# NEWS RELEASE

For Immediate Release

# Casio Releases New Mercury-free Ultra Short-Throw Projector

*3,100 Lumens High Brightness Delivered by Casio's Laser & LED Hybrid Light Source, Plus Outstanding Smart Device Connectivity*


The photo shows the projector mounted on a wall. This requires an optional wall mount kit (YM-80).

TOKYO, April 1, 2014 – Casio Computer Co., Ltd. announced today the upcoming release of a new ultra short-throw projector in July. The mercury-free XJ-UT310WN offers high-brightness performance of 3,100 ANSI lumens, and can also be operated from various smart devices such as tablets and smartphones.

In April 2010, Casio launched its first projector with its original Laser & LED Hybrid Light Source. This Casio technology offered a high brightness of 2,500 lumens without using a mercury lamp. Since then, the company has equipped all its projectors with this mercury-free light source and helping to reduce environmental impact.

The new XJ-UT310WN is an ultra short-throw projector that can project a large 80-inch image from a distance as near as 27 centimeters. It is equipped with the latest Laser & LED Hybrid Light Source, which uses a DLP® chip to project the three basic colors of red, blue and green. Red is produced with a high-brightness red LED, while blue comes from a blue laser, and green is realized using a fluorescent material that converts blue laser light to green.

With a low power consumption of just 230 watts, the new projector still produces high brightness of 3,100 lumens. The light source has a long life of about 20,000 hours. Thanks to these outstanding features, the new projector offers a lower total cost of ownership and reduced environmental impact. The projector even has approximately two gigabytes of internal memory. The projection files can be downloaded to the memory over a wireless network, enabling easy projector use without a PC.

Casio is preparing smart-device applications[*A] to offer a variety of features useful in education and business settings. By linking a tablet or smartphone to the XJ-UT310WN, the user can control the projector from the smart device. This will be perfect for presenters that like to move around the classroom or into the audience to deliver a more dynamic talk.

*A In conjunction with the launch of the XJ-UT310WN, Casio plans to offer an Android application at Google Play, and an iOS application at the Apple App Store.

## Features of the Smart-Device Applications

■ PC remote operation
This feature enables the user to operate a PC that is connected to the XJ-UT310WN from the smart device. It allows the instructor or presenter to move around the room without having to return to the PC, and lets him or her interact more with the students or audience.

■ Camera image projection
Images captured by a smart-device camera can be projected by the XJ-UT310WN in real time. For example, a teacher can walk around the classroom and capture images of students' group work and instantly project them on the screen. This allows information to be quickly shared with the whole class.

■ Content projection
This feature enables the XJ-UT310WN to project education or presentation materials stored in apps. The Internet browser screen on the smart device can also be projected, enabling the easy creation of lessons or presentations containing the latest information.

■ Projector operation
This feature enables the XJ-UT310WN to be operated from the smart device. The projection content source can be switched between PC, AV and other input devices, internal memory, and USB connected device. The sound and picture, including features such as freeze and blank screen, can also be adjusted, along with a variety of other operations.



