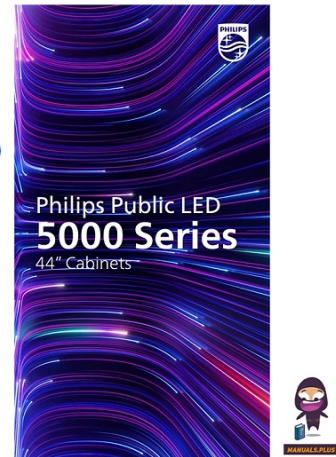


PHILIPS
44HDL5000
PP/00
Signage
Solutions
LED
Display



PHILIPS 44HDL5000PP/00 Signage Solutions LED Display Owner's Manual

[Home](#) » [Philips](#) » PHILIPS 44HDL5000PP/00 Signage Solutions LED Display Owner's Manual 

Contents

- [1 PHILIPS 44HDL5000PP/00 Signage Solutions LED Display](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 Frequently Asked Questions](#)
- [5 PRODUCT DESCRIPTION](#)
- [6 SPECIFICATION](#)
- [7 Highlights](#)
- [8 Documents / Resources](#)
 - [8.1 References](#)
- [9 Related Posts](#)

PHILIPS

PHILIPS 44HDL5000PP/00 Signage Solutions LED Display



Product Information

Philips Signage Solutions LED Display – 44" Direct View LED

The Philips Public LED 5000 is designed to elevate your visual journey, offering uniquely crafted displays that redefine audience engagement. With seamless connectivity, various sizing options, customizable curvature, and impressive features, this LED display allows you to design a breathtaking visual experience.

Specifications

- **Model:** 44HDL5000PP/00
- **Screen Size:** 44 inches
- **LED Type:** Direct View LED

Product Usage Instructions

Installation

To install the Philips Public LED 5000 display:

1. Choose a suitable location with proper ventilation.
2. Mount the display on the wall using the provided brackets or opt for hoisted installation.
3. Ensure a stable and secure placement to prevent accidents.

Maintenance

For maintenance and service:

1. Access the internal electronics easily for servicing.
2. Use the dedicated removal tool to safely remove and replace modules in the cabinet.
3. Regularly clean the display surface with a soft, dry cloth to maintain optimal performance.

Connectivity

The Philips Public LED 5000 supports various connections for seamless integration into your setup. Ensure to use compatible cables for optimal performance.

Customization

Utilize the customizable curvature and bezel-free design to create unique display configurations based on your preferences and requirements.

Frequently Asked Questions

Q: Can I connect multiple LED display cabinets together?

A: Yes, you can connect multiple cabinets to create the desired resolution, whether it's 4K, 8K, or higher. The LED displays offer higher refresh rates compared to LCD screens for smoother images.

Q: How do I ensure optimal brightness uniformity?

A: To maintain brightness uniformity exceeding 97%, ensure proper cleaning of the display surface and avoid exposing the display to extreme environmental conditions.

Q: What is the contrast ratio of the Philips Public LED 5000?

A: The contrast ratio of the display is $\geq 3000:1$, providing exceptional clarity and vivid image quality.

Philips Public LED 5000

PRODUCT DESCRIPTION

Elevate your visual journey

Empower uniquely crafted Public LED displays that redefine audience engagement.

Deliver your immersive visual experiences with seamless connectivity, various sizing, and customizable curvature, allowing to design a breathtaking display.

Philips Signage Solutions
LED Display

44"

Direct View LED



44HDL5000PP

Ensures crystal clear

- Brightness uniformity exceeding 97%.
- Ensures crystal clear content and great colour accuracy.

Vivid picture enhancement

- Elevate your visual experience.
- Contrast excellence
- Lower power consumption

Precisely aligned, seamless and bezel free

- Built in cable management
- Front-access maintenance
- Create bezel-free video walls
- Lightweight wall mountable or hoisted installation

SPECIFICATION

Picture/Display

- Aspect ratio: 1:2
- Brightness Uniformity: $\geq 97\%$
- Calibration(brightness/color): Supported
- Color temperature adjust range: 4000~9500 K (by software)
- Color temperature default: 6500 ± 500 K
- Contrast ratio (typical): $\geq 3000:1$

- Viewing angle (horizontal): 150 degree
- Viewing angle (vertical): 150 degree
- Picture enhancement: Wide color gamut display
- Placement: Landscape, Portrait
- Frame frequency (Hz): 50 & 60
- Refresh rate(Hz): Up to 3840 Hz
- Three specific modules pixel pitch: 1,9mm, 2,5mm and 3,9mm

