CASIO Mercury-Free Technology

20,000-hour operation

The light source has a lifetime of approx. 20,000 hours.

Brightness

Long lifetime with minimal deterioration of luminance

100%

CASIO Laser & LED model

Light source lifetime

Lamp replacement

High-pressure mercury lamps

Usage time

Approx. **10** times
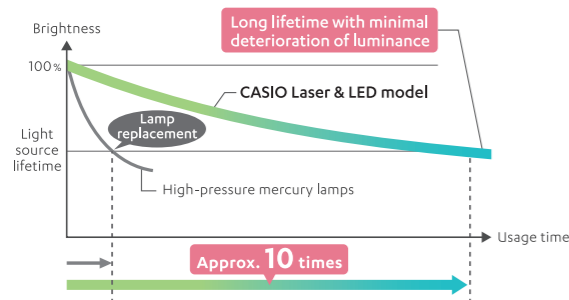
* Comparison with a high-pressure mercury lamp model (earlier CASIO product). As of February 2016, CASIO investigation.

Instant on/off

Projection can begin immediately when the power is turned on, with no cool down necessary after it is turned off again.

maximum brightness is achieved in as little as 5 seconds.

One touch of a button

No cool down before projection restart

Luminance

CASIO Laser & LED model

OFF

100%
80%

Approx. **70** sec.

Approx. **100** sec.

60%
40%

High-pressure mercury lamps

20%
0%

ON   ON

Usage time
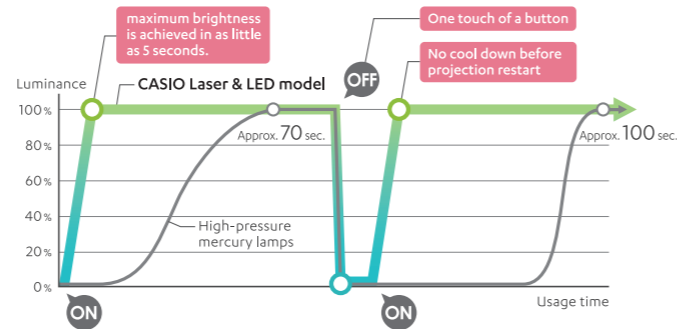
Low power consumption

Reduced power consumption allows for more cost savings and reduced CO_2 emissions.
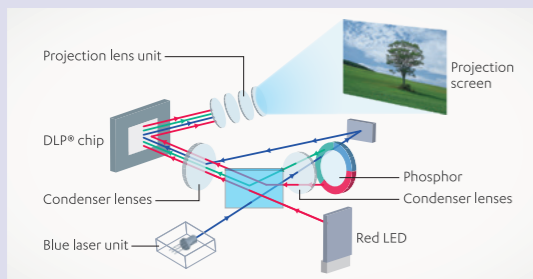
Mercury free

The light source achieves reduced environmental impact by eliminating the use of hazardous mercury.

# Hardware features [Superior Series]

R-Hybrid light source

CASIO's unique optical engine combines a laser with an LED. It achieves high luminance by using light from a blue laser converted by the phosphor and the color wheel to complement the red light conventionally projected by red LEDs. The resulting light source realizes high brightness of 4000 lumens.

Projection lens unit

Projection screen

DLP® chip

Phosphor

Condenser lenses

Condenser lenses

Blue laser unit

Red LED

1.7x optical zoom

A 1.7x optical zoom makes projector installation easy by eliminating the need to change the positions of existing metal fittings.

The operating range may vary with the projector.

428cm/14' 3"
257cm/8' 7"

Allowable installation range

90-inch screen (16:10)

Advanced Cooling Structure

CASIO's unique technology realizes 4000 lumens high brightness, noise-reduction, compact design, and dust resistant structure at the same time.

[3D cooling air passage]

Light source block

Power supply block

Air flow
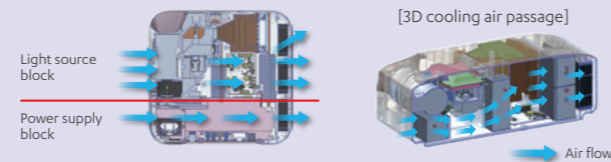
DICOM Simulation

The newly developed color mode is ideal for displaying medical documents, such as CT and MRI scans. It employs gradated settings resembling the DICOM standard to present sharp, clear images in fine detail.

