

PH550 | Designed For Excellence

Features

- 55" LCD Monitor
- Native Full HD 1920 x 1080 Resolution
- 800 nits
- 1,400:1 Native Contrast Ratio
- Up To 50,000 Hours Backlight Life
- 178° x 178° Viewing Angle

Highlights

Super Narrow Bezel

The super-narrow bezel of the P Series achieves an incredible 5.3mm 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

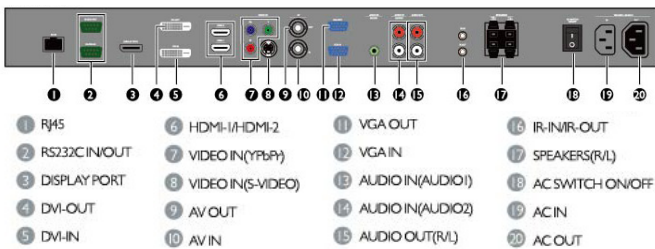
With up to 800 bit panel brightness (color), the panel is capable of displaying 10-bit levels for each primary color, that's 1.07 billion colors in total. This helps produce smooth, rich, images with no visible color banding for extremely vivid and effective content.

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 than 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.



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



Specifications

| | | |
|-------------------------|---|---------------------------------|
| Panel | LCD Size | 55" |
| | Light Source | Direct LED |
| | Active Area (mm) | 1209.6(H) x 680.4(V) |
| | Resolution | FHD 1920 x 1080 (pixels) |
| | Aspect Ratio | 16:9 |
| | Brightness | 800 nits (typ.) |
| | Contrast Ratio | 1400:1 (typ.) |
| | Response Time (ms) | 10ms (typ.) |
| | Pixel Pitch | 0.63 (H) x 0.63 (W) mm |
| | Frame Rate | 60Hz |
| | Viewing Angle | 178 degree (H) / 178 degree (V) |
| | Light Life | 50000 hrs (typ) |
| | Color gamut (x% NTSC) | 72% |
| | Panel Bit | 10 bit (8bit+FRC), 1073.7M |
| | Power | Voltage |
| Maximum (Watt) | | <345W |
| Typical (Watt) | | 310W |
| 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) |
| 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 |
| | VGA In | x1 |
| I/O | 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 |
| RS232 Output | | x1 |
| RJ45 Port | | x1 |
| FW Update | | RS232/LAN |
| IR Loop Through 3.5mm | | x1 |
| ME | | Weight (without / with packing) |
| | Dimension (WxHxD) | 1215.2 x 686 x 115.25 mm |
| | Bezel Width (T/B/L/R) | 3.4/1.9/3.4/1.9 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 | 8400460-2978-4 |
| | BenQ Part Number | 9H.FONPM.NA2 |
| 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, Dimming Control (Adaptive Contrast), Picture in Picture (PIP), Picture by Picture (PBP), DVI-HDCP, HDMI-HDCP, Scheduling, Ambient Light Sensor, Internal Temperature Sensor, CEC Control | |

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Because it matters