BenQ Super Narrow Bezel Series

The Ultra-Narrow Bezel Design for Immersive Experience

BenQ

Because it matters

PL490/ PL552/ PL553/ PH5501/ PH5502

50,000 hrs

450/500/700 nits

Super Narrow Bezel

DP & DVI

4K Video Wall
DP Daisy Chain

DMS Support

Color Calibration

Orientation

BenQ

Because it matters

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.
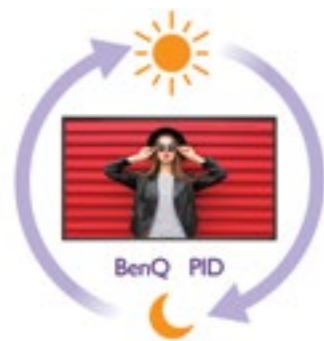
24/7 Non-stop Operation

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.
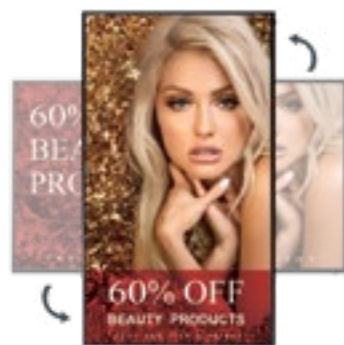
Flawless Display in Portrait and Landscape View

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.
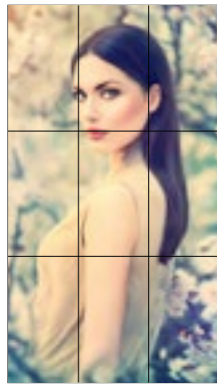
Flexible Color Temperature Adjustment for Captivating Images

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.
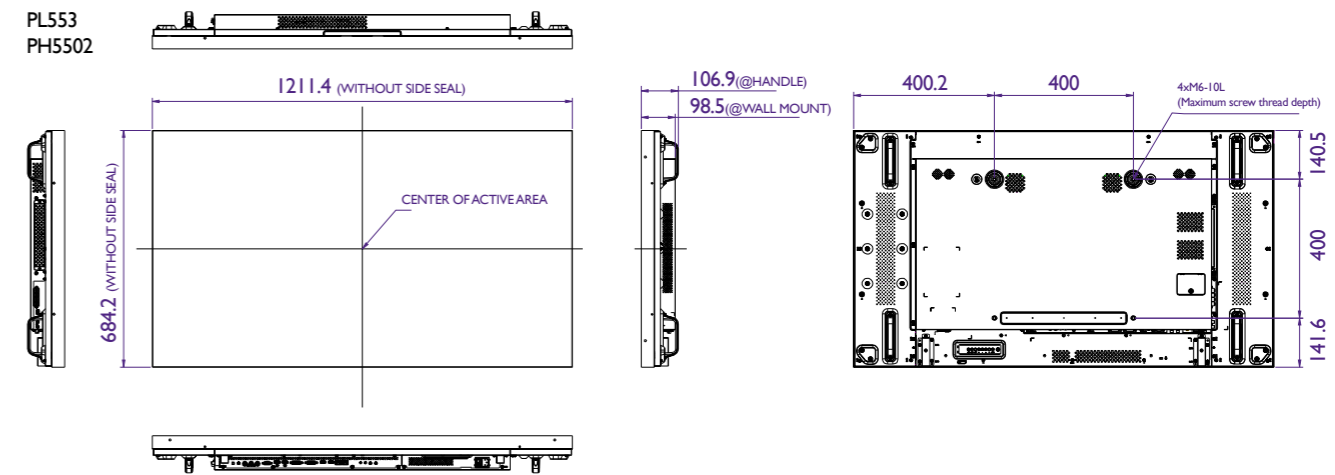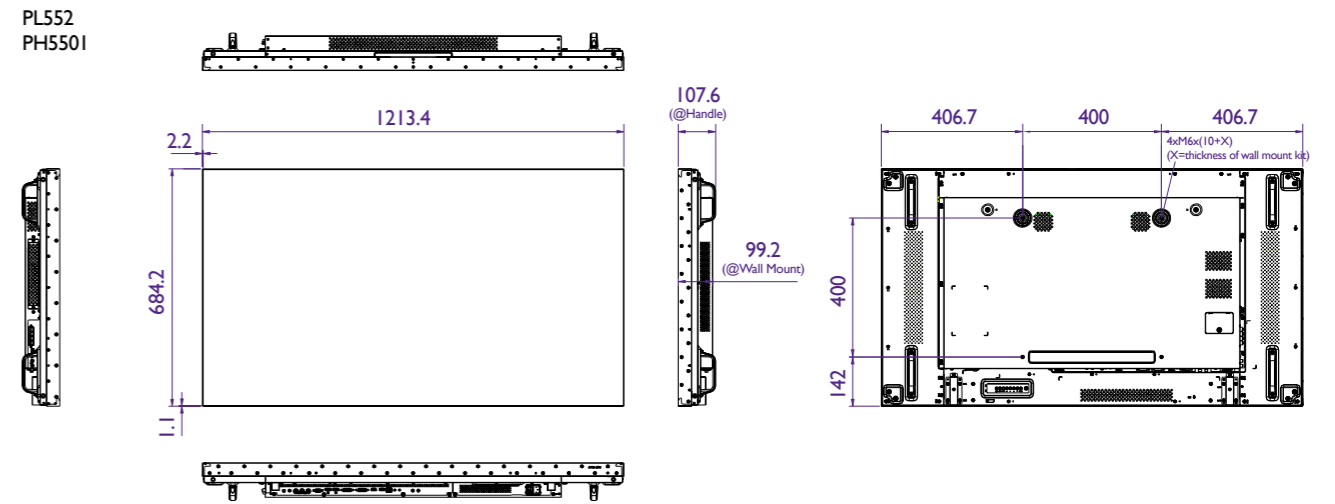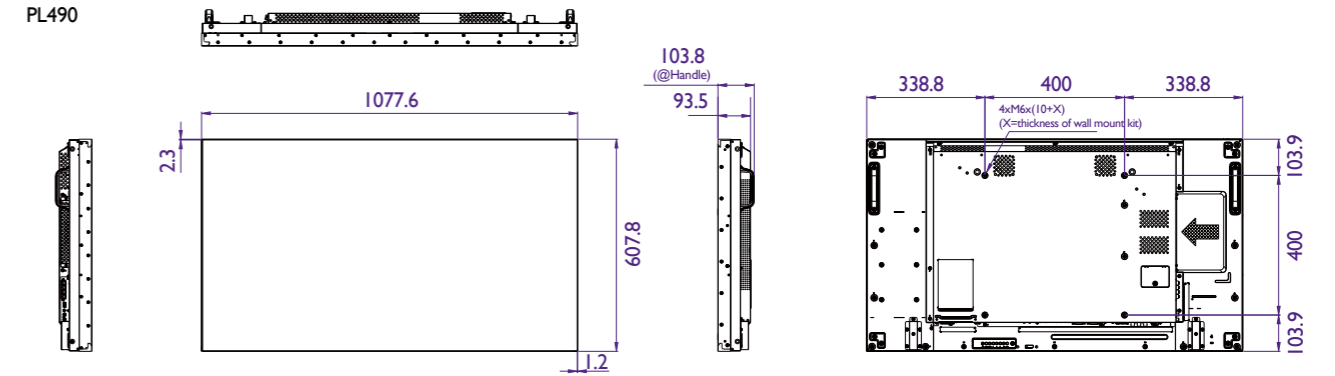
Hassle-Free Display Management

