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ViewSonic LDS135-151 Direct View LED Mobile Display Instruction Manual

Contents

ViewSonic®

ViewSonic LDS135-151 Direct View LED Mobile Display

Big-Screen Messaging in Any Location

Setting up a traditional video wall can be complicated, time-consuming, and expensive for AV installers. But thanks to an included flight case, preassembled and foldable 135″ screen, and mobile cart, the ViewSonic® LDS135-151 Direct View LED Display Kit delivers easy and instant setup for board rooms, reception areas, and other large venues.

Pain Points of Traditional Large Format Displays

 Complicated Setup

Multiple power cords, system control boxes, and external speakers require meticulous configuration. Often, the IT team faces long hours of work and technical barriers due to the low integration solutions available, which can be inconvenient and costly, especially for short-term exhibitions or events.

 Poor Image and Sound Quality

Typically, installers combine LCD screens to create large video walls, resulting in gridlines that fail to engage the audience. Additionally, the lack of quality speakers diminishes the audio experience.

Bad User Experience

Specialized technicians are often needed to operate the equipment if there is an unclear interface design and no integrated software.
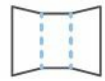
Difficult and Expensive to Transport

Large screen sizes are costly to ship, and because traditional large-format displays are installed in a fixed place, they cannot be moved from room to room or venue to venue.

Direct View LED Mobile Display: Ready-to-Use AV Solution

Pre-assembled kit with motorized height adjustment stand

Foldable screen with a movable flight case for easy delivery

Seamless large display for immersive visual experience

Impressive audio from Harman Kardon® speakers

All-in-One integration without complicated setup

Ready-to-Use Kit

The included Direct View LED display comes with pre-assembled LED modules, cabinets, a system control box, and the mobile cart. It can be set up and ready to use within just a few minutes.

Motorized Height Adjustment
The mobile cart features a motorized height adjustment feature that enables you to easily raise the height of the installed display up to 25 inches with the simple press of a button. You can save up to three different height preferences for a custom fit in multiple spaces.
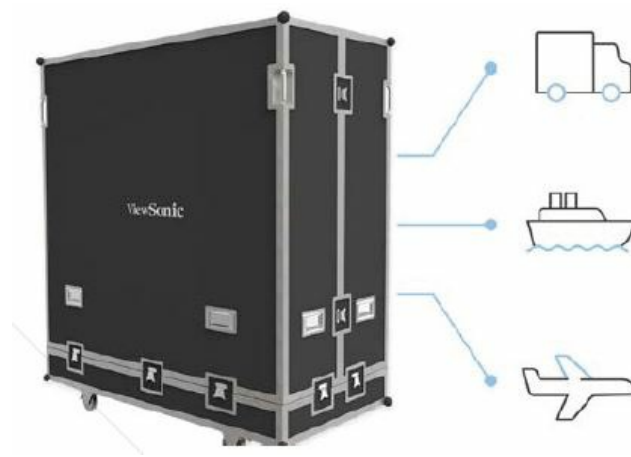

Freedom of Movement
The mobile cart also includes 360° silent wheels that allow you to move the display freely and quietly, whenever you need to. The wheels easily lock so that everything remains steady and in place.
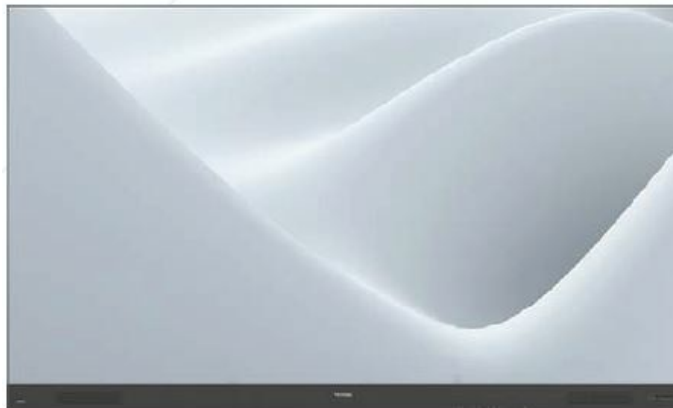

Durable Flight Case
The included flight case not only provides secure protection of the Direct View LED display but also makes for swift and effortless delivery from one location to another.

Impressive in any Venue

With a huge 135" screen size, 1.5mm fine pixel pitch, slim profile, and ultra-narrow bezel, the Direct View LED display delivers a stunning, all-in-one alternative to a conventional video wall. Larger than four 67-inch LCD displays combined, this display seamlessly delivers content without lines or distortion for a more immersive visual experience.

120% Rec. 709 Wide Color Gamut
ViewSonic's proprietary SuperColor™ Technology features an exclusive wider color gamut that delivers 120% Rec. 709 color accuracy for amazing, lifelike color. An ultra-fast 4,440Hz refresh rate and greater contrast ratio also help to deliver smooth, stunning images.

