

# LampFree™ Projectors

SLIM SERIES



SIGNATURE SERIES



PRO SERIES



SHORT THROW SERIES



## Triple Free

- **LampFree**  
20,000 hour life/Low TCO
- **Stress Free**  
No lamp replacement or downtime
- **Mercury Free**  
ECO Friendly

# LOW COST OF OWNERSHIP

Lamp replacement is the largest single cost of many projectors, with replacement mercury lamps and filters costing up to four times the original purchase price, over the life of the projector.

Casio eliminates lamp and filter replacements with a hybrid light source and a 20,000 hour anticipated life.

By combining lasers and LEDs, Casio has created a unique, high-brightness, mercury-free hybrid light source.

In an industry where most projection lamps come with only a 90-day warranty, we back our unique design with three to five years or 6,000-10,000 hours on our light source (depending on the model) and three years on the projector.

## HIGHLY RELIABLE

A major benefit of our hybrid light source is reduced downtime. You no longer need worry about periodic lamp failures taking your projector out of service. Since the Casio light source lasts up to 10x longer\* than a mercury lamp, this can be a significant savings.

Mercury lamps fade with use as well, losing about half their brightness after 50% of their rated life. With our hybrid light source you can expect bright, clear images hour after hour and year after year.

## LOW CARBON FOOTPRINT

The Casio hybrid light source is mercury-free, eliminating concerns with proper disposal of used lamps and mercury pollution.

Signature projectors use less AC power: about 30% less than comparable projectors with mercury lamps. Eco Mode (on every Casio projector) can save as much as 50%, and we link it to an ambient light sensor, producing great images by automatically adjusting the projector brightness to the brightness of the room.

Casio's standby mode can provide even bigger savings. A common mistake in schools and conference centers is to leave projectors on after the presentation is over. All Casio projectors will automatically go to standby mode, shutting down the light source to use less than one watt per hour.

\* Based on comparison to prior Casio product with mercury lamp.



By combining a laser, a fluorescent element and LED's Casio has created an original mercury-free hybrid light source capable of generating high brightness.



- Red is emitted by a high-lumen red LED.
- Blue is from a blue laser.
- Green is achieved by converting blue laser light using a phosphor element.



- Red is emitted by a high-lumen red LED.
- Blue is from a high-lumen blue LED.
- Green is achieved by converting blue laser light using a phosphor element.

## INSTALLATION FLEXIBILITY

Have a unique application that requires something other than flat mounting? Casio LampFree Projectors can add the extra impact you need, especially in digital signage and museum applications. Unlike lamp-based projectors, Casio Slim and Signature Series can be rotated 90° on their sides for portrait images.

Signature Series projectors can be tilted 90° in any direction as well, including directly down from the ceiling to the floor.

## CONTINUOUS OPERATION

Cool-running Signature and Slim Line projectors have the ability to run all day, every day in extended-use applications including digital signage, museum displays and other challenging environments. Run them worry-free up to 23 hours each day, knowing you will not shorten their expected life or damage their bright, high-impact images.

## AN EXCEPTIONAL WARRANTY

Casio LampFree Projectors are reliable and built to last, with an estimated operating life of up to 20,000 hours. All Casio Projectors are backed by an industry leading 3 year parts and labor warranty with up to 6000 hours on the light source. And select models are covered for 5 years or 10,000 hours on the light source.

### SLIM

- 3 years or 6,000 hours on the light source / 3 years all other components

### SIGNATURE AND SHORT THROW

- 2500 lumen models: 3 years or 6,000 hours on the light source / 3 years all other components
- 2500 lumen, educational use: 5 years or 10,000 hours on the light source / 3 years on all other components
- 3000 lumen models: 5 years or 10,000 hours on the light source / 3 years on all other components

### PRO LINE

- 5 years or 10,000 hours on the light source / 3 years on all other components

# PRODUCT OVERVIEW



SLIM

The Thinnest High Brightness Projector - 1.7 inches thin - approximately the size of a sheet of paper and only 5 lbs.

