

# Specifications

Expand all

Collapse all

## Display System

### Display System

3 LCD system

## Display device

### Size of effective display area

0.63" (16mm) x 3 BrightEra LCD Panel Aspect ratio 4:3

### Number of pixels

2,359,296 (1024x768 x 3) pixels

## Projection lens

### Focus

Manual

### Zoom Powered/Manual

Manual

### Zoom - Ratio

Approx. x 1.6

### Throw Ratio

1.40:1 to 2.27:1

## Light source

### Type

Ultra high pressure mercury lamp

### Wattage

225 W type

## Recommended lamp replacement time \*3

### Lamp mode: High

4000 H

### Lamp mode: Standard

6000 H

### Lamp mode: Low

10000 H

## Filter cleaning / replacement cycle (Max.)

### Filter cleaning / replacement cycle (Max.)

10,000H

## Screen size

### Screen size

30" to 300" (0.76 m to 7.62 m) (measured diagonally)

## Light output \*1

### Lamp mode: High

4200 lm

### Lamp mode: Standard

3000 lm

### Lamp mode: Low

2300 lm

## Color light output \*1

### Lamp mode: High

4200 lm

### Lamp mode: Standard

3000 lm

### Lamp mode: Low

2300 lm

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

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

20000:1

## **Speaker**

### **Speaker**

Speaker 16 W (monaural)

## **Displayable scanning frequency**

### **Horizontal**

15 kHz to 92 kHz

### **Vertical**

48 Hz to 92 Hz

## **Display resolution**

### **Computer signal input**

Maximum display resolution: 1600 x 1200 dots, fV:60Hz

### **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

## **Colour system**

### **Colour system**

NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60

## **Keystone Correction (Max) \*4**

### **Vertical**

+/-30 degrees

## OSD languages

### OSD languages

27-languages (English, French, German, Italian, Spanish, Portuguese, Japanese, Simplified Chinese, Traditional Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic, Turkish, Polish, Vietnamese, Farsi, Finnish, Indonesian, Hungary, Greek, Czech, Slovakia, Romania)

## INPUT OUTPUT (Computer/Video/Control)

### INPUT A

RGB / Y PB PR inputconnector: Mini D-sub 15 pin female  
Audio input connector: Stereo mini jack

### INPUT B

RGB input connector: Mini Dsub 15 pin female  
Audio input connector: Stereo mini jack

### INPUT C

HDMI input connector: HDMI 19-pin, HDCP support  
Audio input connector: HDMI audio support

### INPUT D

HDMI input connector: HDMI 19-pin, HDCP support  
Audio input connector: HDMI audio support

### S VIDEO IN

S Video input connector: Mini DIN 4-pin

### VIDEO IN

Video input connector: Phono jack

### OUTPUT

MONITOR output connector: Mini D-sub 15 pin female  
Audio output connector: Stereo mini jack

### REMOTE

D-sub 9-pin male/RS232C

### LAN

RJ-45, 10BASE-T/100BASE-TX

### USB

Type-A

### USB

Type-B

### MICROPHONE IN

Microphone jack: Mini Jack

## **Acoustic Noise \*5**

### **Lamp mode: Low**

29dB

## **Operating temperature / Operating humidity**

### **Operating temperature / Operating humidity**

0°C to 40°C (32°F to 104°F) /20-80% (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, 3.4 A to 1.5 A, 50 Hz / 60 Hz

## **Power consumption**

### **AC 100 V to 120 V**

Lamp mode: High 333 W

### **AC 220 V to 240 V**

Lamp mode: High 320 W

## **Power Consumption (Standby Mode)**

### **AC 100 V to 120 V**

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

### **AC 220 V to 240 V**

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

## **Power Consumption (Networked Standby Mode)**

**AC 100 V to 120 V**

5.5W (LAN)

6.0W (optional WLAN module)

6.2W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")

**AC 220 V to 240 V**

5.8W (LAN)

6.3W (optional WLAN module)

6.6W (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

**Wireless Network(s) On/Off Switch****Wireless Network(s) On/Off Switch**

1) Press the MENU button, then select [Connection/Power]

2) [WLAN Settings]

3) [WLAN Connection]

4) Select On or Off

**Heat dissipation****AC 100 V to 120 V**

1136 BTU/h

**AC 220 V to 240 V**

1092 BTU/h

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

Aprox. 365 x 96.2 x 252mm (14 3/8 x 3 25/32 x 9 29/32")

**Mass****Mass**

Approx. 4kg (8.8 lb)

## Supplied accessories

### Remote commander

RM-PJ8

## Wireless LAN Module

### Optional Lamp

LMP-E221

### Optional Accessories

IFU-WLM3

## Notes

#### \*1

The values are estimate

#### \*2

This value is average with lamp dimming.

#### \*3

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

#### \*4

The picture quality may deteriorate when the V Keystone function is used for it is an electrical correction.

#### \*5

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

### Environmental notice for customers in the USA

Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or see [www.sony.com/mercury](http://www.sony.com/mercury) for additional information.