# ED-A111



## ULTRA SHORT THROW LCD PROJECTOR

**Featuring unique Hitachi optical technology, the ED-A111 has an ultra short throw capability delivering a 60" projection screen at only 42cm*.**

Reduced throw distance and high angle projection capability means the projector can be placed in close proximity to the screen, bringing shadow-free images and greater flexibility for the user. Drawing on Hitachi's well known reputation for advanced picture quality, usability, cost-effectiveness and security, this projector will transform the way teachers communicate to students.

- World's first high performance free shaped lens, uniquely developed by Hitachi
- Ultra Short Throw – 42cm for 60"
- Brightness: Normal Mode – 1500 Lumens
  Bright Mode  – 2000 Lumens
- Perfect Fit – Adjust each corner of the image one by one to correct distortion without the typical side effects of digital correction

- Full Connectivity – RGB 2 in/1 out, 3 x Audio in, 1 x Audio out
- Reliability - New hybrid filter makes this model virtually maintenance free
- Easy Maintenance – A conveniently located lamp door on top of the projector for easy access whenever servicing is required
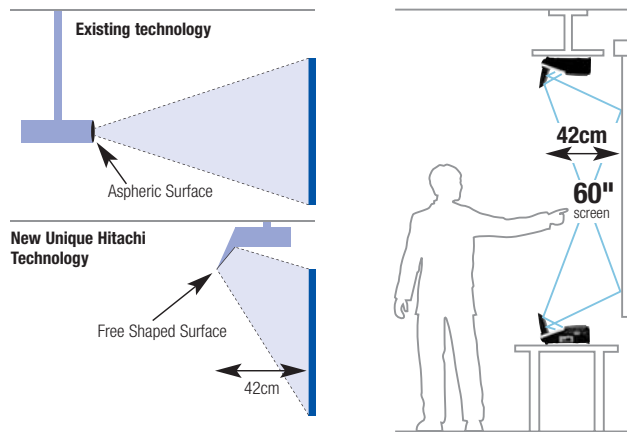- Enhanced Security – Security bar, PIN-Lock, MyScreen PIN-Lock, Keypad lock

3LCD

*9.6cm from the front of the projector to the screen
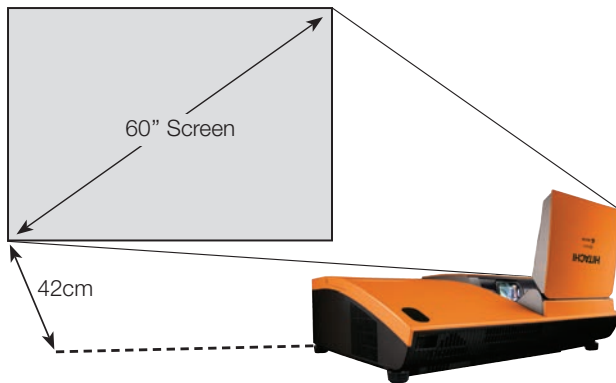
**HITACHI**
**Inspire the Next**

# ED-A111

• **Hitachi Technology** – The ED-A111 uses the world's first high performance, free shaped lens uniquely developed by Hitachi. The projector produces a 60" image at only 42cm* from the mirror to the screen.



**Existing technology**

Aspheric Surface

**New Unique Hitachi Technology**

Free Shaped Surface

42cm

42cm

60"
screen

• **Ultra Short Throw** – Using Hitachi's new unique high performance lens. We are able to dramatically reduce the throw distance, combined with the introduction of a high angle projection capability, the quiet ED-A111 projector can be sited only 42cm away for a 60" screen.

**Benefits include:**
• Optimises available space
• Flexible for both small or large environments
• More room for presenter and audience
• Shadow free presentations
• No direct glare from the projector light



60" Screen

42cm

• **Versatile Performance** – With compact size and ability to project a 60" image from just 42cm (measured from mirror to screen), Hitachi's ED-A111 projector is perfect in a variety of venues, especially where space is at a premium.

• **Security** – Excellent multi-level security protection reduces the risk of theft, including PIN-Locks, security bar, security labels, Kensington lock and a distinctive orange-for-education panel.

• **Picture Quality** – Hitachi's unique high performance lens technology creates the highest possible picture quality. The vivid 3LCD 8 bit colour offers 16.7m colours with XGA resolution bringing you clear, and sharp images.

