

Display System

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3 LCD system

Display Device

Size of Effective Display Area

1" x 3 BrightEra LCD Panel, Aspect ratio: 16:10

Number of Pixels

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

Aspect Ratio

16:10

Resolution

WUXGA (1920 x 1200 pixels)

Projection Lens

Focus

Powered / Manual (Depend on lens)

Zoom - Powered / Manual

Powered / Manual (Depend on lens)

Zoom - Ratio

Depend on Lens

Throw Ratio

Depend on Lens

Lens Shift - Powered / Manual

Powered

Lens Shift - Range Vertical / Horizontal

Range Vertical: Depend on Lens

Range Horizontal: Depend on Lens

Light Source

Type

Laser diode

Filter Replacement Cycle (Max.)

Filter Replacement Cycle (Max.)

10,000 H

Screen Size

Screen Size

Depend on Lens

Light Output *1

Mode: Standard

12,000lm *2

Mode: Standard (Centre)

13,100 lm *3

Mode: Middle

10,000 lm

Colour Light Output *1

Mode: Standard

12,000 lm

Mode: Middle

10,000 lm

Contrast Ratio *1

Contrast Ratio (full white / full black)

Contrast Ratio (full white / full black) : ∞ : 1

Colour Space

Colour Space

sRGB 100% (Picture mode: sRGB)

Displayable Scanning Frequency

Horizontal

15 kHz to 92 kHz

Vertical

48 Hz to 92 Hz

Accepted Signal Resolution

Computer Signal Input

Maximum signal resolution: 1920 x 1200

Video Signal Input

480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i

The following items are available for digital signal only; 1080/60p, 1080/50p, 1080/24p, 1080/30p *4

Keystone Correction (Max.)

Horizontal

+/- 30 degrees

Vertical

+/- 30 degrees

INPUT OUTPUT (Computer/Video/Control)

INPUT A

RGB / Y PB PR input connector: 5 BNC (female)

INPUT B

RGB input connector: Mini D-sub 15-pin (female)

INPUT C

DVI input connector: DVI-D 24-pin (single link), HDCP support
HDCP: v1.4

INPUT D

HDMI input connector: HDMI 19-pin, HDCP support
HDCP: v1.4

INPUT E

HDBaseT interface connector: RJ45, 3 play

INPUT F

Optional adaptor slot for 3G-SDI Input Adaptor (BKM-PJ20)

INPUT G

HTML Viewer

OUTPUT 1

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

USB

Type-A x 1

INPUT OUTPUT (Others)**USB-1**

Type-A x 1

Control Signal Input/Output**REMOTE**

D-sub9pin male/RS232C

LAN

RJ45, 10BASE-T/100BASE-TX/1000BASE-T

Acoustic Noise *1**Light Output Mode: Standard**

42dB

Light Output Mode: Middle

39dB

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, 10.8 A to 4.4 A, 50 Hz / 60 Hz

Power Consumption (Maximum)

AC 100 V to 120 V

1076 W

AC 220 V to 240 V

1033 W

Power Consumption (Standby Mode)

AC 100 V to 120 V

0.50W (when "Standby mode" is set to "Low")

AC 220 V to 240 V

0.50W (when "Standby mode" is set to "Low")

Power Consumption (Networked Standby Mode)

AC 100 V to 120 V

21.6W (LAN)

26.5W (HDBT)

26.6W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")

AC 220 V to 240 V

21.3W (LAN)

26.5W (HDBT)

26.6W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")

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

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Approx. 544 x 205 x 564 mm

(21 13/32 x 8 1/16 x 22 7/32 inches)

Mass

Mass

Approx. 27 kg (58 lb)

Supplied Accessories**Remote Commander**

RM-PJ30

Projection Lens**Projection Lens**

VPLL-4008, Z4111, Z4015, Z4019, Z4025, Z4045

Optional Projection Lens**VPLL-4008**

Throw Ratio: 1:00:1

Lens Shift - Range Vertical: +/-32%

Lens Shift - Range Horizontal: +/-15%

VPLL-Z4111

Throw Ratio: 1:30:1 to 1:96:1

Lens Shift - Range Vertical: +/-99%

Lens Shift - Range Horizontal: +/-51%

VPLL-Z4015

Throw Ratio: 1:85:1 to 2:44:1

Lens Shift - Range Vertical: +/-98%

Lens Shift - Range Horizontal: +/-51%

VPLL-Z4019

Throw Ratio: 2:41:1 to 3:07:1

Lens Shift - Range Vertical: +/-107%

Lens Shift - Range Horizontal: +/-57%

VPLL-Z4025

Throw Ratio: 3:02:1 to 5:58:1

Lens Shift - Range Vertical: +/-107%

Lens Shift - Range Horizontal: +/-57%

VPLL-Z4045

Throw Ratio: 5.56:1 to 7.5:1

Lens Shift - Range Vertical: +/-107%

Lens Shift - Range Horizontal: +/-57%