* These projectors are not medical devices and should not be used to interpret CT or MRI scans or to conduct diagnoses.
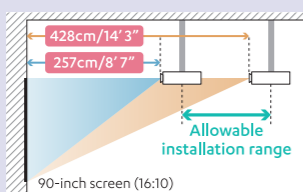
Digital screen shift

The projection screen size can be reduced without altering the ratio by changing the position of the projection up, down, or to the left or right electronically.

* Compatible models: XJ-S400UN / S400U / S400WN / S400W, XJ-F211WN / F101W / F21XN / F11X, XJ-UT352WN / UT352W / UT312WN

CASIO Mercury-Free School Program

- Safe for our children, safe for the future -

What is the CASIO Mercury-Free School Program?

CASIO's goal is to create a world without mercury, and to that end is promoting the CASIO Mercury-Free School Program. This program identifies schools at which at least 80% of the projectors in use are manufactured by CASIO, certifies such schools as being Mercury-Free Schools, and sends certificates to the schools.
https://www.casio-lampfree-projectors.com/en/environmental_activity/school/

Safety Precautions

Read the instruction manual carefully before using these products to ensure safe use.

Warning: Do not use a power source voltage, connection cord or AC adapter other than those specified. Doing so could result in fire or electric shock.

Caution: Do not position these products in a place where they might come into contact with water, moisture, steam, dust or oily smoke or in a high-temperature location. Doing so could result in fire, electric shock or equipment failure. • Contact a nearby dealer for inquiries concerning this catalog. If you have questions your dealer cannot answer, inquire at the contact address shown below. • Be sure you receive your warranty with the date of purchase, dealer name and other required items filled in at the time of purchase. • The specifications, designs, etc., presented in this catalog are subject to change without notice. The color tones of the products shown may differ from those of the actual products due to printing. • Screen images shown are superimposed graphics. • Be sure to set up the equipment properly according to the directions in the instruction manual. Failure to make connections properly or attempts to make alterations may result in accidents. CASIO can accept no responsibility under such circumstances. • The figures for brightness are averages for the products as a whole at the time of shipment and are in compliance with the ISO21118:2012 Data Projector Specifications. The measurement methods and conditions are based on Appendix B. • Refer to the setup guide for the classifications of laser products.. • DLP and the DLP Medallion and Logo are registered trademarks of Texas Instruments of the United States. • Windows is a registered trademark of Microsoft Corporation in the United States and other countries. • Mac OS is a registered trademark of Apple Inc. in the United States and other countries. App Store is a service mark of Apple Inc., registered in the United States and other countries. • Chrome OS, Google Play and Android are registered trademarks of Google Inc. • MirrorOp is a registered trademark of Barco Inc. • Other company and product names in this catalog are trademarks or registered trademarks of the respective companies.

https://web.casio-intl.com/projector/educational_solutions/

CASIO®

LampFree
CASIO Green Technology

1-Click Connection
For the Smart Classroom

Ultra Short-Throw Series

Superior Series

Advanced Series

Educational Solutions

Begin Classes Quickly and Easily!
1-Click Connection Projectors

With the advent of IT education, which integrates digital contents and the Internet into the classroom, instructors need projectors that facilitate easier, more efficient teaching styles.

CASIO is preparing to support the IT classroom of the future.
We call these efforts our Educational Solutions (ES) concept.

We began by interviewing teachers and IT managers at over 40,000 schools where CASIO projectors were in use to determine the ideal performance characteristics of tomorrow's IT classroom projectors.

We reduced restrictions on the classroom layout by introducing wireless operation and replacing the complicated setting procedures with quick, easy One Click Connection.
We also installed a smartphone/tablet-based Moderator Function and a PC & Projector Remote that enables free control of projection operation of the teacher or students from anywhere in the classroom.

To simplify operation and expedite smooth classroom instruction.
To enable flexible teaching styles that encourage greater student participation.
To coordinate lessons more closely with students
and strengthen interactive communication.
After many long years,
these educational challenges have finally been overcome.

Making IT lessons smarter and more efficient.
CASIO is redefining the IT classroom of the future.

Educational Solutions

▶ **Special Solution Movie Now Available!**
https://web.casio-intl.com/projector/educational_solutions/

Supporting IT Classes from Start to Finish!

