



BenQ PL490/PL552

Ultra-Narrow Bezel Design

the Seamless Viewing Experience

BenQ Super Narrow Bezel Display



Because it matters

BenQ Super Narrow Bezel Display



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 DisplayPort 1.1a 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.

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	
Panel	Screen Diagonal	49"	55"
	Backlight	LED	LED
	Active Area (Horizontal x Vertical) (mm)	1073.8x604.0	1209.6x680.4
	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	500,000:1	500,000:1
	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	X 1	X 1
	Audio line-in/ Out (3.5mm)	X 1/ X1	X 1/ X1
Basic IO	Audio In/ Out (RCA)	X 1/ No	X 1/ No
	D-sub In/ Out	X 1/ No	X 1/ No
	HDMI (Type A) In/ Out	X 2/ No	X 2/ No
Legacy IO	DVI-D In/ DVI-I Out	X 1/ X 1	X 1/ X 1
	Component In/ Out (BNC)	X 1/ No	X 1/ No
Premium IO	Composite In/ Out (BNC)	X 1/ No	X 1/ No
	DisplayPort In/ Out	X 1/ X 1	X 1/ X 1
	USB (Type A)	X 1	X 1
Control	RJ45 In/ Out	X 1/ No	X 1/ No
	RS232 In/ Out	X 1/ X 1	X 1/ X 1
	IR In/ Out	X 1/ X 1	X 1/ X 1
Mechanical	OPS Slot	X 1	X 1
	Dimension (WxHxD) (mm)	1077.6 x 607.8 x103.8	1213.4 x 684.2 x103.4
	Bezel Width (Top/Bottom/Left/Right) (mm)	2.3/1.2/2.3/1.2	2.3/1.2/2.3/1.2
Power	Weight (Without packing / With packing)	21.6kg / 33.3 kg	29.2kg / 44.3 kg
	AC in	X 1	X 1
	AC power switch	X 1	X 1
Environment	Voltage	100V ~ 240V, 50 Hz / 60 Hz	100V ~ 240V, 50 Hz / 60 Hz
	Power Consumption (Maximum)	235W	320W
	Operation Temperature	0°C ~ 40°C	0°C ~ 40°C
OSD	Usage (Hour/Day)	24 / 7	24 / 7
	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
	Color Calibration support	Yes	Yes
Software	Multiple Display Control (MDA) support	Yes	Yes
	X-Sign (please check X-Sign website for detailed compatibility information)	Yes	Yes
	Remote Control (w/o battery)	Yes	Yes
Accessories	Power Cord (by region)	Yes	Yes
	Quick Start Guide	Yes	Yes
	D-sub/HDMI/DP Cable	Yes	Yes
	IR Extender Cable	Yes	Yes
	RS232 Cable & Loop Cable	Yes	Yes
	Audio Cable	Yes	Yes
	GAP Inspection Pads	Yes	Yes

Input/Output Terminals

