

Specifications for Philips BDL4220QL



Picture/Display
Diagonal screen size (metric)
106.7 cm
Diagonal screen size (inch)
42 inch
Panel resolution
1920x1080p
Optimum resolution
1920 x 1080 @ 60 Hz
Brightness
350 cd/m ²
Contrast ratio (typical)
3000:1
Response time (typical)
6.5 ms
Aspect ratio
16:9
Viewing angle (horizontal)
178 degree
Viewing angle (vertical)
178 degree

Pixel pitch
0.16 x 0.48mm
Display colors
16.7 Million
Surface treatment
Anti-Glare coating
Picture enhancement
<ul style="list-style-type: none"> • 3/2 - 2/2 motion pull down
<ul style="list-style-type: none"> • 3D Combfilter
<ul style="list-style-type: none"> • Motion compens. deinterlacing
<ul style="list-style-type: none"> • Progressive scan
<ul style="list-style-type: none"> • 3D MA deinterlacing
<ul style="list-style-type: none"> • Dynamic contrast enhancement
Convenience
Screen saving functions
Pixel Shift, Low Brightness
Keyboard control
Hidden
Network controllable
RS232
Signal Loop Through
RS232
Dimensions
Set Width
980.4 mm
Set Height
572.9 mm
Set Depth
38.5 mm
Bezel width
19.7 mm
Product weight
11.9 kg

VESA Mount
400 x 400mm
Box width
1070.0 mm
Box height
727.0 mm
Box depth
148.0 mm
Weight incl. Packaging
15.3 kg
Supported Display Resolution
Computer formats
○ 640 x 480, 60, 67, 72, 75Hz
○ 800 x 600, 56, 60, 72, 75Hz
○ 1024 x 768, 60Hz
○ 1280 x 768, 60Hz
○ 1280 x 800, 60Hz
○ 1360 x 768, 60Hz
○ 1366 x 768, 60Hz
○ 1440 x 900, 60Hz
○ 1920 x 1080, 60Hz
Video formats
○ 480i, 60Hz
○ 480p, 60Hz
○ 576p, 50Hz
○ 576i, 50Hz
○ 720p, 50, 60Hz
○ 1080i, 50, 60Hz

- 1080p, 50, 60Hz

Connectivity

Video input

- DVI-D
- HDMI
- VGA (Analog D-Sub)
- USB
- Component (RCA)
- Composite (RCA)
-

Audio input

- 3.5 mm jack
- Audio Left/Right (RCA)

Audio output

- SPDIF
- Audio Left/Right (RCA)

External control

- RJ45
- RS232C (in/out) 2.5 mm jack
- IR (in/out) 3.5 mm jack

Operating conditions

Temperature range (operation)

0 ~ 40 °C

Temperature range (storage)

-20 ~ 60 °C

Relative humidity

20 ~ 80 %

MTBF
50,000 hour(s)
Power
Mains power
100 ~ 240 VAC
Consumption (On mode)
55 W (EnergyStar 6.0 test method)
Standby power consumption
<0.5 W
Sound
Built-in speakers
2 x 7W RMS
Multimedia Applications
USB Playback Video
○ 3G2
○ 3GP
○ ASF
○ ASX
○ AVI
○ DAT
○ DivX
○ F4V
○ FLV
○ M2TS
○ M4V
○ MK3D

○ MKV
○ MOV
○ MP4
○ MPE
○ MPEG
○ MPG
○ MTS
○ QT
○ TRP
○ TS
○ TTS
○ VOB
○ WEBM
○ WMV
○ Xvid
USB Playback Picture
○ BMP
○ GIF
○ JPEG
○ JPG
USB Playback Audio
○ AAC
○ AC3

○ AIF
○ AIFF
○ AMR
○ EC3
○ M4A
○ MP3
○ OGA
○ OGG
○ WAV
○ WMA
Accessories
Included accessories
• AC Power Cord
• RS232 cable
• VGA cable
• Remote Control
• Batteries for remote control
• User manual on CD-ROM
• Quick start guide
Stand
BM02542
Miscellaneous
Warranty
3 year warranty

On-Screen Display Languages
• English
• French
• German
• Italian
• Polish
• Russian
• Spanish
• Turkish
• Simplified Chinese
• Traditional Chinese
Regulatory approvals
• CE
• FCC, Class B
• CCC
• RoHS
• UL/cUL
• C-Tick
• BSMI
• CB
• GOST



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