Preparation

One Click Connection simplifies the projection startup process.
With quick and easy wireless projection to reduce the time and effort spent on preparation, classes can start immediately.

During Class

With the Moderator function, the students' PC connection status and projection operations are managed firsthand by the teacher. For teachers, lessons are closely coordinated with students to assure clear, easy communication of the contents.

End of Class

Auto Projection OFF makes projector operations unnecessary when classes are over. This simplifies the tidying up process and leaves the projector ready for prompt use by the next teacher.

Ultra Short-Throw Series
Superior Series
Advanced Series

Superior Series

WUXGA model 4000 lumens
• XJ-S400UN [Network model] • XJ-S400U

WXGA model 4000 lumens
• XJ-S400WN [Network model] • XJ-S400W

Advanced Series

WXGA model 3500 lumens
• XJ-F211WN [Network model] • XJ-F101W

XGA model 3300 lumens
• XJ-F21XN [Network model] • XJ-F11X

Ultra Short-Throw Series

WXGA model 3500 lumens
• XJ-UT352WN [Network model] • XJ-UT352W

WXGA model 3100 lumens
• XJ-UT312WN [Network model]

Classes can be conducted smoothly and freely, with students deepening their understanding through active interaction among all the class members.

Educational Solutions

One Click Connection

Just clicking on the One Click Connection ("OCC" hereinafter) icon set up for each classroom creates a wireless connection with the projector and initiates projection. The time and effort spent on activities such as establishing cable connections, switching inputs and making wireless settings are significantly reduced, so that classes can begin right away.

* The C-Connection network projection app (Windows or Mac) required.
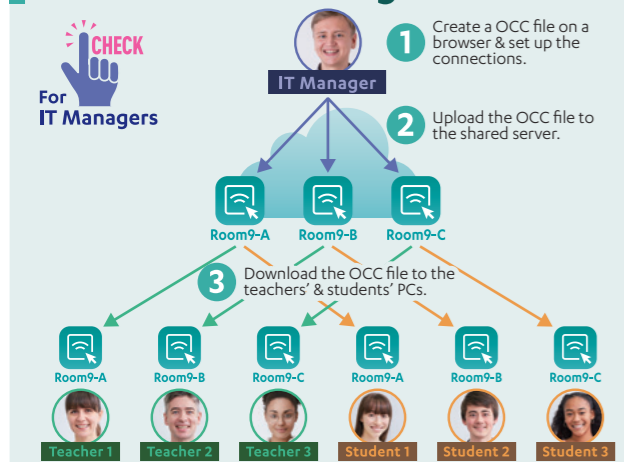
No cable connection required.
No wireless setting required.
No input content switching required.

Connection Setting on Browser

For IT Managers CHECK

IT Manager

① Create a OCC file on a browser & set up the connections.

② Upload the OCC file to the shared server.

Room9-A Room9-B Room9-C

③ Download the OCC file to the teachers' & students' PCs.

Room9-A Room9-B Room9-C Room9-A Room9-B Room9-C

Teacher 1 Teacher 2 Teacher 3 Student 1 Student 2 Student 3

Creation of the OCC file and the projector connection settings can be conducted on the IT manager's web browser. This spares IT managers the trouble of constructing a network environment.

* The C-Connection network projection app must be installed on every PC beforehand.

Wireless Projection App C-Connection for portable

For IT Managers CHECK

Wireless projection is possible with no software installation on your PC.

You can start the network projection software from a USB flash drive with C-Connection for portable downloaded. You can perform wireless projection even on PCs which the software cannot be installed.

* Only for Windows.   * Application can be downloaded from the CASIO website.
https://support.casio.com/en/support/download.php?cid=007&pid=2487

Moderator Function

This function makes it possible to manage the projection operations of students' PCs collectively by smartphone or tablet. The teacher can select any student's PC from anywhere in the classroom and project the relevant contents onto the screen immediately. This is a practical way of enhancing teaching efficiency and increasing student participation through activities such as presentation of assignments. A maximum of 40 devices can be connected simultaneously including teacher's devices.

* The number of connectable devices depends on the user's network environment.
* The C-Connection network projection app (Windows/Mac) required.