- Up to 3000 lumens
- 2X Power Zoom
- Input/Output Connectivity—RGB, Video, HDMI, RS-232, Audio In/Out
- USB Models only: 2 USB
- Built-in 1w Speaker
- DLP Technology
- Auto Brightness Adjustment
- On Screen Presentation Timer
- For USB Models Only:**
  - Presentations From Your Thumb Drive
  - Wireless Presentations
  - Mobi-Show-WLAN Mobile Device Presentations



SIGNATURE

CASIO Signature series projectors provide high brightness and 1.5X Zoom for use in large and small rooms.

- Up to 3000 lumens
- 1.5X Manual Zoom
- Expanded Input/Output Connectivity—RGB, Video, HDMI, RS-232, Audio In/Out
- USB Model only: 1 USB and RJ-45 Wired LAN
- Auto Brightness Adjustment
- Built-in 5w Speaker
- DLP Technology
- DLP 3-D Ready
- For USB Models Only:**
  - Presentations From Your Thumb Drive
  - Wireless Presentations
  - RJ-45 Wired LAN
  - MobiShow—WLAN Mobile Device Presentations



PRO LINE

CASIO Pro series projectors with up to 4000 lumen brightness provides brightness & performance needed for large rooms.

- Up to 4000 lumens
- 1.2X Manual Zoom
- Expanded Input/Output
- Connectivity—Two (2) RGB, RGB Output, Video, HDMI, RS-232, Audio In/Out
- USB Models only: 2 USB and RJ-45 Wired LAN
- Auto Brightness Adjustment
- Built-in 10w Speaker
- DLP Technology
- DLP 3-D Ready
- For USB Models Only:**
  - Presentations From Your Thumb Drive
  - Wireless Presentations
  - Interactive White Board Capable
  - RJ-45 Wired LAN
  - MobiShow—WLAN Mobile Device Presentations



SHORT THROW

CASIO Short Throw series projectors projects bright, crisp images at close range with a full assortment of connectivity & features.

- Up to 3000 lumens
- Short Throw (0.68:1) Throw Ratio
- Expanded Input/Output Connectivity—Two (2) RGB, RGB Output, Video, HDMI, RS-232, Audio In/Out, 2 USB and RJ-45 Wired LAN
- Auto Brightness Adjustment
- Built-in 10w Speaker
- DLP Technology
- DLP 3-D Ready
- Presentations From Your Thumb Drive
- Wireless Presentations
- Interactive White Board Capable
- RJ-45 Wired LAN
- MobiShow—WLAN Mobile Device Presentations

## Features At A Glance

| MODEL |          | BRIGHTNESS | RESOLUTION | USB | WIFI CONNECTIVITY | 3-D READY | INTERACTIVE WHITEBOARD READY | ETHERNET CONNECTIVITY | SMARTPHONE CONNECTIVITY |
|-------|----------|------------|------------|-----|-------------------|-----------|------------------------------|-----------------------|-------------------------|
| SLIM  | XJ-A141  | 2500       | XGA        |     |                   |           |                              |                       |                         |
|       | XJ-A146  | 2500       | XGA        | ○   | ○                 |           |                              |                       | ○                       |
|       | XJ-A241  | 2500       | WXGA       |     |                   |           |                              |                       |                         |
|       | XJ-A246  | 2500       | WXGA       | ○   | ○                 |           |                              |                       | ○                       |
|       | XJ-A251  | 3000       | WXGA       |     |                   |           |                              |                       |                         |
| SIG   | XJ-A256  | 3000       | WXGA       | ○   | ○                 |           |                              |                       | ○                       |
|       | XJ-M140  | 2500       | XGA        |     |                   | ○         |                              |                       |                         |
|       | XJ-M145  | 2500       | XGA        | ○   | ○                 | ○         |                              | ○                     | ○                       |
|       | XJ-M150  | 3000       | XGA        |     |                   | ○         |                              |                       |                         |
|       | XJ-M155  | 3000       | XGA        | ○   | ○                 | ○         |                              | ○                     | ○                       |
|       | XJ-M240  | 2500       | WXGA       |     |                   | ○         |                              |                       |                         |
|       | XJ-M245  | 2500       | WXGA       | ○   | ○                 | ○         |                              | ○                     | ○                       |
| PRO   | XJ-M250  | 3000       | WXGA       |     |                   | ○         |                              |                       |                         |
|       | XJ-M255  | 3000       | WXGA       | ○   | ○                 | ○         |                              | ○                     | ○                       |
|       | XJ-H2600 | 3500       | WXGA       |     |                   | ○         |                              |                       |                         |
|       | XJ-H2650 | 3500       | WXGA       | ○   | ○                 | ○         | ○                            | ○                     | ○                       |
| SHORT | XJ-H1700 | 4000       | XGA        |     |                   | ○         |                              |                       |                         |
|       | XJ-H1750 | 4000       | XGA        | ○   | ○                 | ○         | ○                            | ○                     | ○                       |
|       | XJ-ST145 | 2500       | XGA        | ○   | ○                 | ○         | ○                            | ○                     | ○                       |
|       | XJ-ST155 | 3000       | XGA        | ○   | ○                 | ○         | ○                            | ○                     | ○                       |



