

Specifications

Display system

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3 LCD system

Display device

Size of effective display area

New LCD panel 19 mm (0.76 in) x 3 BrightEra LCD Panel, Aspect ratio: 16:10

Number of pixels

6,912,000 (1920 x 1200 x 3) pixels

Projection lens *1

Focus

Powered

Zoom - Powered/Manual

Powered

Zoom - Ratio

Approx. x 1.6

Throw ratio

1.39:1 to 2.23:1

Lens shift - Powered/Manual

Powered

Lens shift - Range Vertical

-5%, +70%

Lens shift - Range Horizontal

+/- 32%

Light source

Type

Laser diode

Screen size

Screen size

40" to 600" (1.02 m to 15.24 m) (measured diagonally)

Light output *2

Mode: Standard

6000 lm*3/6500 lm (Center)*4

Mode: Middle

4800 lm

Mode: Low

-

Color light output*2**Mode: Standard**

6000 lm

Mode: Middle

4800 lm

Mode: Low

-

Time until light output declines to 50%*5**Mode: Standard**

20000 hours

Mode: Middle

30,000 hours

Contrast ratio (full white / full black) *2**Contrast ratio (full white / full black)**

∞:1

Displayable scanning frequency**Horizontal**

15 kHz to 93 kHz

Vertical

23 Hz to 63 Hz

Accepted signal resolution**Computer signal input**

Maximum signal resolution: 1920 x 1200 *6

Video signal input

NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, 3840/60p, 3840/30p, 3840/25p, 3840/24p, 4096/60p, 4096/30p, 4096/25p, 4096/24p

Keystone correction (Max.)**Horizontal**

+/- 30 degrees

Vertical

+/- 30 degrees

INPUT OUTPUT (Computer/Video/Audio/Control)

INPUT A

RGB / Y PB PR input connector: Mini D-sub 15 pin (female)

Audio input connector: Stereo mini jack

INPUT B

DVI input connector: DVI-D 24-pin (single link), HDCP support

Audio input connector: Shared with INPUT A

INPUT C

HDMI input connector: HDMI 19-pin, HDCP support

Audio input connector: HDMI audio support

INPUT D

HDBaseT interface connector: RJ45, 4 play (Video, Audio, LAN, Control)

VIDEO IN

Video input connector: BNC

Audio input connector: Shared with input A

OUTPUT A

Monitor output for Input A Connector: Mini D-sub 15-pin (female)

Audio output connector: Stereo mini jack

OUTPUT B

Monitor output for Input B Connector: DVI-D 24-pin (single link), HDCP not supported

Audio output, Monitor out connector: Stereo mini jack

REMOTE

D-sub 9-pin (male) / RS232C

LAN

RJ45, 10BASE-T/100BASE-TX

IR (Control S)

Stereo mini jack, Plug in power DC5V

USB

TYPE-A (for F/W update) , TYPE-A (for Power supply)

Acoustic Noise *2

Acoustic Noise (Mode: Standard/Middle)

36 dB/34 dB

Operating temperature / Operating humidity

Operating temperature / Operating humidity

0°C to 45°C (32°F to 109°F) / 20% to 80% (no condensation)

Storage temperature / Storage humidity

Storage temperature / Storage humidity

-10°C to +60°C (14°F to +140°F) / 20% to 80% (no condensation)

Power requirements

Power requirements

AC 100 V to 240 V, 5.1 A to 2.2 A, 50 Hz/60 Hz

Power consumption

AC 100 V to 120 V

Mode: Standard: 397 W

AC 220 V to 240 V

Mode: Standard: 378 W

Power consumption (Standby Mode)

AC 100 V to 120 V

0.5W (when "Standby mode" is set to "Low")

AC 220 V to 240 V

0.5W (when "Standby mode" is set to "Low")

Power consumption (Networked Standby Mode)

AC 100 V to 120 V

9.8 W (LAN)

10.6 W (HDBaseT)

10.6 W (All Terminals and Networks Connected) (when "Standby Mode" is set to "Standard")

AC 220 V to 240 V

10.9 W (LAN)

11.6 W (HDBaseT)

11.6 W (All Terminals and Networks Connected) (when "Standby Mode" is set to "Standard")

Standby Mode / Networked Standby Mode Activated

Standby Mode / Networked Standby Mode Activated

Approx. 10 Minutes

Heat dissipation

AC 100 V to 120 V

1,355 BTU/h

AC 220 V to 240 V

1,290 BTU/h

Dimensions (W x H x D)

Dimensions (W x H x D) (without protrusions)

460 x 169 x 494 mm

18 1/8 x 6 3/4 x 19 1/2 inches

Mass

Mass

Approx. 13 kg (28 lb)

Optional accessories

Projection Lens

VPLL-3003 / 3007 / Z3009 / Z3010 / Z3024 / Z3032

Notes

***1**

With supplied standard lens

***2**

The figures are approximate. They vary depending on the environment or how the projector is used.

***3**

The value is in accordance with ISO 21118, and may differ depending on the actual unit. Brightness and contrast vary depending on use conditions and environments.

***4**

The value is light output measured at center area of screen in Standard mode, and average of all products shipped.

***5**

Estimated time until light output declines to 50% varies depending on environment.

***6**

Available for VESA Reduced Blanking signal.