For Presentations

When students click the OCC icon to indicate completion of a classroom assignment, their user names are displayed in a list on the teacher's smart device screen. This makes it easy for the teacher to tell which students have completed the assignment and to select students to present their solutions while still circulating the room.
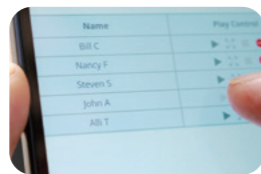
Selecting a student from teacher's smart device.
Selected student's PC screen
Projecting the student's work onto the screen

The teacher can also select the next student easily on a smart device without reconnecting with the student's PC.

For Discussions

The PC screens of up to four students can be projected simultaneously. This approach can be used to initiate vibrant discussions in which students compare the solutions offered by various class members, deepen their understanding of the issues, and discuss multiple opinions and assertions presented by their classmates.

The ability to select the screens you want to show on the spot and project them immediately saves the time and effort required to consolidate materials on the teacher's PC each time a new solution is presented.

PC & Projector Remote

Remote control of the PC and projector by smartphone or tablet enables teachers to project the screens they want to show from anywhere in the classroom. This enables them to coordinate their lessons directly with students' input and needs.

PC Remote

Teachers can switch among teaching materials and turn pages while walking around the classroom, without returning to the podium each time.
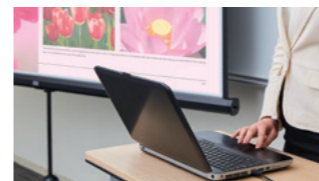
* Installation of the C-Connection network projection app on PC and the MirrorOp Receiver app on the smartphone or tablet is required.

Projector Remote

When a document camera, DVD player or other device is connected to the projector, remote switching among input terminals can be conducted as appropriate.

Auto Projection OFF

Stops the app.
Projection screen turns off
Next teacher clicks icon of app. to restart projection.

Pressing the stop button on the C-Connection network projection app when the class ends removes the projected image from the screen while maintaining the network connection status. One Click Connection is all it takes to start the next class immediately. Because there is no need to turn the power ON/OFF before and after every class, preparation and tidying up are trouble free.

* A new projection session can be started using the same signal within 20 minutes of Auto Projection OFF.
* Wired use is also possible by plugging in and unplugging a cable.

Auto Power OFF After 20 Minutes

For IT Managers CHECK

After 20 minutes in the Auto Projection OFF mode, the projector's main power supply is turned off automatically. This prevents it from being left on accidentally, and reduces the pressure on IT managers to confirm the projector status after school.

Other Features

Auto Input Search

When the power is turned ON after the cable is connected, the projector searches for the input signal and initiates projection automatically.

* After cable connection, input signal can also be detected by long-pressing the INPUT key on the remote control.

Countdown Timer

The ability to display a large timer in the center of the screen comes in handy for various classroom activities, such as informing students of assignment and examination time limits.

Templates

Nine built-in templates comprising frequently used borders and grids are available for use in class. Original images can also be registered.

* Original image registration is restricted to Network models.

Mirror Mode

Images can be rotated horizontally, a useful capability for studying movement and form.

ES features support chart

ES features	Superior Series		Advanced Series		Ultra Short-Throw Series	
	XJ-S400UN XJ-S400WN	XJ-S400U XJ-S400W	XJ-F211WN XJ-F21XN	XJ-F101W XJ-F11X	XJ-UT352WN XJ-UT312WN	XJ-UT352W
One Click Connection*	✓	—	✓	—	✓	—
Moderator Function	✓	—	✓	—	✓	—
PC Remote*	✓	—	✓	—	✓	—
Projector Remote	✓	—	✓	—	✓	—
Auto Projection OFF	✓	✓	✓	✓	✓	✓
Auto Input Search	✓	✓	✓	✓	✓	✓
Countdown Timer	✓	✓	✓	✓	✓	✓
Templates	✓	✓	✓	✓	✓	✓
Mirror Mode	✓	✓	✓	✓	✓	✓

* Only for Windows/Mac

▶ For more information on ES features, please visit our website's Quick Operation Videos.
https://web.casio-intl.com/projector/educational_solutions/videos/