## DUAL PROJECTION SYSTEM



Casio's dual projection system, the XJ-SK650 and XJ-SK600 projects overlapping images onto a single screen. Featuring a hybrid laser and LED light source, the Dual Projection System delivers extremely bright projection up to 6,500 lumens, that's almost twice the brightness of a single projector. The result is a sharper and brighter projection, even when a large screen is used making it perfect for restaurants, store windows, pubs, sports bars or anywhere that benefits from high-power, full-time applications.

The included YA-S10 Geometric Correction Box corrects and aligns screen images. When connected to the dual projection system, the YA-S10 corrects the screen images for bright single image projection.

| Model                     | XJ-SK650  | XJ-SK600   |
|---------------------------|---|--|
| <b>Components</b>         | Projector: XJ-H2600 x 2pcs<br>Geometric Correction Box: YA-S10<br>Stack cabinet set | Projector: XJ-M250 x 2pcs<br>Geometric Correction Box: YA-S10<br>Stack cabinet set |
| <b>Brightness</b>         | Approx. 6,500 ANSI Lumens   |  |
| <b>Resolution</b>         | Approx. 1,280 x 800 (WXGA)  |  |
| <b>Light Source</b>       | Laser & LED Hybrid  |  |
| <b>Life Time</b>          | 20,000 hours  |  |
| <b>Optical Specs.</b>     |   |  |
| Optical Zoom Ratio        | 1.2 : 1   | 1.5 : 1  |
| Throw Distance (at 80in.) | 2.8m (WIDE) – 3.35m (TELE)  | 2.27m (WIDE) – 3.4m (TELE)   |
| Image Size                | 50 - 300in.   |  |



# GREAT CONNECTIVITY

In addition to high brightness, Casio LampFree projectors provide the connectivity you expect. All Casio projectors will connect with almost any digital or analog computer or video source (via HDMI, RGB and video connectors), control systems (via an RS-232 port) and, depending on the model, USB and IP network devices.

## TABLETS AND SMART PHONES

Need more connectivity? Casio Projectors with USB can connect with many of today's popular mobile devices. Now you can share JPEG images and PowerPoint files\* wirelessly from a mobile device including iPad®, Android®, iPhone®, iPod® and Microsoft Windows® Mobile, via a WiFi connection (802.11b/g/n).

Simply download the MobiShow application to your tablet or smartphone, save your compatible presentation files to your device and you are ready to go. Wireless connectivity is simple and quick.

\* PowerPoint files must be converted using the included EZConverter FA software (PC compatible)

## WIFI PRESENTATION

Connect wireless-enabled Casio projectors to your PC or Mac via WiFi – or in a situation where there will be multiple presenters, connect up to 32 laptops simultaneously. You can even divide the screen into 4 parts, showing 4 connected computers at the same time.

Note: Wireless Connection 3 (included) or wePresent (download) is required.

## PC-LESS PRESENTATION

Leave your laptop behind. Load your JPEG images or converted PowerPoint files onto a USB thumb drive, plug it into the projector and start projecting.

Your remote will control your presentation. There is a menu setting for auto play making the projector a great option for digital signage applications.

