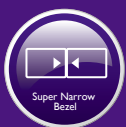




# BenQ PL490/PL552/PL553 Ultra-Narrow Bezel Design

the Seamless Viewing Experience

BenQ Super Narrow Bezel Display



Because it matters

# BenQ Super Narrow Bezel Display



PL490

PL553

PL552

## Ultra-Narrow Bezel Design for Immersive Experience

Boasting an ultra-narrow bezel design at 1.8mm (PL553) & 3.5mm (PL490/PL552), video wall installations with the PL490/PL552/PL553 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.

## 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.

\*Available on select models.

## MDA Remote Control Capability

BenQ MDA (Multiple Display Administrator) software helps you control and manage multiple displays simultaneously via local network. In addition to great convenience, MDA enables powerful functions including integration with centralized monitoring and the ability to easily blank unused displays, reducing power costs and conserving the environment.

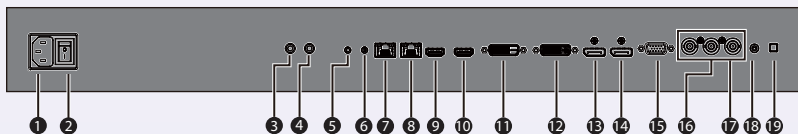
## Powerful Color Calibration Support

BenQ color calibration software saves valuable time by efficiently unifying a video wall's precise color profile. Complete calibration takes just three easy steps: detect color irregularities with a measurement meter, then hit the calibration key to generate a uniform color profile for distribution to the array of displays. The whole video wall can be calibrated in seconds.

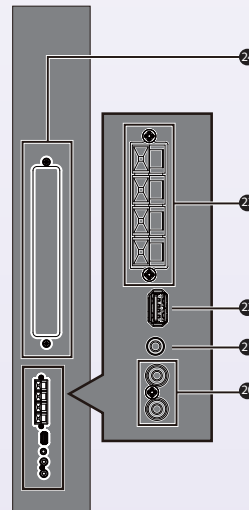
## OPS Slot for All-in-One Video Wall Solutions

Increasing versatility, select BenQ super narrow bezel displays support the Open Pluggable Specification (OPS) standard, allowing you to insert optional modules into the display to expand connectivity and functionality without an external media player. Using OPS modules in conjunction with DVI daisy chain, you can instantly connect additional BenQ super narrow bezel signage to install spectacular video walls sure to catch customers' eyes.

## Input/Output Terminals



- |                     |                              |                      |                       |
|---------------------|------------------------------|----------------------|-----------------------|
| 1 AC IN             | 6 RS232C OUT                 | 11 DVI-IN            | 16 COMPONENT IN (BNC) |
| 2 MAIN POWER SWITCH | 7 RJ-45 IN                   | 12 DVI OUT / VGA OUT | 17 Y/ CVBS            |
| 3 IR IN             | 8 RJ-45 OUT (only for PL553) | 13 DisplayPort IN    | 18 PC LINE IN         |
| 4 IR OUT            | 9 HDMI IN                    | 14 DisplayPort OUT   | 19 SPEAKER SWITCH     |
| 5 RS232C IN         | 10 HDMI IN                   | 15 VGA IN (D-Sub)    |                       |



- |                 |
|-----------------|
| 20 AUDIO IN     |
| 21 AUDIO OUT    |
| 22 USB PORT     |
| 23 SPEAKERS OUT |
| 24 OPS SLOT     |