Specifications

	Superior Series				Advanced Series				Ultra Short-Throw Series		
	XJ-S400UN	XJ-S400U	XJ-S400WN	XJ-S400W	XJ-F211WN	XJ-F101W	XJ-F21XN	XJ-F11X	XJ-UT352WN	XJ-UT352W	XJ-UT312WN
Brightness *¹	4000 lumens				3500 lumens		3300 lumens		3500 lumens		3100 lumens
Display system	DLP® chip x1, DLP® system				DLP® chip x1, DLP® system				DLP® chip x1, DLP® system		
Display chip	WUXGA 0.67 inches (Aspect ratio: 16:10) 2,304,000 pixels (1920 dots x 1200 dots)		WXGA 0.65 inches (Aspect ratio: 16:10) 1,024,000 pixels (1280 dots x 800 dots)		WXGA 0.65 inches (Aspect ratio: 16:10) 1,024,000 pixels (1280 dots x 800 dots)		XGA 0.55 inches (Aspect ratio: 4:3) 786,432 pixels (1024 dots x 768 dots)		WXGA 0.65 inches (Aspect ratio: 16:10) 1,024,000 pixels (1280 dots x 800 dots)		
Contrast ratio	20,000 : 1				20,000 : 1				20,000 : 1		
Keystone correction	Vertical: +30° (automatic), ±30° (manual)				Vertical: +30° (automatic), ±30° (manual)				Vertical: ±5° (manual), horizontal: ±5° (manual)		
Projection lens	1.7X manual zoom, manual focus, F=2.33-3.03 / f=19.5-32.3				1.5X manual zoom, manual focus, F=2.31-2.73 / f=18.9-27.2				Fixed zoom, manual focus, F=2.3 / f=4.2		
Projected image size	30 inches (0.6 meters x 0.4 meters)-300 inches (6.5 meters x 4.0 meters)				35 inches (0.8 meters x 0.5 meters)-300 inches (6.5 meters x 4.0 meters)		30 inches (0.6 meters x 0.4 meters)-300 inches (6.5 meters x 4.0 meters)		50 inches (1.1 meters x 0.7 meters)-110 inches (2.4 meters x 1.5 meters)		
Projection distance — 60-inch (1.3 meters x 0.8 meters)	1.64-2.78 meters (5.4-9.1 feet)		1.70-2.92 meters (5.6-9.6 feet)		1.64-2.42 meters (5.4-7.9 feet)		1.95-2.87 meters (6.4-9.4 feet)		0.13 meters (0.4 feet)		
Projection distance — 100-inch (2.2 meters x 1.3 meters)	2.80-4.70 meters (9.2-15.4 feet)		2.90-4.94 meters (9.5-16.2 feet)		2.81-4.11 meters (9.2-13.5 feet)		3.33-4.85 meters (10.9-15.9 feet)		0.4 meters (1.3 feet)		
Projection distance — Minimum projection distance	0.77 meters (2.5 feet)		0.80 meters (2.6 feet)		0.92 meters (3.0 feet)		0.93 meters (3.1 feet)		0.06 meters (0.2 feet)		
Light source (estimated life *²)	Laser & LED (up to 20,000 hours)				Laser & LED (up to 20,000 hours)				Laser & LED (up to 20,000 hours)		
Color reproduction	Full color (up to 1.07 billion colors)				Full color (up to 1.07 billion colors)				Full color (up to 1.07 billion colors)		
Scanning frequencies	Horizontal: 15-91 kHz, Vertical: 50-85 Hz				Horizontal: 15-91 kHz, Vertical: 50-85 Hz				Horizontal: 15-91 kHz, Vertical: 50-85 Hz		
Computer input — Digital input terminal	HDMI type A x2				HDMI type A x2				HDMI type A x2		HDMI type A x1
Computer input — Analog input terminal	mini D-Sub 15 pin x2	mini D-Sub 15 pin x1	mini D-Sub 15 pin x2	mini D-Sub 15 pin x1	mini D-Sub 15 pin x1				mini D-Sub 15 pin x2		mini D-Sub 15 pin x1
Computer input — Monitor out terminal	mini D-Sub 15 pin x1	—	mini D-Sub 15 pin x1	—	—				mini D-Sub 15 pin x1		
Video input — Analog signal	Component: 480i to 1080p, Composite: NTSC, PAL, PAL-N, PAL-M, PAL60, SECAM				Component: 480i to 1080p, Composite: NTSC, PAL, PAL-N, PAL-M, PAL60, SECAM				Component: 480i to 1080p, Composite: NTSC, PAL, PAL-N, PAL-M, PAL60, SECAM		
Video input — Analog input terminal	Component: YCbCr/YPbPr (used for both analog computer input and component input), Analog video: Composite (RCA) x1				Component: YCbCr/YPbPr (used for both Analog video: Composite (RCA) x1 analog computer input and component input),				Component: YCbCr/YPbPr (used for both analog computer input and component input), Analog video: Composite (RCA) x1		