LCD   ViewSonic Direct View LED

Theater-Level Audio

Equipped with studio-grade Harman Kardon speakers, these displays deliver high-fidelity audio that is tuned to pinpoint clarity. The dual 20W sets of professional passive radiators, woofers, and tweeters deliver impressive sound for a true audiovisual feast.

High Brightness and Contrast Ratio

With 600 nits of adjustable brightness and an incredible contrast ratio, these displays deliver beautifully clear images even in rooms with high ambient light.

HDR Off   HDR On

Wireless Content Sharing from

Virtually Any Device

ViewSonic® ViewBoard CastTM software is pre-installed and enables content to be streamed from mobile devices onto the display over wireless or cable networks. Multiple users can simultaneously annotate content (such as documents, cloud files, multimedia, etc.) on their devices in real-time and then stream and share that content onto the Direct View LED display. One-to-one, one-to-many and 4-in-1 multiscreen options are available.

Embedded OS and Wi-Fi
With a built-in OS and 2.4G/5GHz Wi-Fi, users can easily work in a familiar PC environment for app installation, web browsing, multimedia play, wireless device connection, and more.

AV Control System Compatible
These displays are compatible with professional AV control systems such as Crestron, Extron, and AMX to achieve seamless integration
and automated control.

Content from Multiple Sources on a Single Screen
An intuitive split-screen function makes video conferences and online collaborations more flexible and creative. The display also supports Picture-by-Picture (from up to 4 different inputs) or Picture-in-Picture (a screen within

another screen) scenarios in real time. Both scenarios only work with HDMI source input.

Usage Scenarios

Despite its immense screen size, the display and cart can be easily folded and stored in the included flight case, enabling the entire kit to be easily shipped and moved from location to location for different events and exhibitions.

Museums

Boardrooms

Lobbies

Auditoriums

Specifications

LDS135-151	
Screen Size	135"
Display Size (mm)	3000 (H) x 1687.5 (V)
Native Resolution	1920×1080

Panel Technology	Direct View LED
LED Package Type	SMD 3-in-1
Bonding Wire	Gold
Pixel Pitch (mm)	1.56
Refresh Rate	4440Hz
LED Grayscale	14bits
Brightness (max.)	600 nits (8 level adjustable)
Contrast Ratio (typ.)	6000:1
Viewing Angles (typ.)	H=160, V=160
LED Lifetime (typ.)	100,000 Hours
RAM	DDR4 4GB
Local Storage (Total/Available)	64GB / 56GB
Resolution Support	VGA (640×480) to 1080p (1920×1080)
INPUT	
HDMI	x6 (HDMI 2.1 x 1, HDMI 2.0 x 2, HDMI 1.4 x 2, HDMI 2.0 internal x1)
USB Type-A	x3 (USB2.0 x3)
RJ45 Input (Internet)	x1
IR In	x1
Wi-Fi Input	2.4G/5G Hz
USB Type-C	x1 (Video Input, Power Output (5V/2A)
Audio In (3.5 mm)	x1
OUTPUT	
HDMI Out	x2 (HDMI 2.0 external x1, internal x1)
Speaker	20W x2 (Harman Kardon)
Audio Out (3.5mm)	x1
USB Type-A (Power)	Shared with USB input (5V/1.5A x3)
CONTROL	
RJ45 (LAN Control)	x1 (shared with Internet)
USB Type-A	x1 (shared with USB-A input)
RS232 (DB 9-pin female)	x1
IR Receiver	x1
OTHERS	

Power Supply Voltage	100-120V/30A~ 50/60Hz or 220-240V/15A~50Hz (varies by country)
Power Consumption	1200W (typ), 2300W (max) < 0.5W (Sleep), < 0W (Off)
Ingress Protection Rating	IP30
Carton	Flight Case
Net Weight	564 lbs (253 kg)
Gross Weight	910 lbs (413 kg)
Screen Dimensions (WxHxD)	1800x1948x770 mm (min.), 3010x2598x770 mm (max.)
Packing Dimensions	1900x2032x800 mm
OSD Language / User Guide Language	English, French, Spanish, German, Russian, Dutch, T-Chinese, S-Chinese, Turkish, Arabic (total 10 Languages)
STANDARD ACCESSORIES	
Power Cord	x1
LAN Cable (Cat 5A)	x1 (5m)
Remote Control	x1
QSG	x1
Spare Parts	LED PCB Unit x7
Maintenance Tool	LD-MK-001 x1
OPTIONAL ACCESSORIES	
Maintenance Tool	LD-MK-001
ViewBoard Cast Button (USB-C)	VB-WPS-001
ViewBoard Cast Button (USB-A+HDMI)	VB-WPS-003

Contact your Connection Account Team for more information. 1.800.800.0014 J
www.connection.com/viewsonic

Documents / Resources

ViewSonic LDS135-151 Direct View LED Mobile Display [pdf] Instruction Manual
LD-MK-001, VB-WPS, LDS135-151, LDS135-151 Direct View LED Mobile Display, Direct View LED Mobile Display, LED Mobile Display, Mobile Display