PL460 | Designed For Excellence

Features

- 46" LCD Monitor
- Native Full HD 1920 x 1080 Resolution
- 4,000:1 Native Contrast Ratio
- High Brightness & 8-bit PID Panel
- 6.5 ms Response Time, HDMI
- 178° x 178° Viewing Angle, 500 nits (typ)

Highlights

Super Narrow Bezel

The super-narrow bezel of the P Series achieves an incredible 5.4mm bezel to bezel gap to provide the audience with a virtually seamless viewing experience whether in landscape or portrait mode. As screens are close to each other, they bring viewers closer to your message as well.
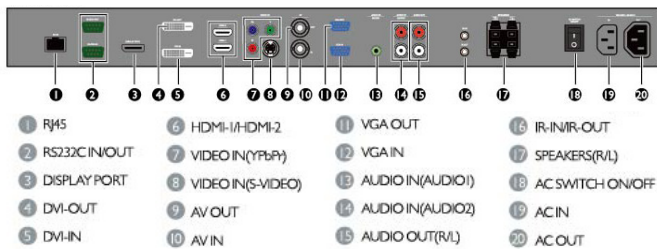
High Brightness

With up to 500 bit panel brightness (color), the panel is capable of displaying 8-bit levels for each primary color, that's 16.7M colors in total. This helps produce smooth, rich, images with no visible color banding for extremely vivid and effective content.

24/7 Operation

The P Series has an amazing average life of 50,000 hours - enough for several years of non-stop service. With the reliable industrial-class performance and sturdy build, the BenQ digital signage displays are in fact more economic then consumer models.

Color Calibration

The optional BenQ Color Calibration solution is great for managing a number of displays. It unifies the color profile of every screen for the best aggregated presentation through a central PC without the need to manually adjust each unit. A true time-saver.

Specifications

Panel	LCD Size	46"
	Light Source	Direct LED
	Active Area (mm)	1018.08(H) x 572.67(V)
	Resolution	FHD 1920 x 1080 (pixels)
	Aspect Ratio	16:9
	Brightness	500 nits (typ.)
	Contrast Ratio	4000:1 (typ.)
	Response Time (ms)	6.5ms (typ.)
	Pixel Pitch	0.53025 (H) x 0.53025 (W) mm
	Frame Rate	60Hz
	Viewing Angle	178 degree (H) / 178 degree (V)
	Light Life	50,000 hrs (typ.)
	Color gamut (x% NTSC)	72%
	Panel Bit	8 bit, 16.7M
Power	Voltage	100 V ~ 240 V, 50 Hz / 60 Hz
	Maximum (Watt)	<155W
	Typical (Watt)	148W
	Standby (Watt)	<0.5W (only VGA wake-up)
	Power Off (Watt)	<0.5W
Environment	Operation Temp (dC)	0°C ~ 40°C
	Storage Temp (dC)	-20°C ~ 60°C
	Storage Humidity	10% ~ 90% RH
	Operating Humidity	10% ~ 80% RH
	Display Orientation	Landscape / Portrait
	Usage (hrs/days)	24 hours / 7 days
Audio	Audio Input (L/R, RCA)	x1
	Audio Output (L/R, RCA)	x1
	Internal Spk	12W x 2
	Line in (3.5mm)	x1
AC Power	Power (AC) Input	x1
	Power (AC) Output	x1
	Power switch	x1
I/O	VGA In	x1
	VGA Output	x1 (3x3 Daisy Chain)
	DVI-D Input	x1
	DVI-D Output	x1 (4x4 Daisy Chain)
	HDMI Input	x1
	HDMI Output	No
	Composite video In (BNC)	Yes (BNC)
	Composite video Out (BNC)	Yes (BNC)
	Component In (RCA)	Yes (RCA)
	S-Video In	x1
	Display Port Input	x1
	RJ45 Port (Video Over Ethernet)	No
Control	RS232 Input	x1
	RS232 Output	x1
	RJ45 Port	x1
	FW Update	RS232/LAN
	IR Loop Through 3.5mm	x1
ME	Weight (without / with packing)	<25/31kg
	Dimension (WxHxD)	1023.68x578.27x106.7 mm
	Bezel Width (T/B/L/R)	3.4/2.0/3.4/2.0 mm
	Wall Mounting	400x400 (4 holes)
	VESA Hole (for Media Player)	No
Language	OSD	EN/EF/SP/EP/CN/TC
Accessory	Remote Controller	x1
	PWR Cord	1.8 meter
	VGA Cable	x1
	Quick start guide	x1
Number	UPC code	8400460-2876-3
	BenQ Part Number	9H.F0APM.NA3
Software Compatible	Multiple display administrator	Yes
	Color calibration	Yes
Warranty	Warranty	3-Year
Features	Image Setting, VGA Daisy Chain, DVI Daisy Chain, RS232 Control Daisy Chain, ID Setting, Sharpness Enhancement, Proof of Image Retention, Diming Control (Adaptive Contrast), Picture in Picture (PIP), Picture by Picture (PBP), DVI-HDCP, HDMI-HDCP, Scheduling, Ambient Light Sensor, Internal Temperature Sensor, CEC Control	

1. RJ45
2. RS232C IN/OUT
3. DISPLAY PORT
4. DVI-OUT
5. DVI-IN
6. HDMI-1/HDMI-2
7. VIDEO IN(YPbPr)
8. VIDEO IN(S-VIDEO)
9. AV OUT
10. AV IN
11. VGA OUT
12. VGA IN
13. AUDIO IN(AUDIO1)
14. AUDIO IN(AUDIO2)
15. AUDIO OUT(R/L)
16. IR-IN/IR-OUT
17. SPEAKERS(R/L)
18. AC SWITCH ON/OFF
19. AC IN
20. AC OUT

Windows 8 Compatible
CERTIFIED DP
FULL HD 1080P
Slim Bezel
PIP/PBP

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