Video input — Digital signal (HDMI)	480p to 1080p (Shared with HDMI Type A terminal)				480p to 1080p (Shared with HDMI Type A terminal)				480p to 1080p (Shared with HDMI Type A terminal)		
Audio — Input	3.5 mm stereo mini jack x2, RCA x1 [R/L], 3.5 mm monaural mini jack (for Mic.) x1 *³	3.5 mm stereo mini jack x1, RCA x1 [R/L]	3.5 mm stereo mini jack x1, RCA x1 [R/L], 3.5 mm monaural mini jack (for Mic.) x1 *³	3.5 mm stereo mini jack x1, RCA x1 [R/L]	3.5 mm stereo mini jack x1, RCA x1 [R/L], 3.5 mm monaural mini jack (for Mic.) x1 *³	3.5 mm stereo mini jack x1, RCA x1 [R/L]	3.5 mm stereo mini jack x1, RCA x1 [R/L], 3.5 mm monaural mini jack (for Mic.) x1 *³	3.5 mm stereo mini jack x1, RCA x1 [R/L]	3.5 mm stereo mini jack x2, RCA x1 [R/L], 3.5 mm monaural mini jack (for Mic.) x1 *³		
Audio — Output	3.5 mm stereo mini jack x1 (variable audio)				3.5 mm stereo mini jack x1 (variable audio)				3.5 mm stereo mini jack x1 (variable audio)		
Audio — Speaker	16W x1, monaural				16W x1, monaural				16W x1, monaural		
Other terminals — USB host	USB 2.0 Type-A x2	—	USB 2.0 Type-A x2	—	USB 2.0 Type-A x1	—	USB 2.0 Type-A x1	—	USB 2.0 Type-A x2	—	USB 2.0 Type-A x2
Other terminals — USB power supply	DC 5V (Shared with USB host terminal)	DC 5V USB Type-A x1 (Dedicated power supply terminal)	DC 5V (Shared with USB host terminal)	DC 5V USB Type-A x1 (Dedicated power supply terminal)	DC 5V (Shared with USB host terminal)	DC 5V USB Type-A x1 (Dedicated power supply terminal)	DC 5V (Shared with USB host terminal)	DC 5V USB Type-A x1 (Dedicated power supply terminal)	DC 5V (Shared with USB host terminal)	DC 5V USB Type-A x1 (Dedicated power supply terminal)	DC 5V (Shared with USB host terminal)
Other terminals — USB function	USB 1.1 Micro-B x1 *⁴				USB 1.1 Micro-B x1 *⁴				USB 1.1 Micro-B x1 *⁴		
Other terminals — Control (Serial)	RS-232C (D-Sub 9pin) x1				RS-232C (D-Sub 9pin) x1				RS-232C (D-Sub 9pin) x1		
Other terminals — LAN	RJ-45 x1	—	RJ-45 x1	—	RJ-45 x1	—	RJ-45 x1	—	RJ-45 x1	—	RJ-45 x1
Wireless LAN support	IEEE 802.11 b/g/n *⁵ (requires separately available YW-41 wireless LAN adapter)	—	IEEE 802.11 b/g/n *⁵ (requires separately available YW-41 wireless LAN adapter)	—	IEEE 802.11 b/g/n *⁵ (requires separately available YW-41 wireless LAN adapter)	—	IEEE 802.11 b/g/n *⁵ (requires separately available YW-41 wireless LAN adapter)	—	IEEE 802.11 b/g/n *⁵ (requires separately available YW-41 wireless LAN adapter)	—	IEEE 802.11 b/g/n *⁵
Power requirements	AC 100-240V, 50/60Hz				AC 100-240V, 50/60Hz				AC 100-240V, 50/60Hz		
Power consumption — Operating (default setting) (Light Output 7)	215W	210W	215W	210W	165W		160W		185W		160W
Power consumption — Operating (minimum setting) (Light Output 1)	125W	120W	125W	120W	85W		80W		105W		90W
Power consumption — Operating (Bright)	255W	250W	255W	250W	205W		195W		225W		195W
Power consumption — Standby AC 100-120V Remote OFF/ON	0.09W				0.12W				0.12W		
Power consumption — Standby AC 220-240V Remote OFF/ON	0.17W				0.23W				0.23W		
Approximate dimensions (W × H × D)	357 × 124 × 337 mm (not including projections)				299 × 97 × 299 mm (including projections)				338 × 153 × 333 mm (including projections)		
Weight	5.9 kg				3.8 kg				5.8 kg		
Security compatibility	Kensington Compatible, Security Bar, Power On Password				Kensington Compatible, Power On Password				Kensington Compatible, Security Bar, Power On Password		
Included accessories *⁶	Remote control, Power cord, Warranty card				Remote control, Power cord, Warranty card				Remote control, Power cord, Wireless LAN adapter (XJ-UT312WN only), Warranty card		

