Ultra short throw LCD projector with a suite of advanced features.

Maxell’s MC-AX3506 ultra short throw LCD projector is ideally suited for producing large images in limited spaces. It provides vibrant image quality with cost-effective operation. A suite of advanced features normally found only on higher end models includes 2 HDMI ports, High Dynamic Contrast Range (HDCR), and Maxell’s original technology Accentualizer that allows the projected image to appear more real by enhancing sharpness, gloss and shade. Along with its light weight and compact design, the MC-AX3506 offers Maxell’s most appreciated installation feature, “Perfect Fit 2”, allowing time saving and ease of installation. As with all Maxell projectors, you can expect vibrant image quality, cost-efficient operation, and long-lasting reliability. Plus, Maxell’s Intelligent Eco and Saver Modes with ImageCare combines optimal picture performance with energy savings for a lower total cost of ownership. For added peace of mind, Maxell’s MC-AX3506 is also backed by a generous 3-year warranty and our world-class service and support programs.
**STANDARD FEATURES**

**HDCR (High Dynamic Contrast Range)**
When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and image quality is improved.

**Accentualizer**
Maxell original technology makes pictures look more real by enhancing sharpness, gloss and shade to make pictures as clear as pictures on a flat-panel device. You can also adjust the effects by three levels according to your surroundings so that the colors of projected images are the actual colors of the objects they represent.

**Input Source Naming**
Users can name input sources in simple language instead of factory default names.

**Microphone Input**
A microphone can be used via the jack located on the input panel. Allows for more dynamic presentations even in standby mode.

**Network Control, Maintenance and Security**
Embedded networking gives you the ability to manage and control multiple projectors over your LAN. Features include scheduling of events, centralized reporting, image transfer and e-mail alerts for reactive and routine maintenance.

**PC-Less Presentation**
By using a USB memory stick or other storage device, you can use the projector without a computer. Menus are easy to see with a thumbnail display. Additionally, there is also a slideshow and video function.

**PIN Lock / MyScreen / MyText**
PIN lock protection can limit projector users. MyScreen PIN lock keeps captured images on the startup screen. Users can set any name/logo to MyScreen, clearly identifying ownership. MyText provides the ability to write text on the startup screen such as model name, serial number or location.

**PJMessenger**
PJMessenger function allows you to send and display text messages and audio alerts on your networked projectors. It is an easy and efficient way to send announcements out to multiple units.

**Present Content via LAN**
Maxell’s suite of networking software allows you to easily send content directly from your PC to the projector via your LAN connection.

**Template Function**
Line templates in the projector menu can help when writing content on a whiteboard. There are four types of line templates to choose from.

**Wireless Presentation Compatible**
Connect the projector to a computer or your network using the optional USB wireless adapter (part number USBWL5G). The adapter supports IEEE802.11n.

**UNIQUE FEATURES**

**Cloning Function**
Copy setting data from one projector to others of the same model via USB memory. Cloning not only saves almost all PJ settings such as gamma and keystone via USB memory, it saves countless hours in setup and installation.

**ImageCare Technology**
ImageCare is a lamp power control function that combines optimal picture performance with maximum energy savings by decreasing energy usage, improving contrast ratio and lengthening lamp life. The result is a lower total cost of ownership and increased maintenance cost.

**Intelligent Eco and Saver Modes**
Automatically changes the brightness of the lamp according to the brightness level of the screen. Also, automatically changes the brightness of the lamp if there is no change in the screen image. Using ImageCare technology, these features give optimal picture performance with maximum energy savings.

**Perfect Fit 2**
Enables the user to adjust individual corners and sides independent of one another. Perfect Fit 2 provides vertical and horizontal digital correction of either barrel or pin cushion distortions. This feature helps correct geometric and complicated distortions. Perfect Fit 2 allows the projected image to fit correctly to the screen quickly and easily.

**Projector Quick Connection App For Mobile Devices**
Our iOS and Android applications offer projector control and also provides the capability to display photos, document files and web site contents. Available for iPad®, iPhone® and Android devices. Works over your LAN via your RJ-45 port or via an optional USBWL5G wireless adapter.

**Tabletop Presentation**
Make any tabletop a projection screen using the optional tabletop stand. Ideal for a small group environment or in a room with limited space.

* Actual lamp life will vary by individual lamp based on environmental conditions, selected operating mode, user settings and usage. Hours of average lamp life specified are not guaranteed and do not constitute part of the product or lamp warranty. Lamp brightness decreases over time.
Enhance the experience with Maxell’s MC-AX3506.