# Specifications

| Model               | PL490   | PL552  | PL553   |   |
|---------------------|---|--|---|---|
| Panel               | Screen Size   | 49"  | 55"   | 55"   |
|                     | Backlight/Lightsource   | D-LED  | D-LED   | D-LED   |
|                     | Active Area (horizontal × vertical)(mm)                               | 1073.8 × 604 mm  | 1209.6 × 680.4 mm   | 1209.6 × 680.4 mm   |
|                     | Resolution (pixels)   | FHD 1920 × 1080  | FHD 1920 × 1080   | FHD 1920 × 1080   |
|                     | Brightness (typical)  | 450 nits   | 500 nits  | 500 nits  |
|                     | Contrast Ratio (typical)  | 1300:1   | 1400:1  | 1200:1  |
|                     | Dynamic Contrast Ratio  | 500,000:1  | 500,000:1   | 500,000:1   |
|                     | Viewing Angle (horizontal/vertical)                                   | 178° / 178°  | 178° / 178°   | 178° / 178°   |
|                     | Aspect Ratio  | 16:9   | 16:9  | 16:9  |
|                     | Light Life (typical)  | 50,000hrs  | 50,000hrs   | 50,000hrs   |
| Display Orientation | Landscape / Portrait  | Landscape / Portrait   | Landscape / Portrait  |   |
| Audio               | Internal Speaker (Amp)  | 10W × 2  | 10W × 2   | 10W × 2   |
|                     | Audio In/Out (left/right, RCA)  | x1 (RCA) / No  | x1 (RCA) / No   | x1 (RCA) / No   |
|                     | External Speaker Out (left/right)                                     | x1   | x1  | x1  |
| Connectivity        | Audio Line In/Out (3.5mm)   | x1 / x1  | x1 / x1   | x1 / x1   |
|                     | VGA In/Out  | x1 / No  | x1 / No   | x1 / No   |
|                     | DVI In/Out  | x1 / x1  | x1 / x1   | x1 / x1   |
|                     | HDMI In/Out   | x2 / No  | x2 / No   | x2 / No   |
|                     | Display Port In/Out   | x1 / x1  | x1 / x1   | x1 / x1   |
|                     | USB port (Type A)   | x1 (2.0)   | x1 (2.0)  | x1 (2.0)  |
|                     | RJ45 Port In/Out  | x1 / No  | x1 / No   | x1 / x1   |
| Control             | RS232 In/Out  | x1 / x1  | x1 / x1   | x1 / x1   |
|                     | IR loop Through In/Out  | Yes  | Yes   | Yes   |
|                     | OPS Slot  | x1   | x1  | x1  |
| Power               | AC/DC In  | AC   | AC  | AC  |
|                     | AC Power Switch   | x1   | x1  | x1  |
|                     | Voltage   | 100V ~ 240V, 50Hz / 60Hz   | 100V ~ 240V, 50Hz / 60Hz  | 100V ~ 240V, 50Hz / 60Hz  |
|                     | Power Consumption (typical/standby)                                   | ≤ 110W / ≤ 0.5W  | ≤ 185W / ≤ 0.5W   | ≤ 133W / ≤ 0.5W   |
| Mechanical          | Dimension (W×HxD) (mm)  | 1077.6 × 607.8 × 103.8mm   | 1213.4 × 684.2 × 103.4mm  | 1211.4 × 682.2 × 106.9mm  |
|                     | Bezel Width (top/bottom/left/right) (mm)                              | 2.3 / 1.2 / 2.3 / 1.2mm  | 2.3 / 1.2 / 2.3 / 1.2mm   | 0.9 / 0.9 / 0.9 / 0.9mm   |
|                     | Weight (w/o Packing/ w/ Packing) (kg)                                 | 21.6kg / 34.3kg  | 29.2kg / 43.5kg   | 24.4kg / 36.6kg   |
|                     | Wall Mounting (VESA) (mm)   | 400 × 400 (4 holes)<br>4 - M6 × 10L  | 400 × 400 (4 holes)<br>4 - M6 × 10L   | 400 × 400 (4 holes)<br>4 - M6 × 10L   |
| Environment         | Operation Temperature   | 0° C ~ 40° C   | 0° C ~ 40° C  | 0° C ~ 40° C  |
|                     | Storage Temperature   | -20° C ~ 60° C   | -20° C ~ 60° C  | -20° C ~ 60° C  |
|                     | Usage (Hour/Day)  | 24/7   | 24/7  | 24/7  |
| 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 / Korea/ Thailand (21 Languages) | English / French / Spanish / Portuguese / Simplified Chinese / Traditional Chinese / German / Deutsch / Polish / Russian / Czech / Danish / Swedish / Italian / Romanian / Finnish / Norwegian / Greek / Turkish / Arabic / Japanese (21 Languages) | English / French / Spanish / Portuguese / Simplified Chinese / Traditional Chinese / German / Deutsch / Polish / Russian / Czech / Danish / Swedish / Italian / Romanian / Finnish / Norwegian / Greek / Turkish / Arabic / Japanese (21 Languages) |
|                     |   | Color Calibration Support  | Yes   | Yes   |
| Software            | Multiple Display Control (MDA) Support                                | Yes  | Yes   | Yes   |
|                     | X-Sign (please check X-Sign website for detailed compatibility info.) | Yes  | Yes   | Yes   |
|                     | Remote Control  | Yes  | Yes   | Yes   |
| Accessory           | Power Cord (by region)  | Yes  | Yes   | Yes   |
|                     | VGA Cable   | Yes  | Yes   | Yes   |
|                     | DVI Cable   | N/A  | N/A   | Yes   |
|                     | HDMI Cable  | Yes  | Yes   | N/A   |
|                     | DP Cable  | Yes  | Yes   | Yes   |
|                     | Audio Cable   | Yes  | Yes   | Yes   |
|                     | RS232 Cable/RS232 Loop Cable  | Yes  | Yes   | Yes   |
|                     | IR Extender Cable/IR Loop Cable                                       | Yes  | Yes   | Yes   |
|                     | Quick Start Guide   | Yes  | Yes   | Yes   |
|                     | User's Manual Electronic File   | Yes  | Yes   | Yes   |
| GAP Inspection Pads | Yes   | Yes  | Yes   |   |