*1 When "Bright" is selected for "Light Control Off mode".
*2 Lifetime not guaranteed.
*3 Plug-in power type microphone are not supported.
*4 For firmware update and logo data registration.
*5 With connection of wireless LAN adapter to USB-A (Host) port.
*6 User's manual and Network manual available for down loading on CASIO website after the products are launched.

Interfaces

Superior Series

1 Computer terminal 1
2 Computer terminal 2 *
3 Monitor output terminal *
4 HDMI terminal 1
5 HDMI terminal 2
6 USB terminal (Micro-B)
7 USB terminal (Type-A) 1
8 USB terminal (Type-A) 2 *
9 Audio input terminal 1
10 Audio input terminal 2 *
11 Audio output terminal
12 Audio input terminal (RCA)
13 Video input terminal (RCA)
14 Microphone terminal *
15 Control terminal (RS-232C)
16 Wired LAN terminal *

* Compatible models: XJ-S400UN / S400WN

Advanced Series

1 Computer terminal
2 HDMI terminal 1
3 HDMI terminal 2
4 USB terminal (Micro-B)
5 USB terminal (Type-A)
6 Audio input terminal
7 Audio output terminal
8 Audio input terminal (RCA)
9 Video input terminal (RCA)
10 Microphone terminal *
11 Control terminal (RS-232C)
12 Wired LAN terminal *

* Compatible models: XJ-F211WN / F21XN

Ultra Short-Throw Series

1 Computer terminal 1
2 Computer terminal 2
3 Monitor output terminal
4 HDMI terminal 1
5 HDMI terminal 2 *¹
6 USB terminal (Micro-B)
7 USB terminal (Type-A) 1
8 USB terminal (Type-A) 2 *²
9 Audio input terminal 1
10 Audio input terminal 2
11 Audio output terminal
12 Audio input terminal (RCA)
13 Video input terminal (RCA)
14 Microphone terminal
15 Control terminal (RS-232C)
16 Wired LAN terminal *²

*1 Compatible models: XJ-UT352WN / UT352W
*2 Compatible models: XJ-UT352WN / UT312WN

Projection distances

WUXGA/WXGA models (Aspect ratio: 16:10)

