



Because it matters

Dealer's Stamp

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Doc: DSP_PL490/PL552/PL553/PH5501/PH5502_DS_EN_20190524

BenQ Super Narrow Bezel Series

The Ultra-Narrow Bezel Design for Immersive Experience



PL490/ PL552/ PL553/ PH5501/ PH5502



Excellent, Durable Display Performance

Ultra-Narrow Bezel Design for Immersive Experience

Boasting an ultra-narrow bezel design, P series video walls are free of visual distractions and primed to offer a seamless viewing experience that will delight and captivate your customers.

*Actual bezel-to-bezel dimensions may exceed the listed minimum value due to different tilting methods.



24/7 Non-stop Operation

An amazing life of 50,000 hours translates to years of non-stop display service and reliable industrial-class performance far more economical than consumer models. Built with better cooling techniques reaching longer runtimes for at least 24 hours a day that is safer and more reliable.



Flawless Display in Portrait and Landscape View

Unlike anything else available on the market, BenQ P series are built to ensure flawless portrait and landscape view. This choice between vertical and horizontal installation greatly increases flexibility when operators are designing and arranging their stores.



DP Daisy Chain for Stunning 2x2 4K Clarity

With industry-leading DisplayPort 1.1a daisy chain technology, BenQ super narrow bezel displays are designed to display stunning 4K UHD images across a 2x2 video wall installation. Further enhancing easy content management, BenQ super narrow displays support X-Sign software, allowing you to conveniently create and enrich 4K video messages with over 100 built-in templates.

*By combining DP daisy chain with HDCP signal source, you can connect the 7th piece of display.



OPS Slot for All-in-One Video Wall Solution

To increase versatility, P series display complies with the Open Pluggable Specification (OPS) standard, allowing you to insert optional modules into the display to expand connectivity and functionality without need for an external media player. By using OPS modules in conjunction with DVI daisy chain, you can instantly connect with others and create a spectacular video wall that is sure to catch customer's eye.

Color Calibration

This time-saver lets you unify video wall color profiles with a controller PC. Instead of manually adjusting individual units, you can effectively eliminate color irregularities and complete the color calibration process for your whole video wall in less than no time.