# CONTROL & MANAGEMENT

In today's high-tech environment, the ability to remotely control and access a projector is critical. Large projector fleets deployed over a campus require instant and remote access to minimize downtime.

All Casio projectors come standard with an RS-232 control port for simple control and projector status feedback. Need more control? Casio USB models (Signature, Pro and Short Throw) include an RJ-45 Ethernet port for connection to the network, plus Direct IP addressing (both static and dynamic) and a built in web browser to provide all the information you need. And all our projectors are compatible with industry recognized control systems, including those from AMX, Crestron and Extron.

## CRESTRON FUSION RV® (ROOMVIEW)

All Casio LAN enable projectors are also Crestron Fusion/RoomView compatible, enabling simplified network control and communication without the need for additional hardware or software.



## WHITEBOARD READY

Short Throw and Pro (USB) projectors are interactive whiteboard ready, using an optional Interactive Pen with any white surface, whether whiteboard, screen or wall.

Use the Interactive Pen as a PC or Mac mouse to scroll and click through software applications or as a pen to draw, write and annotate images. You can touch the screen as you would with a marker or use it from a distance, even with screens so large that you can't reach the entire surface.

Choose a Casio Short Throw projector to minimize shadows, whether it is wall or ceiling mounted or on an AV cart. No special software needed. No calibration required.

## BUILT-IN AUDIO

All Casio projectors include a built-in amplifier and loudspeaker—perfect if you will travel with your projector or need to stretch your budget for classroom or conference room installations. Variable audio out (all models except Slim) allows you to output the audio to a separate system for even greater sound.

## DLP 3D READY

3D is not just for scientists or movie fans. It can provide dramatic impact for business presentations – and researchers have shown that it can help students better engage with their lessons.

All Casio Pro, Signature and Short Throw models include DLP 3D capability. Optional 2D-3D software can help you convert standard presentations to DLP 3D. (3D Active Shutter glasses and software required and sold separately.)

## SUPERIOR COLOR

One of the benefits of the hybrid light sources is an increased color gamut – these projectors will show about 50% more of the spectrum, for more accurate renditions, subtle shadings. Images appear brighter as well.

## EASE OF USE

Casio LampFree Projectors are solid state, meaning they start quickly and reach maximum brightness in less than 8 seconds. No more waiting for the lamp to warm up. And shut down is instant so there is no waiting for the projector to cool.



# Touchboards

205 Westwood Ave, Long Branch, NJ 07740  
Phone: 866-94 BOARDS (26273) / (732)-222-1511  
Fax: (732)-222-7088 | E-mail: sales@touchboards.com

