

LCD Rear Projection Displays KL-W9000 / KL-W7000

Unique presentation technologies create an endless variety of application possibilities.

Multiscan® KL Series

- KL-W9000: 50" (49.1" viewable image size)
- KL-W7000: 37" (36.3" viewable image size)
- 16:9 wide-aspect-ratio screen provides up to 30% more horizontal work space
- Digital Multi-Image Driver (DMID) technology is compatible with NTSC and RGB (up to wide XGA) signals
- All-in-one optical unit requires no calibration or special set up
- Perfectly flat screen allows a full 150° of horizontal viewing
- Compact and light-weight design is ideal for installation and transportable applications



KL-W7000



KL-W9000

Specifications

Screen Size

KL-W9000: 50" display (diagonal)
KL-W7000: 37" display (diagonal)

Viewable Image Size (for RGB)

KL-W9000: 49.1"(diagonal)
KL-W7000: 36.3" (diagonal)

Aspect Ratio

16:9 or 4:3 (manually switchable)

Projection System

3 LCD panels, 1 lens projection system

LCD

Three 1.35" Poly-Si TFT LCD panels
Approx. 1.54 million pixels (512,880 x 3 panels)

Native Resolution

450 TV lines (video)
1068 x 480 (RGB)

Maximum Resolution

1376 x 768

Projector Lens

Large diameter hybrid lens F2.4

Lamp

100W High Intensity Discharge (UHP)

Luminance (Peak)

KL-W9000: 250 nits (cd/m²)
KL-W7000: 330 nits (cd/m²)

Color Reproduction

16.7 million

Color System

NTSC

Horizontal Scan Range

15.75, 31.5-50 kHz

Vertical Scan Range

50-85 Hz

Speaker Performance

Left/Right: 5 watts x 2
Woofer: 20 watts

Signal Input/Outputs

Video 1, 2, and 3 In

S Video (Video 1, 3 In only) (4-pin mini-DIN)

Y: 1 Vp-p, 75 ohms unbalanced, sync negative

C: 0.286 Vp-p burst signal, 75 ohms

Video (phono jacks)

1 Vp-p, 75 ohms unbalanced, sync negative

Audio (phono jacks)

2 channels, 500 mVrms

Impedance: more than 47 kohms

Video Out

S Video (4-pin mini-DIN)

Y: 1 Vp-p, 75 ohms, unbalanced, sync negative

C: 0.286 Vp-p burst signal, 75 ohms

Video (phono jack)

1 Vp-p, 75 ohms unbalanced, sync negative

Audio (phono jacks)

2 channels, 500 mVrms

Impedance: less than 5 kohms

RGB 1, 2 In

Video (D-sub 15-pin, female)

R,G,B: 0.7 Vp-p, positive, 75 ohms terminated

Sync on Green: 0.286 Vp-p

Signal Input/Outputs (continued)

SYNC/HD:

Composite sync: TTL, high impedance
sync positive/negative

Horizontal sync: TTL, high impedance,
sync positive/negative

VD: Vertical sync: TTL, high impedance,
sync positive/negative

Audio (RGB 1 In) (phono jacks)

2 channels, 500 mVrms

Impedance: more than 47 kohms

Audio (RGB 2 In) (stereo minijack)

500 mVrms

Impedance: more than 47 kohms

Digital Image Controls

Audio (treble, bass, balance, effect)

Auto shut off

Brightness

Color

Color temperature

Contrast

Dot phase

H-White

H / V size and centering

Hue

Language

NR (Noise Reduction)

Sharpness

Power Requirements

100-120V AC; 50/60 Hz

Power Management

Operation: 190 watts (maximum)

Standby: 2 watts

Dimensions (WxHxD)

KL-W7000: 36 1/4" x 32 1/2" x 15 3/8"

KL-W9000: 48 3/8" x 41 5/8" x 22 1/4"

Weight

KL-W7000: 68 lbs., 2 oz.

KL-W9000: 106 lbs., 8 oz.

Operating Temperature

5°F - 95°F

Regulation Compliance

Safety: UL 1950, CSA C22.2 No. 950

Emission/EMI: FCC Class B

IC Class B

Plug & Play: DDC-1, DDC-2B

Supplied Accessories

AA (R6) batteries (2)

AC power cord (1)

Brackets and screws (2)

Buckle (1)

HD15-HD15 (male, without the No. 9 pin)

adapter (1)

Hexagon head wrench (1)

Macintosh® adapter (1)

Remote control RM-Y980 (1)

RGB signal cable (D-sub 15-pin to D-sub 15pin) (1)

Windows® 95 monitor information disk (1)

Optional Accessories

XL-100U Replacement lamp unit

Limited Warranty

One year parts and labor

(90 days for lamp)

LCD Rear Projection Display KL-W9000 / KL-W7000

The Multiscan W9000 and Multiscan W7000 displays turn virtually any indoor environment into a presentation theater. Their compact, self-contained design gives you a brilliant, wide-aspect-ratio screen (16:9), stereo speakers and a subwoofer whenever you need them. At just 106 lbs. and 22" deep (KL-W9000) or 68 lbs. and 15" deep (KL-W7000), both displays are easy to transport and set up. Plug and Present™ technology eliminates the need for any calibration, simplifying system setup and installation.

The Multiscan KL series is compatible with a variety of input signals commonly found in corporate environments (NTSC, PC, Mac®). Digital Multi-Image Driver (DMID) technology displays up to wide XGA (1376 x 768) resolutions. An improved, longer-lasting light engine (6000 hours average life)* contributes to its low cost of ownership.

* Light engine life may vary based on usage



KL-W9000/KL-W7000
Front Inputs/Controls



KL-W9000/KL-W7000
Rear Inputs

SONY

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Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This display is not manufactured to any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware option except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of non-Sony products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance.

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