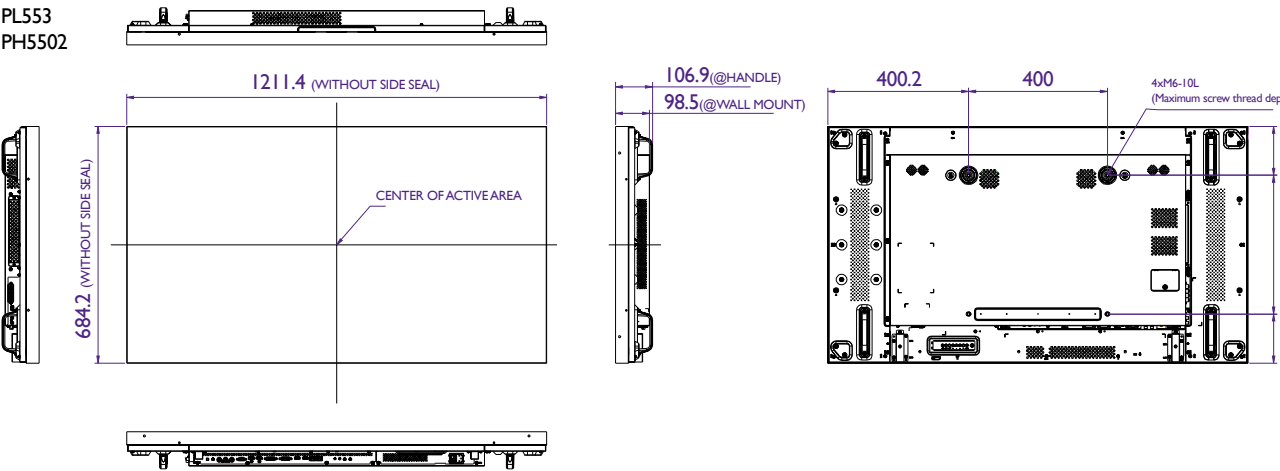
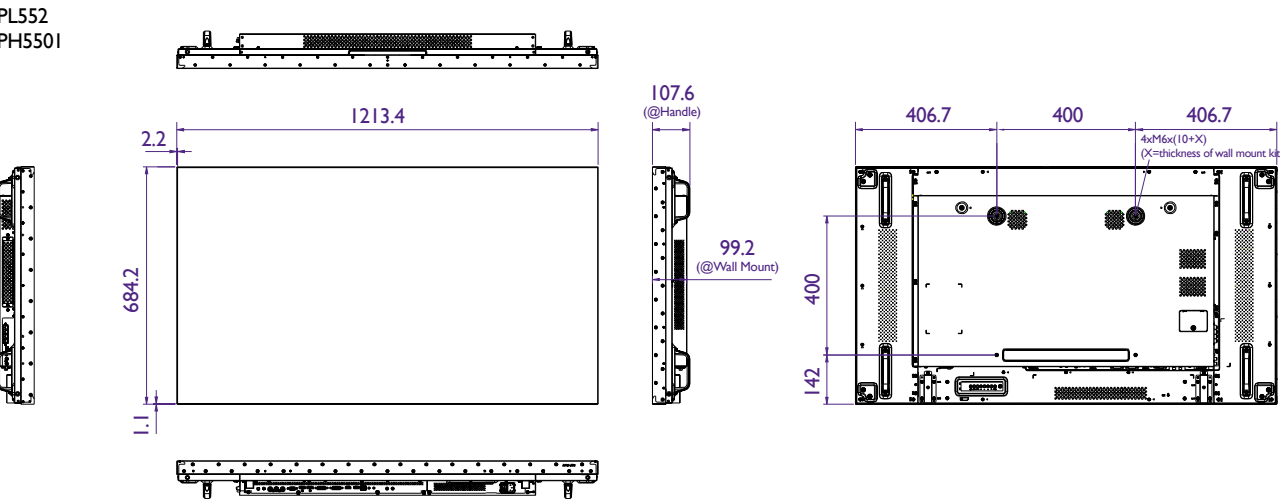
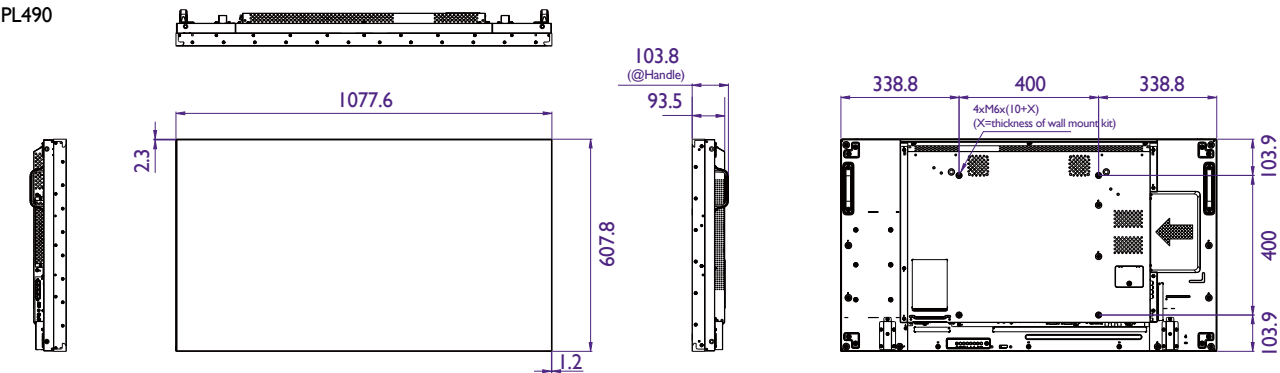


Flexible Color Temperature Adjustment for Captivating Images

With BenQ's evolutionary Perfect View, it allows the smart signage to adjust the color temperature in a flexible way. This ensures to fine-tune the color temperature with the remote and thus registers subtly the colors displayed to showcase your products in desired effects. Images on the smart panels will become the eye-catcher to captivate your customers in no time.