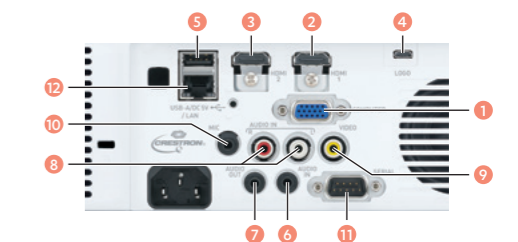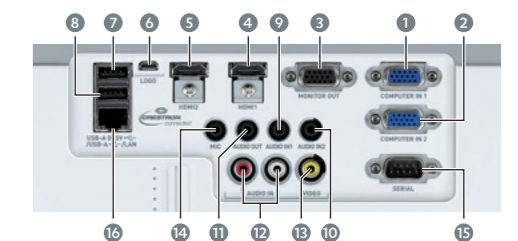|		Superior Series						Advanced Series			Ultra Short-Throw Series	
		XJ-S400UN / S400U [Figure 1]			XJ-S400WN / S400W [Figure 1]			XJ-F211WN / F101W [Figure 1]			XJ-UT352WN/UT352W/ UT312WN [Figure 2]	
Screen size	W × H	Shortest	Longest	h	Shortest	Longest	h	Shortest	Longest	h	Projection distance	h
40-inch	0.9m x 0.5m	1.06m	1.82m	9cm	1.10m	1.91m	8cm	1.06m	1.58m	9cm	—	—
60-inch	1.3m x 0.8m	1.64m	2.78m	14cm	1.70m	2.92m	12cm	1.64m	2.42m	13cm	0.13m	27cm
80-inch	1.7m x 1.1m	2.22m	3.74m	18cm	2.34m	3.93m	16cm	2.23m	3.26m	18cm	0.27m	32cm
100-inch	2.2m x 1.3m	2.80m	4.70m	23cm	2.90m	4.94m	20cm	2.81m	4.11m	22cm	0.40m	38cm
150-inch	3.2m x 2.0m	4.25m	7.10m	34cm	4.40m	7.45m	31cm	4.26m	6.22m	34cm	—	—
200-inch	4.3m x 2.7m	5.70m	9.50m	45cm	5.90m	9.97m	41cm	5.72m	8.32m	45cm	—	—
300-inch	6.5m x 4.0m	8.60m	14.30m	68cm	8.90m	15.01m	61cm	8.62m	12.54m	67cm	—	—

XGA models (Aspect ratio: 4:3)

		Advanced Series	
		XJ-F21XN / F11X [Figure 3]	
Screen size	W × H	Shortest	Longest
40-inch	0.8m x 0.6m	1.27m	1.88m
60-inch	1.2m x 0.9m	1.95m	2.87m
80-inch	1.6m x 1.2m	2.64m	3.86m
100-inch	2.0m x 1.5m	3.33m	4.85m
150-inch	3.0m x 2.3m	5.04m	7.33m
200-inch	4.1m x 3.0m	6.76m	9.82m
300-inch	6.1m x 4.6m	10.18m	14.78m

* The aspect ratio is the ratio of a screen's width to height.   * Projection distances are approximations.   * Projection distance: Distance from the edge of the case to the screen.

Projection distance

Figure 1

Screen
Center of lens
h
Projection distance

Figure 2

Screen
h
Projection distance

Figure 3

Screen
Center of lens
Projection distance
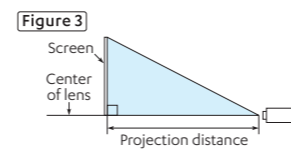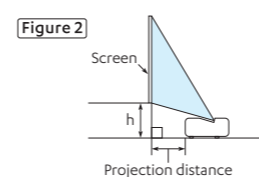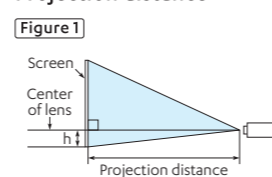
Supported applications

For details about support information for various operation systems, check the CASIO website.

Network projection app for PCs: C-Connection
Windows   https://support.casio.com/en/support/download.php?cid=007&pid=2380   (CASIO website)
macOS   https://support.casio.com/en/support/download.php?cid=007&pid=2381   (CASIO website)
Chrome OS   The Chrome OS version will be available in June, 2019.   (Chrome Web Store)

Wireless Projection App C-Connection for portable
Windows   https://support.casio.com/en/support/download.php?cid=007&pid=2487   (CASIO website)

Network projection app for smart devices: MirrorOp Presenter
Android   https://play.google.com/store/apps/details?id=com.awindinc.mirrorop.presenter   (Google Play)
iOS   https://itunes.apple.com/us/app/mirrorop-presenter/id808539605   (App Store)

PC remote app for smart devices: MirrorOp Receiver
Android   https://play.google.com/store/apps/details?id=com.awindinc.mirrorop.receiver   (Google Play)
iOS   https://itunes.apple.com/us/app/mirrorop-receiver/id408374570   (App Store)

Option

Wireless LAN adapter [YW-41]

The YW-41 is an adapter used for wireless LAN connections for network-enabled models. The adapter supports the IEEE 802.11 b/g/n standard.

* Supported models: XJ-S400UN / S400WN, XJ-F211WN / F21XN, XJ-UT352WN / UT312WN