# Casio Projector Specifications

|   | Slim   |                            | Signature   |                         | Pro   |                               | Short Throw   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
|---|--|----------------------------|---|-------------------------|---|-------------------------------|---|-----------------------|------------------------------|----------------------------|----------------------------|------------------------|-----------------------|------------------------|------------------------|-------------------------|------------------------|---------------|----------------|---------------|----------------|---------------|---------|---------------------|--------|--|--------|--|--------|--|---------------------|--|-----------|-------------|-------------|-------------|--------------|---------------|--------|
|   | XGA  | WXGA                       | XGA   | WXGA                    | XGA   | WXGA                          | XGA   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Native Resolution</b>                          | 1024 x 768   | 1280 x 800                 | 1024 x 768  | 1280 x 800              | 1024 x 768  | 1280 x 800                    | 1024 x 768  |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Native Aspect Ratio</b>                        | 4:3  | 16:10                      | 4:3   | 16:10                   | 4:3   | 16:10                         | 4:3   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Brightness</b>                                 | 3000/2500 lumens   |                            |   |                         | 4000/3500 lumens  |                               | 3000/2500 lumens  |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Display Device</b>                             | 0.55-inch DLP® chip  | 0.65-inch DLP® chip        | 0.55-inch DLP® chip   | 0.65-inch DLP® chip     | 0.7-inch DLP® chip  | 0.65-inch DLP® chip           | 0.7-inch DLP® chip  |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Contrast Ratio</b>                             | 1800:1   |                            |   |                         | 1400:1  |                               | 1800:1  |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Lens Type</b>                                  | 2X Power Zoom & Focus  |                            | 1.5X Manual Zoom & Focus  |                         | 1.2X Manual Zoom & Focus  |                               | Fixed Zoom/Manual Focus   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Lens Offset</b>                                | 100%   | 83%                        | 100%  | 83%                     | 100%  | 111%                          | 109%  |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Light Source</b>                               | Casio Laser & LED Hybrid   |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Estimated Light Source Life</b>                | Up to 20,000 Hours   |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Projection Screen Size (Min-Max)</b>           | 15 to 300-inch diagonal  | 18 to 300-inch diagonal    | 30 to 300-inch diagonal   | 35 to 300-inch diagonal | 27 to 300-inch diagonal   | 30 to 300-inch diagonal       | 45 to 142-inch diagonal   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Projection Range</b>                           | <table border="1"> <tr> <td>60-inch screen</td> <td>5.6 ~ 11.2 ft</td> <td>4.6 ~ 9.2 ft</td> <td>6.6 ~ 9.9 ft</td> <td>5.6 ~ 8.2 ft</td> <td>6.3 ~ 7.6 ft</td> <td>5.6 ~ 8.2 ft</td> <td>2.64 ft</td> </tr> <tr> <td>100-inch screen</td> <td>9.2 ~ 18.4 ft</td> <td>7.9 ~ 15.8 ft</td> <td>11.2 ~ 16.1 ft</td> <td>9.6 ~ 13.8 ft</td> <td>10.9 ~ 12.9 ft</td> <td>9.6 ~ 13.8 ft</td> <td>4.62 ft</td> </tr> <tr> <td>Minimum Throw Ratio</td> <td colspan="2">2.7 ft</td> <td colspan="2">3.3 ft</td> <td colspan="2">2.8 ft</td> <td>2 ft (45" diagonal)</td> </tr> <tr> <td></td> <td>1.4-2.8:1</td> <td>1.15-2.30:1</td> <td>1.64-2.46:1</td> <td>1.32-1.93:1</td> <td>1.6 ~ 1.91:1</td> <td>1.62 - 1.95:1</td> <td>0.68:1</td> </tr> </table> |                            |   |                         |   |                               |   | 60-inch screen        | 5.6 ~ 11.2 ft                | 4.6 ~ 9.2 ft               | 6.6 ~ 9.9 ft               | 5.6 ~ 8.2 ft           | 6.3 ~ 7.6 ft          | 5.6 ~ 8.2 ft           | 2.64 ft                | 100-inch screen         | 9.2 ~ 18.4 ft          | 7.9 ~ 15.8 ft | 11.2 ~ 16.1 ft | 9.6 ~ 13.8 ft | 10.9 ~ 12.9 ft | 9.6 ~ 13.8 ft | 4.62 ft | Minimum Throw Ratio | 2.7 ft |  | 3.3 ft |  | 2.8 ft |  | 2 ft (45" diagonal) |  | 1.4-2.8:1 | 1.15-2.30:1 | 1.64-2.46:1 | 1.32-1.93:1 | 1.6 ~ 1.91:1 | 1.62 - 1.95:1 | 0.68:1 |
| 60-inch screen                                    | 5.6 ~ 11.2 ft  | 4.6 ~ 9.2 ft               | 6.6 ~ 9.9 ft  | 5.6 ~ 8.2 ft            | 6.3 ~ 7.6 ft  | 5.6 ~ 8.2 ft                  | 2.64 ft   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| 100-inch screen                                   | 9.2 ~ 18.4 ft  | 7.9 ~ 15.8 ft              | 11.2 ~ 16.1 ft  | 9.6 ~ 13.8 ft           | 10.9 ~ 12.9 ft  | 9.6 ~ 13.8 ft                 | 4.62 ft   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| Minimum Throw Ratio                               | 2.7 ft   |                            | 3.3 ft  |                         | 2.8 ft  |                               | 2 ft (45" diagonal)   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
