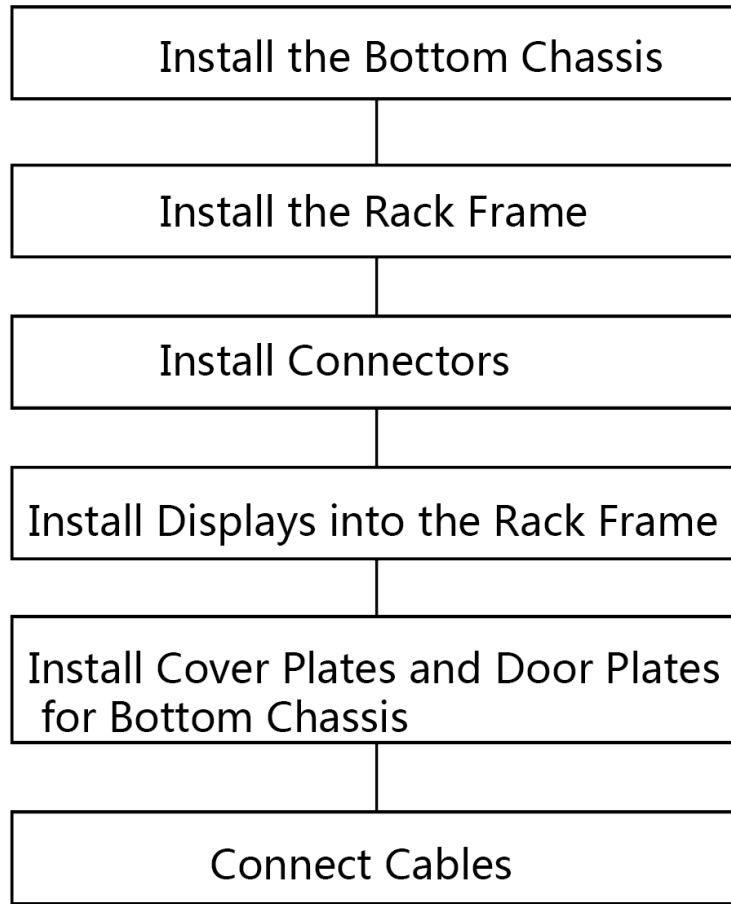
The following figures show the basic installation processes of three types of LED displays.



(1) Wall-Mount Rack

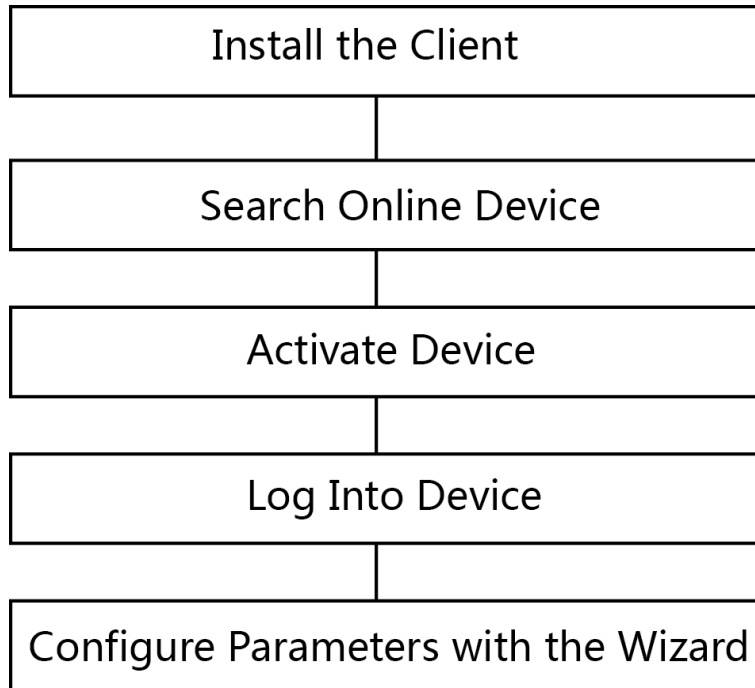


(2) Ultrathin Rack



(3) All-in-One Rack

After your displays are installed, you need to complete basic configuration on the client.



Chapter 4 Verification After Installation

After the displays are installed and cables are connected, check if the following status indicators light up, which means that the displays work properly.

- After the network cable is plugged in, the network port indicator light blinks.
- After the power cord is connected, the red indicator light on the rear of your displays light up, which indicates that the display is powered on.
- After the power cord is connected, the blue indicator light on the rear of your displays light up, which indicates that the receiving card is working properly.



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