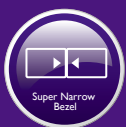




# BenQ PL490/PL552/PL553 Ultra-Narrow Bezel Design

the Seamless Viewing Experience

BenQ Super Narrow Bezel Display



Because it matters

# BenQ Super Narrow Bezel Display



## Specifications

### 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.

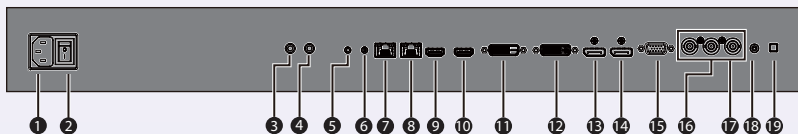
### Powerful Color Calibration Support

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.

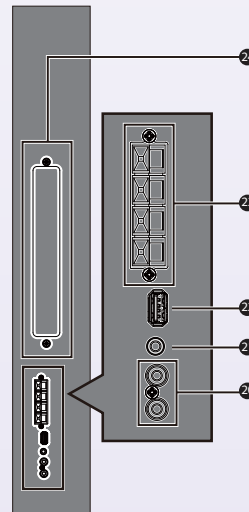
### OPS Slot for All-in-One Video Wall Solutions

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     |



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 (WxHxD) (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) 4 - M6 × 10L	400 × 400 (4 holes) 4 - M6 × 10L	400 × 400 (4 holes) 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)
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Software	Color Calibration Support	Yes	Yes	Yes
	Multiple Display Control (MDA) Support	Yes	Yes	Yes
	X-Sign (please check X-Sign website for detailed compatibility info.)	Yes	Yes	Yes
Accessory	Remote Control	Yes	Yes	Yes
	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	