|   | 1.4-2.8:1  | 1.15-2.30:1                | 1.64-2.46:1   | 1.32-1.93:1             | 1.6 ~ 1.91:1  | 1.62 - 1.95:1                 | 0.68:1  |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Keystone Correction</b>                        | Vertical +30° (Auto) Vertical + or - 30° (Manual)  |                            |   |                         |   |                               | Vertical +30° (Auto)  |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Color Reproduction</b>                         | Full color (16.77 million colors)  |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Power Source</b>                               | AC100~240V, 50/60Hz  |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Power Consumption</b>                          | Operating: 210 watts- Eco Mode "off" Bright selected<br>170 watts Eco Mode "Eco 1" Selected<br>Standby: 0.4 w  |                            | Operating: 190 watts- Eco Mode "off" Bright selected<br>150 watts Eco Mode "Eco 1" Selected |                         | Operating: 330 watts- Eco Mode "off" Bright selected<br>250 watts Eco Mode "Eco 1" Selected |                               | Operating: 330 watts- Eco Mode "off" Bright selected<br>260 watts Eco Mode "Eco 1" Selected |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>TERMINAL CONNECTIVITY</b>                      |  |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Video Signal Compatibility</b>                 | Video Systems: NTSC/ PAL/ PAL-N/ PAL-M/ PAL60/ SECAM<br>DTV/HDTV: 480i/480P/576i/576P/720P/1080i/1080p<br>Maximum Computer Input: UXGA (1600 x 1200)   |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>INPUTS</b>                                     |  |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>RGB/Component Video Input</b>                  | mini D-Sub 15 pin x 1 (Also use as YCbCr/YPbPr input—commercially available adapter required)  |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>HDMI</b>                                       | HDMI Type A x 1 (480p~1080p)   |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Composite Video</b>                            | Composite Video (RCA) x 1, S-Video x 1   |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Audio</b>                                      | Stereo Mini x 1 (Shared with Stereo Audio in/out)  |                            | RCA (R/L) x1, Stereo mini x 1   |                         |   | RCA (R/L) x1, Stereo mini x 2 |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>USB</b>  | Type A (USB 2.0) x 1   |                            |   |                         | Type A (USB 2.0) x 1 / Type B x 1   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Wireless Capability</b>                        | Wireless LAN Adapter (YW-3) is included with USB Models (802.11 b/g/n) (USB Models Only)   |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>OUTPUTS</b>                                    |  |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Audio</b>                                      | Stereo Mini x 1 (Shared with Stereo Audio in/out)  |                            | Stereo Mini x 1   |                         | Stereo Mini x 1, Mini D-sub 15 pin x 1  |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>AUDIO AND CONTROL SYSTEMS</b>                  |  |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Audio system</b>                               | 1W Monaural Speaker  |                            | 5W Monaural Speaker   |                         | 10W Monaural Speaker  |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Control Terminal</b>                           | RS-232: RS-232C (Mini Din) x 1 Optional YK-5 cable require and sold separately. Straight cable required<br>LAN (USB Models only): Not Available<br>RS-232C (Mini D sub 9 pin) x 1 Cross Cable (Null Modem) required<br>RJ-45 x 1   |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Control System Compatibility</b>               | AMX, Crestron, Extron, SP Controls, PJLink   |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>OTHER INFORMATION</b>                          |  |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Usage Environment</b>                          | Operating Temperature: 41~95°F<br>Operating Humidity: 20~80% (non condensation)<br>High Altitude Mode: Yes (for operation 4,900~9,800 ft)  |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Extended operation (24 x 7)</b>                | Yes — Note: Projector must be turned off once every 24 hours   |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Rotation Projection</b>                        | 90 degrees Left/Right (Portrait) Only  |                            | 90 degrees Left/Right (Portrait) / 90 degrees (Up/Down)                                     |                         |   | No                            |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Remote Control Range</b>                       | 16.5 ft Maximum  |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Security Compatibility</b>                     | Kensington™ Compatible / Power On Password   |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Ceiling Mountable</b>                          | Yes, available and sold separately by 3rd party vendors  |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Ceiling Mount Screws (Type x Length) (Qty)</b> | M3 x 8mm (Qty 3, not included)   |                            |   |                         | M4 x 8mm (Qty 4, not included)  |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Limited Warranty</b>                           | 3 years Parts and Labor plus 3 years or 6,000 hours light source, see Warranty Statement included with product for complete details.   |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Included Accessories</b>                       | Wireless remote control, 6' RGB cable, 6' AC Power Cord, Carry Bag, Manual on CD-ROM and Setup Manual (Printed)  |                            |   |                         |   |                               | Wireless remote control, YW-3 Wireless adapter, 6' RGB cable, 6' AC Power Cord, Carry Bag   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Included Software</b>                          | USB Models Only - Wireless adapter YW-3  |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Optional Accessories</b>                       | YK-5 (RS-232C adapter)<br>Active Shutter 3D Glasses (YA-G30)/ 2D-3D Conversion Software (YA-D30)<br>Active Shutter 3D Glasses (YA-G30)/ 2D-3D Conversion Software (YA-D30), Interactive Pointer (YA-P10)   |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Cabinet Color</b>                              | White / Black Trim   | White / Light Gray Trim    | White / Black Trim  | White / Light Gray Trim | Dark Gray / White Top   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Dimension (W x D x H)</b>                      | <table border="1"> <tr> <td>Including Projections</td> <td>11.69 x 8.26 x 1.69 in</td> <td>12.24 x 9.61 x 3.31 in</td> <td>15.75 x 12.72 x 4.17 in</td> <td>16.5 x 12.72 x 4.17 in</td> </tr> <tr> <td>Excluding Projections</td> <td>11.69 x 8.26 x 1.59 in</td> <td>12.24 x 9.61 x 3.23 in</td> <td>15.75 x 12.72 x 3.78 in</td> <td>16.5 x 12.72 x 3.78 in</td> </tr> </table>  |                            |   |                         |   |                               |   | Including Projections | 11.69 x 8.26 x 1.69 in       | 12.24 x 9.61 x 3.31 in     | 15.75 x 12.72 x 4.17 in    | 16.5 x 12.72 x 4.17 in | Excluding Projections | 11.69 x 8.26 x 1.59 in | 12.24 x 9.61 x 3.23 in | 15.75 x 12.72 x 3.78 in | 16.5 x 12.72 x 3.78 in |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| Including Projections                             | 11.69 x 8.26 x 1.69 in   | 12.24 x 9.61 x 3.31 in     | 15.75 x 12.72 x 4.17 in   | 16.5 x 12.72 x 4.17 in  |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| Excluding Projections                             | 11.69 x 8.26 x 1.59 in   | 12.24 x 9.61 x 3.23 in     | 15.75 x 12.72 x 3.78 in   | 16.5 x 12.72 x 3.78 in  |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Weight</b>                                     | 5.0 lbs  |                            | 8.6 lbs   |                         | 15.6 lbs  |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Packing Information</b>                        | <table border="1"> <tr> <td>Carton Dimensions</td> <td>14.96 W x 6.22" H x 10.43" D</td> <td>16.5" L x 14.5" W x 6.5" H</td> <td>22.0" L x 18.7" W x 9.5" H</td> </tr> <tr> <td>Carton Weight</td> <td>10.14 lbs</td> <td>14.1 lbs</td> <td>26.4 lbs</td> </tr> </table>   |                            |   |                         |   |                               |   | Carton Dimensions     | 14.96 W x 6.22" H x 10.43" D | 16.5" L x 14.5" W x 6.5" H | 22.0" L x 18.7" W x 9.5" H | Carton Weight          | 10.14 lbs             | 14.1 lbs               | 26.4 lbs               |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| Carton Dimensions                                 | 14.96 W x 6.22" H x 10.43" D   | 16.5" L x 14.5" W x 6.5" H | 22.0" L x 18.7" W x 9.5" H  |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| Carton Weight                                     | 10.14 lbs  | 14.1 lbs                   | 26.4 lbs  |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |
| <b>Manufactured in</b>                            | China  |                            |   |                         |   |                               |   |                       |                              |                            |                            |                        |                       |                        |                        |                         |                        |               |                |               |                |               |         |                     |        |  |        |  |        |  |                     |  |           |             |             |             |              |               |        |