• **Connectivity** – Wide-ranging connectivity features include dual RGB inputs and one RGB output, three audio inputs and one output.



• **Reliability and Reduced Maintenance Cycles** – A newly fitted hybrid filter reduces maintenance cycles, costs and electronic waste. On the occasions when maintenance is required, conveniently placed parts throughout the projector ensure no time is wasted. The lamp door is located on top of the projector and, when combined with the sliding filter door, ensures quick and easy access for maintenance and replacements.

• **Design** – The ED-A111 has been refined using stylish contours to create a modern, compact design. Its aesthetic qualities complement any environment.



## Technical Specifications

### OPTICAL

| | |
|---|---|
| Resolution | XGA |
| Number of colours | 8 bit/colour, 16.7 M colours |
| Brightness | Normal Mode - 1500 ANSI Lumens, Bright Mode - 2000 ANSI Lumens |
| Contrast Ratio | 500:1 |
| Lens | Mirror type by electric. Mirror opens when the lamp is turned on and closed when the lamp is off. No optical zoom. Power focus. Digital zoom |
| Lamp | 220W |
| Lamp Life | 3000 hours (Normal)/4000 hours (Eco) |
| Diagonal Display Size | 48~200" (Recommended screen size 60~100") |

### COMPATIBILITY

| | |
|---|---|
| Computer Compatibility | IBM Compatible VGA, SVGA, XGA, SXGA, UXGA, MAC 16" |
| Video Compatibility | NTSC/PAL/SECAM/PAL-M,N/NTSC4.43 |
| | SDTV: 525i(480i), 525p(480p), 625i(576i) |
| | HDTV: 750p(720p@60Hz), 1125i(1080i@50/60Hz) |

### FEATURES

| | |
|---|---|
| Plug & Play | DDC2B |
| Speakers: | 6W x 1 |
| OSD Languages | MENU: 25 Languages |
| Basic functions | Freeze, Magnifying, Blank, Auto adjustment, Search, Page UP & DOWN (for USB mouse function) |
| Picture adjustments | Equalizing Gamma Correction, 2-3 pull down, Progressive Scan, Noise Reduction |
| Digital Keystone | Manual Vertical keystone ±5 degrees (@ XGA 60HZ), Perfect Fit |
| Advanced Features | MyScreen, My Memory, My Button, Blackboard/Whiteboard Mode, Daytime Mode, Input source naming (English), Resolution setting |
| Outward | Easy Lamp replace from top, Back side filter |
| Power on & off | Quick on, direct on, direct off |
| Security Systems | PIN-Lock, MyScreen PIN-Lock, Keypad lock, Kensington slot, Security bar, Focus Lock |
| Other | Template, Saving Mode, Audio Pass Through, My Text |

### CONNECTORS

| | |
|---|---|
| Computer Input | 2 x 15-pin Mini D-sub |
| Monitor Out Port | 1 x 15-pin Mini D-sub |
| Video Input Port | 1 x RCA Jack |
| | 1 x S-Video Jack |
| | 3 x RCA Jack (for component) |
| Audio Input Port | 2 x Stereo Mini Jack |
| | 1 x RCA (L/R) Pair (Selectable on OSD) |
| Audio Output Port | 1 x Stereo Mini Jack |
| Control Port | 1 x 9-pin D-sub for RS232 control |

### POWER

| | |
|---|---|
| Power Supply | 100-120V/220-240V, auto switching |
| Power Consumption | 340W (normal mode)/<5W (saving mode) |

### PHYSICAL

| | |
|---|---|
| Dimensions (W x H x D) | 397 x 131 x 356mms (when mirror is closed) |
| Weight | 5.8Kg |
| Noise Level | 33dB (Normal Mode)/28dB (Whisper Mode) |
| Air Filter | Hybrid |

### CERTIFICATION

UL 60950/C-UL, FCC Part 15 Class B CE, AS/NZS CISPR22 Class B

### MISCELLANEOUS

Lamp indicator light, Power light, Ceiling mount image, Rear projection Image

### ACCESSORIES SUPPLIED

Remote control with batteries, Power cord, User manual, Computer cable, Softcase (optional), Security label, Cable cover, Stand (optional)

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