EK-103X
"Entry" Series Projector

Key Features:

▼ 3,300 ANSI lumens bright with 80% uniformity and a 1200:1 contrast ratio.
▼ Native XGA resolution. Compatible with inputs up-to UXGA and WUXGA.
▼ Supports analog and digital video input in all color standards up-to 1080p.
▼ HDMI Digital connectivity with HDCP compliance.
▼ Convenient mid-range (1.2:1) manual zoom and focus lens.
▼ Fixed image offset. Automatic vertical digital 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.
▼ Closed Caption decoding (NTSC).
▼ Wired network control. Digital zoom: 1/4 ~ x16.
▼ Side-accessed air filter & top accessed lamp for ease of maintenance.
▼ Color board modes. Custom warm-up screen.
▼ Auto input selection. Built-in Test Patterns.
▼ 3 year projector warranty.
EK-103X Specifications:

- **Brightness**: 3,300 ANSI Lumens
- **Contrast Ratio**: 1,200:1
- **Illumination Uniformity**: 80%
- **Resolution and Aspect Ratio**: XGA (1024x768), 4:3
- **Color Reproduction**: 24-bit (16.7 million colors)
- **Projection Lamp**: 218 Watts UHP
- **Estimated Lamp Life**: Normal / Eco 4,000 / 10,000 hours
- **Total Pixels**: 2,359,296 (1024x768) x 3
- **Imaging System**: 0.63 in (16 mm) inorganic LCD Panels x 3
- **Scanning Frequency**: Auto: H Sync. 15 – 100 kHz, V Sync. 48 – 85 Hz
- **Pixel Clock**: up-to 160 MHz
- **Lens**: Attached - Manual Zoom and Focus
- **Lens Specs**: f : 1.6 – 1.76; FL: 0.754 – 0.906 in (19.1 – 23.0 mm)
- **Lens Ratios**: Zoom Max:Min: 1.2:1; Throw:Width 1.48 – 1.78:1
- **Image Diagonal**: 30 – 300 in (76.2 – 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)
- **Image Orientation**: Normal, Reversed, Inverted
- **Anti Keystone**: Fixed Image Offset, Ratio (Top/Bottom) 6:1
- **Vertical Keystone Correction**: Digital: up-to 30° Up or Down
- **Local Control / Power Management**: Full Function / Auto Shutdown
- **Remote Control**: Wireless x 1
- **RS-232 Control**: Sub9 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, WSXGA+, WXGA+, WXGA
- **Digital Wide Inputs**: WUXGA, WSXGA+, WXGA+, WXGA
- **Digital 4x3 Inputs**: UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC
- **Digital Video (w/ HDCP)**: HDMI x 1
- **Composite Video**: RCA x 1
- **Outputs**: D sub15 x 1
- **Computer Monitor (Computer 2)**: D sub15 x 1
- **Video Input Analog**: 480i/p, 575i/p
- **Video Input Digital**: 480p, 575p, 720p, 1080i/p
- **Video Formats**: NTSC / PAL / SECAM
- **Fan Noise (Eco / Normal)**: 34.9 dB / 38.9 dB
- **Cabinet Size (HxWxD) – excluding legs**: 3.43 x 13.39 x 9.53 in (8.7 x 34.0 x 24.2 cm)
- **Weight**: 7.0 lb (3.2 kg)
- **Package Size (HxWxD)**: 7.2 x 17.0 x 14.2 in (18.2 x 43.1 x 36.0 cm)
- **Package Weight**: 9.9 lb (4.5 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
- **Heat**: up-to 921 BTU/hr
- **Power Consumption**: 0.5 W in Eco Standby mode, up-to 270W
- **Power Requirements**: to the original end-use customer only
- **User Maintenance**: Clean Filter, Replace Lamp
- **Limited Warranty**: 3 years / 6000 hours (which ever occurs first)
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- **Power Consumption**: 0.5 W in Eco Standby mode, up-to 270W
- **Power Requirements**: 100 – 240V AC, 50/60 Hz
- **Remote Control**: Laser Pointer, Infrared
- **User Maintenance**: Clean Filter, Replace Lamp
- **Limited Warranty**: 3 years / 6000 hours (which ever occurs first)
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**HDMI Digital connectivity with HDCP compliance.**

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

**Fixed image offset. Automatic vertical digital keystone correction.**

**Lamp**

- 1 year ownership / 500 hours use (which ever occurs first)
- 3 year ownership / 6000 hours (which ever occurs first)

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