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

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.
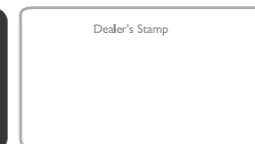
Auto ID Setting Prompts Quick Display ID Configuration

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.

Dimension

PL490

1077.6
103.8 (@Handle)
93.5
2.3
607.8
1.2
338.8 — 400 — 338.8
4xM6x(10+X) (X=thickness of wall mount kit)
103.9
400
103.9

PL552 / PH5501

1213.4
107.6 (@Handle)
2.2
684.2
99.2 (@Wall Mount)
1.1
406.7 — 400 — 406.7
4xM6x(10+X) (X=thickness of wall mount kit)
400
142

PL553 / PH5502

1211.4 (WITHOUT SIDE SEAL)
106.9 (@HANDLE)
98.5 (@WALL MOUNT)
684.2 (WITHOUT SIDE SEAL)
CENTER OF ACTIVE AREA
400.2 — 400
4xM6-10L (Maximum screw thread depth)
140.5
400
141.6

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 1/ No	X 1/ No	X 1/ No	X 1/ No	X 1/ No
	Audio line-in/ Out (3.5mm)	X 1/ X1	X 1/ X1	X 1/ X1	X 1/ X1	X 1/ X1
	Composite video In/ Out (BNC)	X 1/ No	X 1/ No	X 1/ No	X 1/ No	X 1/ No
	Component In/ Out (YPbPr; RCA)	X 1/ No	X 1/ No	X 1/ No	X 1/ No	X 1/ No
	D-sub In/ Out	X 1/ No	X 1/ No	X 1/ No	X 1/ No	X 1/ 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 1/ X 1	X 1/ X 1	X 1/ X 1	X 1/ X 1	X 1/ X 1
	DisplayPort In/ Out	X 1/ X 1	X 1/ X 1	X 1/ X 1	X 1/ X 1	X 1/ X 1
	RJ45 In/ Out	X 1/ No	X 1/ No	X 1/ No	X 1/ No	X 1/ No
	RS232 In/ Out	X 1/ X 1	X 1/ X 1	X 1/ X 1	X 1/ X 1	X 1/ X 1
	USB (Type A)	X 1	X 1	X 1	X 1	X 1
	AC power switch	X 1	X 1	X 1	X 1	X 1
	IR In/ Out	X 1/ X 1	X 1/ X 1	X 1/ X 1	X 1/ X 1	X 1/ X 1
	OPS Slot	X 1	X 1	X 1	X 1	X 1
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	100 V ~ 240 V, 50 / 60 Hz	100 V ~ 240 V, 50 / 60 Hz	100 V ~ 240 V, 50 / 60 Hz	100 V ~ 240 V, 50 / 60 Hz	100 V ~ 240 V, 50 / 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 / Korea/ 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

1. AC IN
2. MAIN POWER SWITCH
3. IR IN
4. IR OUT
5. RS232C IN
6. RS232C OUT
7. RJ-45 IN
8. RJ-45 OUT(only for PL553)
9. HDMI1 IN
10. HDMI2 IN
11. DVI-IN
12. DVI OUT / VGA OUT
13. DisplayPort IN
14. DisplayPort OUT
15. VGA IN (D-Sub)
16. COMPONENT IN (BNC)
17. Y/CVBS
18. PC LINE IN
19. SPEAKER SWITCH

20. AUDIO IN
21. AUDIO OUT
22. USB PORT
23. SPEAKERS OUT
23. OPS SLOT