The MC-AX3506 ultra short throw LCD projector from Maxell is specifically designed to enhance the visual experience — from the audience to presenters. Vivid colors. Bold graphics. Crisp text. The MC-AX3506 does it all in environments of all sizes. With 3,800 ANSI lumens of brightness and XGA 1024 x 768 resolution, the MC-AX3506 provides the perfect compatible solution. It also features a high contrast ratio, long lamp life, cloning function enabling you to copy settings data from one projector to others of the same model, and is wireless presentation ready. Plus, embedded networking gives you the ability to manage and control multiple projectors over your LAN (scheduling of events, centralized reporting, image transfer, and email alerts). Best of all, the high performance MC-AX3506 is exceptionally reliable and offers a very low cost of ownership.
**MC-AX3506 LCD Projector**

### Accessories

**Supplied Accessories**
- Remote control, power cord, computer cable, 2 AA batteries, cable cover, adapter cover, application CD, user’s manual

**Optional Accessories**
- HASWM05M wall mount, wall plates, wall adapter, USBWLSG USB wireless adapter, TT-03 tabletop stand

### Replacement Parts

- **Lamp**: DT01411M with filter
- **Remote Control**: HL03033
- **Filter**: UX37191

### Specifications

#### Display

- **Projection Technology**: 3LCD, 3 chip technology
- **Resolution**: XGA 1024 x 768
- **White Light Output**: 3,800 ANSI lumens
- **Color Light Output**: 3,800 ANSI lumens
- **Colors**: 16.7 million colors
- **Aspect Ratio**: Native 4:3 / 16:9 and 16:10 compatible
- **Contrast Ratio**: 10,000 : 1 (using active IRIS)
- **Throw Ratio**: 0.2 : 1 from edge of projector to screen
  - 0.3 : 1 from mirror cover to screen
- **Focus Distance**: 15" - 26" from mirror cover to screen
- **Display Size**: 60" - 100"

#### Lens & Operation

- **Lens**: f = 4.21 mm
- **Lamp Wattage**: 250W
- **Expected Lamp Life***: Approximately 4,000 hours (standard mode)
  - 6,000 hours (Eco mode)
- **Expected Filter Life**: Approximately 4,000 hours
- **Speaker Output**: 16W x 1
- **Keystone**: H and V: +/- 5º

#### Compatibility

- **Computer**: VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/UXGA
  (compressed), MAC 16"
- **H-Sync**: 15 kHz - 106 kHz
- **V-Sync**: 50 Hz - 120 Hz
- **Composite Video**: NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
- **Component Video**: 480i, 480p, 576i, 720p, 1080i, 1080p
- **HDMI**: 480i, 480p, 576i, 720p, 1080i, 1080p
  - computer signal TMDS clock 27 MHz - 150 MHz

#### Connectors

- **Digital Input**: HDMI x 2 (HDCP compliant)
- **Computer Input 1**: 15-pin mini D-sub x 1
- **Computer Input 2**: 15-pin mini D-sub x 1
- **Computer Monitor Output**: 15-pin mini D-sub x 1 (shared with computer in 2)
- **Video Input**: S-Video
  - Composite Video
  - Component Video
  - Audio Input
  - Audio Output
- **Network LAN Wired**: RJ-45 port (10base-T / 100 base-TX)
- **Network LAN Wireless**: USB-A, IEEE802.11 b/g/n - optional wireless adapter required
- **USB**: Type A x 2 (PC-less presentation, wireless adapter)
  - Type B x 1 (USB display or mouse control)
- **Control Terminals**: 9-pin D-sub x 1 (RS-232 control)

#### Ratings & Warranty

- **Power Supply**: AC90-132V / AC198-264V, 50/60Hz
- **Power Consumption**: 360W
- **Operating Temperature**: 32ºF - 104ºF (0ºC - 40ºC)
- **Dimensions (W x D x H)**: 14.8" x 14.2" x 5.4" (excluding protruding parts)
- **Weight**: Approximately 9.4 lbs
- **Approvals**: UL 60950-1 / cUL, FCC part 15 subpart B Class B
- **Warranty**: 3-year limited parts and labor
  - Extended Service Contract available (additional cost)

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**Projection Throw Chart (In inches)**

<table>
<thead>
<tr>
<th>Screen Size 4:3</th>
<th>Throw Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diagonal</td>
<td>Distance from edge of projector to screen</td>
</tr>
<tr>
<td>60</td>
<td>4.1</td>
</tr>
<tr>
<td>70</td>
<td>6.7</td>
</tr>
<tr>
<td>80</td>
<td>9.3</td>
</tr>
<tr>
<td>90</td>
<td>11.9</td>
</tr>
<tr>
<td>100</td>
<td>14.5</td>
</tr>
</tbody>
</table>

* Actual lamp life will vary by individual lamp based on environmental conditions, selected operating mode, user settings and usage. Hours of average lamp life specified are not guaranteed and do not constitute part of the product or lamp warranty. Lamp brightness decreases over time.

** Actual filter life will vary by individual filter based on environmental conditions, selected operating mode, user settings and usage. Hours of average filter life specified are not guaranteed and do not constitute part of the product warranty.

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