

BenQ Super Narrow Bezel Display



















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PL490

Ultra-Narrow Bezel Design for Immersive Experience

Boasting an ultra-narrow bezel design at 3.5mm, video wall installations with the PL490/PL552 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 Delivering Stunning 4K Clarity

Featuring industry-leading DisplayPortI. Ia daisy chain technology, the PL490/PL552 is equipped to display stunning 4K UHD images across a video wall installation up to 15x15 without using splitters. To further boost the ease of content management, the PL490/PL552 supports X-Sign software compatibility, allowing you to easily create and enrich your 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 and Distribute Content with Ease

Plug a USB flash drive into the PL490/PL552 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.

Multiple Display Administrator (MDA)

Control and manage multiple displays simultaneously through your local network or serial port. In addition to great convenience, MDA also offers powerful functions such as remote power scheduling and centralized status monitoring. These features can save you precious time on adjusting individual units and keeping all displays in prime shape.

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.

OPS Slot for All-in-One Video Wall Solution

To increase versatility, each PL490/PL552 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.

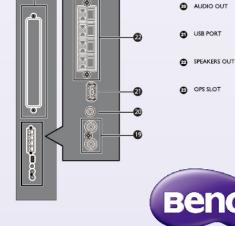
By using OPS modules in conjunction with DVI daisy chain, you can instantly connect other PL490/PL552s and install a spectacular video wall that is sure to catch customer's eye.

Specifications

	Model	PL490		PL552	
	Screen Diagonal	49"		55"	
Panel	Backlight	LED		LED	
	Active Area (Horizontal x Vertical) (mm)	1073.8x604.0		1209.6×680.4	
	Resolution (Pixels)	FHD 1920 x 1080 (pixels)		FHD 1920 x 1080 (pixels)	
	Aspect Ratio	16:9		16:9	
	Brightness (Typical)	450 nits		500 nits	
	Contrast Ratio (Typical)	1300:1		1400:1	
	Dynamic Contrast Ratio	500,000: I		500,000: I	
	Viewing Angle (Horizontal x Vertical)	178 degree (H) / 178 degree (V)		178 degree (H) / 178 degree (V)	
	Color gamut (x% NTSC)	72%		72%	
	Frame Rate	60Hz		60Hz	
	Response Time (ms)	8ms		12ms	
	Panel Bit / Color Support	10 bit, 1.06 B colors		10 bit, 1.06 B colors	
	Light Life (Typical)	50,000 hrs (typ.)		50,000 hrs (typ.)	
	Display Orientation	Portrait/Landscape		Portrait/Landscape	
Audio	Internal Speaker (Amp)	10W+10W		10W+10W	
	External Speaker Out	ΧI		X I	
	Audio line-in/ Out (3.5mm)	X I/ XI		X I/XI	
	Audio In/ Out (RCA)	X I/ No		X I/ No	
Basic IO Legacy IO	D-sub In/ Out	X I/ No		X I/ No	
	HDMI (Type A) In/ Out	X 2/ No		X 2/ No	
	DVI-D In/ DVI-I Out	X I/X I		X I/X I	
	Component In/ Out (BNC)	X I/No		X I/No	
Premium IO	Composite In/ Out (BNC)	X I/ No		X I/No	
	USB (Type A)	X I/X I		X I/X I	
	RJ45 In/ Out	X I/ No			
Control	RS232 In/ Out	X I/X I		X I/ No X I/ X I	
	IR In/ Out	X I/X I		X I/X I	
	OPS Slot	XI		XI	
Mechanical	Dimension (WxHxD) (mm)	1077.6 x 607.8 x103.8		1213.4 x 684.2 x103.4	
	Bezel Width	2.3/1.2/2.3/1.2		2.3/1.2/2.3/1.2	
	(Top/Bottom/Left/Right) (mm) Weight (Without packing / With	21.6kg / 33.3 kg		29.2kg / 44.3 kg	
Power Environment	packing) AC in	ΧI		X I	
	AC power switch	XI		XI	
	Voltage	100 V ~ 240 V, 50 Hz / 60 Hz		100 V ~ 240 V, 50 Hz / 60 Hz	
	Power Consumption (Maximum)	235W		320W	
	Operation Temperature	0°C ~ 40°C		0°C ~ 40°C	
	Usage (Hour/Day)	24 / 7		24 / 7	
OSD	On-Screen Display Languages	21 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 / German / Dutch / French / Italian / Spanish / Russian / Polish / Simplified Chinese / Arabic / Japanese / Traditional Chinese / Czech / Danish / Swedish / Romanian / Finnish / Norwegian / Greek / Korea/Thailand	
Software	Color Calibration support	Yes		Yes	
	Multiple Display Control (MDA) support	Yes		Yes	
	X-Sign (please check X-Sign website for detailed compatibility information)	Yes		Yes	
	Standard	Yes	Yes	Remote Control (w/o battery)	Yes
Accessories		Power Cord (by region)	Yes	Power Cord (by region)	Yes
		Quick Start Guide	Yes	Quick Start Guide	Yes
		D-sub/HDMI/DP Cable	Yes	D-sub/HDMI/DP Cable	Yes
		IR Extender Cable	Yes	IR Extender Cable	Yes
		RS232 Cable & Loop Cable	Yes	RS232 Cable & Loop Cable	Yes
		Audio Cable	Yes	Audio Cable	Yes
		GAP Inspection Pads	Yes	GAP Inspection Pads	Yes

Input/Output Terminals





Note: Android is a trademark of Google Inc.

Because it matters

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