Dimension



Display and Distribute Content with Ease

Plug a USB flash drive into P series display to instantly play multimedia content. After inserting the USB flash drive, you can precisely arrange a playlist and schedule content playback times so they fit your business's needs.

*each display requires an individual USB drive

Auto ID Setting Prompts Quick Display ID Configuration

BenQ P series is equipped with Auto ID Setting to facilitate simple and quick ID configuration. It detects and configures a display ID as No. 1 by the remote control and the rest of the displays will be automatically configured in numeric order. There's no need to have the other displays setup one by one but allow individual panel adjustment per your purposes. This will greatly save your time and man cost with efficiency and convenience.



DMS Local

DMS Local is a Device Info and Management software based on windows OS. For users who would like to control your displays remotely via LAN, you can download DMS Local software for your operation.

MDA (Multiple Display Administrator)

For users who would like to control your displays remotely via RS232, you can download MDA software for your operation.



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Specifications

| Model Name | | PL490 | PL552 | PL553 | PH5501 | PH5502 |
|-------------|--|--|---------------------------------|---------------------------------|---|---------------------------------|
| Panel | Screen Diagonal | 49" | 55" | 55" | 55" | 55" |
| | Backlight | Direct LED | Direct LED | Direct LED | Direct LED | Direct LED |
| | Active Area (Horizontal x Vertical) (mm) | 1073.8 X 604.0 | 1209.6 x 680.4 mm | 1209.6 x 680.4 mm | 1209.6 x 680.4 mm | 1209.6 x 680.4 mm |
| | Resolution | FHD 1920 x 1080 (pixels) | FHD 1920 x 1080 (pixels) | FHD 1920 x 1080 (pixels) | FHD 1920 x 1080 (pixels) | FHD 1920 x 1080 (pixels) |
| | Aspect Ratio | 16 : 9 | 16 : 9 | 16 : 9 | 16 : 9 | 16 : 9 |
| | Brightness (Typical) | 450 nits | 500 nits | 500 nits | 700 nits | 700 nits |
| | Contrast Ratio (Typical) | 1300:1 | 1400:1 | 1200:1 | 1400:1 | 1200:1 |
| | Viewing Angle (Horizontal x Vertical) | 178 degree (H) / 178 degree (V) | 178 degree (H) / 178 degree (V) | 178 degree (H) / 178 degree (V) | 178 degree (H) / 178 degree (V) | 178 degree (H) / 178 degree (V) |
| | Color gamut (x% NTSC) | 72% | 72% | 72% | 72% | 72% |
| | Frame Rate | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz |
| | Response Time (Typical) | 8ms | 12ms | 8ms | 8ms | 8ms |
| | Panel bit | 8 bits | 8 bits | 8 bits | 10 bits | 10 bits |
| | Light life | 50,000 hrs (typ.) | 50,000 hrs (typ.) | 50,000 hrs (typ.) | 50,000 hrs (typ.) | 50,000 hrs (typ.) |
| | Orientation | Landscape/Portrait | Landscape/Portrait | Landscape/Portrait | Landscape/Portrait | Landscape/Portrait |
| Interface | Power (AC) In/ Out | X I/ No | X I/ No | X I/ No | X I/ No | X I/ No |
| | Audio line-in/ Out (3.5mm) | X I/ X I | X I/ X I | X I/ X I | X I/ X I | X I/ X I |
