EK-303U / EK-301W
"Meeting Room" Series Projector

Excellent choice for Classrooms and Conference Rooms!

Key Features:
- **EK-303U**: 4,500 ANSI lumens bright with 80% uniformity and a 8,000:1 contrast ratio.
- **EK-303U**: Native WUXGA resolution. Compatible with inputs up-to UXGA and WUXGA.
- **EK-301W**: 5100 ANSI lumens bright with 80% uniformity and a 8,000:1 contrast ratio.
- **EK-301W**: Native WXGA resolution. Compatible with inputs up-to UXGA and WUXGA.
- Supports analog and digital video input in all color standards up-to 1080p.
- Convenient mid-range (1.6:1) manual zoom and focus lens.
- HDMI with MHL (Mobile High-Definition Link) displays HD Video from Smartphones & Tablets.
- Horiz, Vert. & Corner Keystone Correction.
- Accepts composite, component, and S-Video in all major standards.
- Displays both 4:3 and 16:9 aspect ratios. Supports most HDTV resolutions.
- Built-in 10 Watt sound system. Closed Caption decoding (NTSC).
- Side-accessed air filter & top accessed lamp for ease of maintenance.
- **EK-301W**: Pin Cushion / Barrel image correction.
- 3 year projector warranty.

EIKI®
Projectors... and more!
EK-303U / EK-301W Specifications:

Brightness
EK-303U: 4,500 ANSI Lumens
EK-301W: 5,100 ANSI Lumens

Illumination Uniformity 80%

Resolution and Aspect Ratio
EK-303U: WUXGA (1920x1200), 16:10
EK-301W: WXGA (1280x800), 16:10

Color Reproduction
EK-303U: 10-bit (16.7 million colors)

Projection Lamp: 280 Watts UHP

Estimated Lamp Life: Normal / Eco 3,000 / 4,000 hours

Total Pixels
EK-303U: 6,912,000 (1920x1200) x 3
EK-301W: 3,072,000 (1280x800) x 3

Imaging System
EK-303U: 0.64 in (16 mm) inorganic LCD Panels x 3
EK-301W: 0.59 in (15 mm) inorganic LCD Panels x 3

Scanning Frequency
Auto: H Sync. 15 ~ 100 kHz, V Sync. 48 ~ 85 Hz

Pixel Clock up-to 150 MHz

Lens 0.64 in (16 mm) inorganic LCD Panels x 3

Lens Specs f: 1.65 ~ 2.65; FL: 0.716 ~ 1.156 in (18.2 ~ 29.38 mm)

Lens Ratios

EK-303U: Zoom Max Min: 1.6:1

EK-301W: Zoom Max Min: 1.6:1

Image Diagonal 40 ~ 300 in (101.6 ~ 762 cm)

Image Width 2.6 ~ 20 ft (0.79 ~ 6.1 m)

Throw Distance 2.9 ~ 35.5 ft (0.88 ~ 10.83 m)

Projector Elevation Adjustment (legs) up to 10°

Maximum Pitch Up to 30° Up/Down

Vert/Horiz. Keystone Correction Digital: V +/- 30° (Auto); H: +/- 15° (Auto), Corner Keystone

Lens Shift (Vertical 45% (Manual) Horiz.: 10% (Manual)

Image Orientation Normal, Reversed, Inverted

Remote Control Wireless x 1
RS-232 Control Dsub9 x 1
LAN Port RJ45 x 1

Computer Input in Pixels up to 1600 x 1200 (4:3), 1920 x 1200 (16:10)

Analog 4x3 Inputs UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC
Analog Wide Inputs WUXGA, WXGA, WXGA+

Digital 4x3 Inputs UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC

Digital Wide Inputs WUXGA, WXGA, WXGA+

Digital Video Formats NTSC / PAL / SECAM

Video Input Analog 480p, 575p, 1080p

Video Input Digital 480p, 575p, 720p

Image Signal Resizing Smart Scaling Technology

Image Signal Inputs
Computer 1 (Component / S-Video) Dsub15 x 1
Computer 2 (switchable Memory Viewer) Dsub15 x 1
Digital Video (w/ HDCP & MHL) HDMI x 2
USB Type A - Memory Viewer USB Type A x 1
USB Type B - USB Display / Firmware USB Type B x 1

Composite Video RCA x 1

Audio Signal Inputs
Computer Audio MiniStereo x 1
Video Audio RCA x 2 (L/R)

Audio Output Variable, Stereo: MiniStereo x 1

Amplifier Mono: 10 Watt

Speaker 1.4 in (3.7 cm) x 1 (Mono)

Fan Noise (Eco / Normal) 35.5 dB / 40.0 dB

Cabinet Size (HxWxD) - excluding legs 5.0 x 12.5 x 15.5 in (12.7 x 31.7 x 39.4 cm)

Weight 9.9 lb (4.5 kg)

Packaged Cabinet Size (HxWxD) 8.4 x 16.7 x 18.8 in (21.4 x 42.4 x 47.9 cm)

Packaged Weight 13.2 lb (6 kg)

Operating Temperature 41 ~ 95°F (5 ~ 35°C)

Electrical Safety Compliance IEC / UL / cUL

Electromagnetic Compatibility FCC Class B, CE Mark

Power Requirements 100 ~ 240V AC, 50/60 Hz

Power Consumption 0.5 W in Eco Standby mode, up to 345W

Heat up to 1,177 BTU/hr

Security Features Kensington® Security Slot ULP

User Maintenance Clean Filter, Replace Lamp

Limited Warranty: to the original end-use customer only

Projector 3 years / 6000 hours (which ever occurs first)

Lamp 1 year ownership / 500 hours use (which ever occurs first)

HDMI with MHL (Mobile High-Definition Link) displays HD Video from Smartphones & Tablets.

Side-accessed air filter & top accessed lamp for ease of maintenance.

Creston RoomView™ & AMX Device Discovery Technology.

EK-303U • WUXGA • 3LCD projector
EK-301W • WXGA • 3LCD projector

INCLUDED ACCESSORIES:
Quick Start Guide, 6.0 ft (1.8 m) Detachable Power Cord, Remote Control (with 2 AAA Batteries).

EK-303U only: 5.0 ft. (1.5 m) HDMI Cable.

EK-301W only: VGA Computer Input Cable (Dsub15 to Dsub15).

OPTIONAL ACCESSORIES:
Replacement Lamp, Component Video Cable (3RCA to Dsub15), S-Video Cable (S-Video to Dsub15), Ceiling Mount, Ceiling Post and Plate.

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Includes a full complement of connections, including network control.