Convenience

- Ease of installation: Guide pins, Light weight, Locking mechanism for cabinet
- Power loop through: – for 230V environments: 8 cabinets or less – for 110V environments: 4 cabinets or less
- Signal control loop through: RJ45

Operating conditions

- Temperature range (operation): -20~45 °C
- Temperature range (storage): -20~50 °C
- LED Lifetime: TBD
- Humidity range (operation)[RH]: 10~80%
- Humidity range (storage) [RH]: 10~85%

Cabinet

- Cabinet area (m2): 0.50
- Cabinet size (mm): 500x1000x40
- Data connector: RJ45
- Power connector: In/Out (C14/C13)
- Receiving card brand: Novastar
- Weight (KG): 11.2
- Cabinet diagonal (inch): 44.02
- Cabinet construction: Die cast aluminum

Accessories

- LAN cable (RJ45, CAT-5): 1 pcs
- QSG: 1 pcs

Miscellaneous

- Warranty: 2 years
- Regulatory approvals: RoHS, EAC, EN61000-3-2, EN61000-3-3, IEC/UL60950, IEC/UL62368, IEC62471, EN55032, EN55035, FCC SDOC, Part 15, Class A

Specific module 14HDL5019PM/00

- Pixel pitch: 1.9mm
- Brightness after calibration: $\leq 500\text{nit}$
- Brightness before calibration: 550nit
- Max. power cons. AC (W/m^2): 340 W
- Max. power cons. BC (W/m^2): 388 W
- Consumption (Typical W/m^2): 120 W
- Cabinet pixels (Dot): 131,072
- Module resolution (W x H): 128 x 128
- Cabinet resolution (W x H): 256 x 512

Specific module 14HDL5025PM/00

- Pixel pitch: 2.5mm
- Brightness after calibration: $\leq 500\text{nit}$
- Brightness before calibration: 550nit
- Max. power cons. AC (W/m^2): 300 W
- Max. power cons. BC (W/m^2): 340 W
- Consumption (Typical W/m^2): 100 W
- Cabinet pixels (Dot): 20.000
- Module resolution (W x H): 100 x 100
- Cabinet resolution (W x H): 200 x 400

Specific module 14HDL5039PM/00

- Pixel pitch: 3.9mm
- Brightness after calibration: $\leq 500\text{nit}$
- Brightness before calibration: 550nit
- Max. power cons. AC (W/m^2): 300W
- Max. power cons. BC (W/m^2): 340W
- Consumption (Typical W/m^2): 100W
- Cabinet pixels (Dot): 32,768
- Module resolution (W x H): 64 x 64
- Cabinet resolution (W x H): 128 x 256

Highlights

- **Ensures crystal clear content**

Ensures crystal clear content and great colour accuracy. Achieves smooth, judder-free images with a high refresh rate.

- **Brightness uniformity exceeding 97%.**

Revel in consistent brilliance with brightness uniformity exceeding 97%.

- **Elevate your visual experience.**

Elevate your visual experience with a wide colour gamut for lifelike images.

- **Contrast excellence**

Witness exceptional clarity with a contrast ratio of $\geq 3000:1$.

- **Lower power consumption**

Developing technology for your sustainable business future through built-in power saving features.

- **Lightweight wall mountable or hoisted installation**

As well as an optional range of connections and brackets for wall mounting, Philips Public LED 5000 Series also supports fixed hoisting installations.

- **Front-access maintenance**

Internal electronics are easy to access and replace for service and maintenance. The modules in the cabinet can be easily and safely removed with the dedicated removal tool.

- **Bezel-free**

Simply connect multiple LED display cabinets to create the resolution you want-whether its 4K, 8K, or even higher. Compared to LCD screens, LED displays boast higher refresh rates that enable smoother images. Whatever the application, you'll thrill your audience with crystal-clear picture quality.

- **Built in cable management**

Philips Public LED 5000 Series displays come with built-in cable management, keeping power and data cables tidy. Meanwhile cabinets are daisy chained for both power and data – using PPDS' unique board-to-board module and cabinet connection design – minimizing clutter and speeding up installations.

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Documents / Resources

	<p>PHILIPS 44HDL5000PP/00 Signage Solutions LED Display [pdf] Owner's Manual 44HDL5000PP-00, 14HDL5019PM-00, 14HDL5025PM-00, 14HDL5039PM-00, 44HDL5000PP 00 Signage Solutions LED Display, 44HDL5000PP 00, Signage Solutions LED Display, Solution s LED Display, LED Display, Display</p>
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