| | Composite video In/ Out (BNC) | X I/ No | X I/ No | X I/ No | X I/ No | X I/ No |
| | Component In/ Out (YPbPr, RCA) | X I/ No | X I/ No | X I/ No | X I/ No | X I/ No |
| | D-sub In/ Out | X I/ No | X I/ No | X I/ No | X I/ No | X I/ No |
| | HDMI (Type A) In/ Out | X 2/ No | X 2/ No | X 2/ No | X 2/ No | X 2/ No |
| | DVI In/ Out | X I/ X I | X I/ X I | X I/ X I | X I/ X I | X I/ X I |
| | DisplayPort In/ Out | X I/ X I | X I/ X I | X I/ X I | X I/ X I | X I/ X I |
| | RJ45 In/ Out | X I/ No | X I/ No | X I/ No | X I/ No | X I/ No |
| | RS232 In/ Out | X I/ X I | X I/ X I | X I/ X I | X I/ X I | X I/ X I |
| | USB (Type A) | X I | X I | X I | X I | X I |
| | AC power switch | X I | X I | X I | X I | X I |
| | IR In/ Out | X I/ X I | X I/ X I | X I/ X I | X I/ X I | X I/ X I |
| | OPS Slot | X I | X I | X I | X I | X I |
| Speaker | Internal Speaker | 10W x 2 | 10W x 2 | 10W x 2 | 10W x 2 | 10W x 2 |
| Mechanical | Dimensions(W x H x D) | 1077.6 x 607.8 x 103.8 mm | 1213.4 x 684.2 x 107.7 mm | 1211.4 x 682.2 x106.9 mm | 1213.4 x 684.2 x 107.7 mm | 1211.5 x 682.3 x 106.9 mm |
| | Bezel Width (T/B/L/R) | 2.3/1.2/2.3/1.2 mm | 2.3/1.2/2.3/1.2 mm | 0.9/0.9/0.9/0.9 mm | 2.3/1.2/2.3/1.2 mm | 0.9/0.9/0.9/0.9 mm |
| | Weight (without packing/with packing) | 21.6/34.3 kg | 29.2/43.5 kg | 24.4/36.8 kg | 29.2/43.5 kg | 24.4/36.8 kg |
| Power | Power supply | 100V ~ 240 V,50 Hz / 60 Hz | 100V ~ 240 V,50 Hz / 60 Hz | 100V ~ 240 V,50 Hz / 60 Hz | 100V ~ 240 V,50 Hz / 60 Hz | 100V ~ 240 V,50 Hz / 60 Hz |
| | Power consumption (Typical) | 110W | 185W | 133W | 185W | 195W |
| OSD | On-Screen Display Languages | English / German / Dutch / French / Italian / Spanish / Russian / Polish / Simplified Chinese / Arabic / Japanese / Traditional Chinese / Czech /Danish / Swedish / Romanian / Finnish / Norwegian / Greek / Korean/Thailand (21L) | | | English / French / German / Dutch / Polish / Russian / Czech / Danish / Swedish / Italian / Romanian / Finnish / Norwegian / Greek / Hungarian / Spanish / Portuguese / Traditional Chinese / Simplified Chinese / Arabic / Japanese / Thai / Persian / Vietnamese / Korean (25L) | |
| Software | Color Calibration support | Yes | Yes | Yes | Yes | Yes |
| | Multiple Display Control (MDA) support | Yes | Yes | Yes | Yes | Yes |
| | X-Sign (please check website for detailed information) | Yes | Yes | Yes | Yes | Yes |
| Accessories | Remote Control (w/o Battery) | Yes | Yes | Yes | Yes | Yes |
| | Power Cord (by region) | Yes | Yes | Yes | Yes | Yes |
| | Quick Start Guide | Yes | Yes | Yes | Yes | Yes |
| | D-sub/HDMI/DP/DVI Cable | Yes/Yes/Yes/No | Yes/Yes/Yes/No | Yes/Yes/Yes/No | No/No/Yes/Yes | No/No/Yes/Yes |
| | IR Extender Cable | Yes | Yes | Yes | Yes | Yes |
| | RS232 Cable & Loop Cable | Yes | Yes | Yes | Yes | Yes |
| | Audio Cable | Yes | Yes | Yes | Yes | Yes |
| | GAP Inspection Pads | Yes | Yes | Yes | Yes | Yes |
| | Edge Finishing Kits (optional) | Yes | Yes | Yes | Yes | Yes |
| | x-rite color meter for Color Calibration SW (optional) | Yes | Yes | Yes | Yes | Yes |

Input / Output Terminals