## Specifications

| | | |
|---|---|---|
| Model | | XJ-UT310WN |
| Brightness*1 | | 3100 lumens |
| Light Source | | Laser & LED Hybrid |
| | Estimated Life of Light Source | 20,000 hours |
| Display System | | DLP® chip × 1, DLP® system |
| Display Chip | Chip Size | WXGA 0.65 inches (Aspect ratio: 16:10) |
| | Number of Pixels | 1,024,000 (1280 × 800) |
| Contrast Ratio | | 1800:1 |
| Vertical Keystone Correction | | ±5° (manual) |
| Projection Lens | | Fixed zoom, manual focus |
| | | F2.3 / f4.2 |
| Projected Image Size | | 50 to 110 inches |
| Projection Distance | 60-inch Screen | 0.13 m (0.4 ft) |
| | 100-inch Screen | 0.40 m (1.3 ft) |
| | Minimum Distance | 0.06 m (0.2 ft) |
| Throw Ratio | | 0.28:1 (60-inch Screen) |
| Color Reproduction | | Full color (16.77 million colors) |
| Scanning Frequencies | Horizontal | 15 to 102 kHz |
| | Vertical | 50 to 120 Hz |
| Display Resolution | RGB Signal | Native: 1280 × 800 |
| | | Maximum: 1600 × 1200 (UXGA) resizing |
| | Component Signal | Maximum: 1920 × 1080 (HDTV 1080P) |
| | HDMI Signal | Maximum: 1920 × 1080 (HDTV 1080P) |
| | Video Signal | NTSC, PAL, PAL-N, PAL-M, PAL60, SECAM |
| Terminals | RGB Input<br>Component Input | Computer terminal: RGB 15-pin mini D-Sub × 2<br>Used for both RGB input and component (YCbCr/YPbPr) input |
| | RGB output | Monitor out terminal: RGB 15-pin mini D-Sub × 1 |
| | Digital Video Input | HDMI input terminal: HDMI type A terminal × 1<br>HDCP support, audio signal support |
| | Analog Video Input | Composite (RCA) terminal × 1, S-Video terminal × 1 |
| | Audio Input | RCA R/L terminals, 3.5 mm stereo mini jack × 2 |
| | Audio Output | 3.5 mm stereo mini jack × 1 |
| | Mic Input*2 | 3.5 mm monaural mini jack × 1 |
| | USB Host | USB type A × 1 |
| | USB Device | USB type B × 1<br>Micro-USB type B × 1: For user to store start-up logo data |
| | Control Terminal | RS-232C (D-sub 9 pin) × 1 |
| | LAN Terminal | RJ-45 × 1, 100BASE-TX/10BASE-T |
| Internal Memory | | Approx. 2GB |
| Speaker | | 16W × 1, monaural |
| Wireless Support | | IEEE 802.11b/g/n compatible |
| Connection by Network | Smart Devices | Supports Android devices running original Casio software*3<br>Supports iOS devices running original Casio software*3 |
| | Windows® PC | Supports Windows® PCs with network connection*4 |
| | Apple Mac | Supports Mac with network connection*4 |
| Projection with File Viewer | Compatible File Formats | PDF, JPEG, BMP, PNG, GIF, AVI (MJPEG video, ADPCM audio),<br>MOV (H.264 video, ADPCM audio or AAC audio), MP4 (H.264 video, AAC audio) |
| | Other File Formats | ECA, PtG*4*5 |

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|---|---|---|---|
| USB Display | | | Yes |
| Intelligent Brightness Control | | | Yes |
| Eco Mode | | | Yes |
| Direct Power-on | | | Yes |
| DLP® 3D Projection Ready | | | Yes |
| Security Compatibility | | | Kensington-compatible, power-on password |
| Other Functions | | | Digital zoom, rear-projection, freeze, color mode, blank screen, wall mount*6 |
| Power Source | | | AC100~240V, 50/60Hz |
| Power Consumption | Bright Mode | | 230W |
| | Normal Mode | | 205W |
| | Eco Mode Level 1 | | 185W |
| | Eco Mode Level 5 | | 110W |
| | Standby*7 | 100-120V | 0.12W |
| | | 220-240V | 0.23W |
| Dimensions (WxDxH) | | | 338 x 333 x 153<br>413 x 333 x 153 mm (incl. cable cover) |
| Weight | | | Approx. 5.5 kg |
| Included Accessories | | | Wireless remote control (YT-140), test batteries (AAA-size × 2),<br>AC power cord, RGB cable, setup guide, warranty, wireless adapter |

*1. When using Bright mode.
*2. Plug-in power type microphones are not supported.
*3. In conjunction with the launch of the XJ-UT310WN, Casio plans to offer an Android application at Google Play, and an iOS application at the Apple App Store.
*4. Various types of connectivity software will be provided on the Casio website (http://www.casio-intl.com) in July 2014.
*5. PowerPoint files are converted using original Casio software, including animation effects.
*6. Wall mount kit (YM-80) required (sold separately).
*7. When specified for "Remote Off"

## Main Options for Casio's New Projectors

| Model | Product |
|---|---|
| YM-80 | Wall Mount |
| YA-G30 | 3D Glasses for Casio projector |
| YA-D30 | Casio 3D Converter |



Those interested will find further information as well as high-resolution photo material on all CASIO model series in the online press area at http://www.casio- projectors.eu/euro/press/.

**Further information at www.casio-projectors.eu or www.casio-europe.com**