

A light source that lasts up to 20,000 hours – an innovation by CASIO.

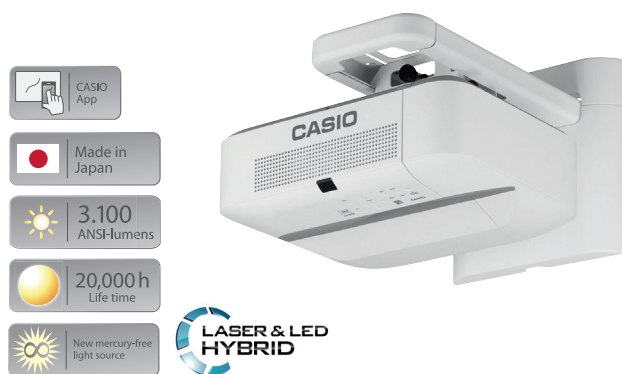
## Multimedia teaching – a vision becomes reality.

Showing educational films, presenting graphics and conducting media-supported lessons and lectures are all part of modern education. Short throw projectors are becoming more and more popular in terms of the interdisciplinary use of projectors and interactive whiteboards, as they enable the glare-free projections without the person giving the presentation casting shadows. In classic lesson situations, teaching staff present prepared materials that are stored on a PC or external data storage device.



### Solution with a vision: the new Ultra Short Throw projector from CASIO.

The new model XJ-UT310WN, with which it is possible to project an image with an about 2 m (80-inch) diagonal measurement from a distance of 27 cm, offers optimum conditions for highly efficient, long-term use in schools. With a life time of up to 20,000 hours without lamp replacement, the mercury-free laser and LED hybrid light source makes it a cost-efficient solution, since follow-up costs for items such as maintenance are greatly reduced.



With its technical specifications, the Ultra Short Throw projector is state of the art – whether in terms of an illuminative performance of 3,100 ANSI lumens, WXGA format or common interfaces such as HDMI.

In the classroom, presentations can be easily accessed from a tablet or smartphone using an app developed by CASIO – with no need whatsoever for a PC.

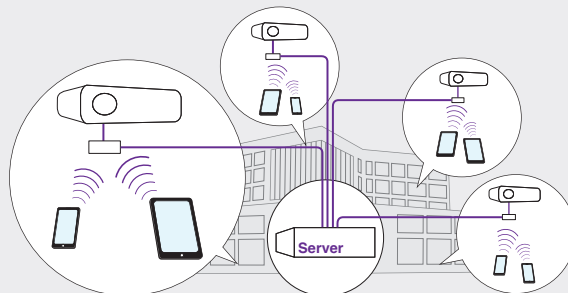
### Life time of 20,000 hours.

When used in schools, this means a life time of 15 years in which the projector is used six hours a day, 220 days a year.



### Incorporating the Ultra Short Throw projector into the school network.

The Ultra Short Throw projector from CASIO has an internal memory of approximately 2 GB and can be easily integrated into school networks. With the relevant access rights, teaching materials can be saved directly on the projector of a specific classroom. Data can be transferred from the staff room to the classroom at the push of a button to ensure that everything is ready by the time the lesson begins. The laborious process of bringing external devices or a USB flash drive to class and connecting them with the projector becomes a thing of the past.



## Ready for the revolution: an app for the Ultra Short Throw projector from CASIO.

Specially designed for the new Ultra Short Throw projector, an app has been developed that could shape the lessons of tomorrow. This highly innovative app allows modern media such as tablets and smartphones to be easily incorporated into lessons and opens up whole new possibilities when it comes to lesson design. With this app, CASIO is keeping pace with the latest technological developments – after all, many teachers now use a tablet or smartphone.



### Wireless presentations with smart devices.

Once installed on a tablet or smartphone, the app can be used to directly control the projector. Whether from the teacher's desk or elsewhere in the classroom, the presentation is projected wirelessly in large-screen format. A new kind of presentation is quickly and easily made possible, as the person giving the presentation is able to move freely around the room and interact with their audience – making classic front-of-the-classroom teaching a thing of the past.

Tip: During the frequently hectic school day, the projector remote control is often not to hand – no problem with the CASIO app, which features an integrated remote control. Common file formats such as PDF, JPG and even Power-Point to Go are supported.



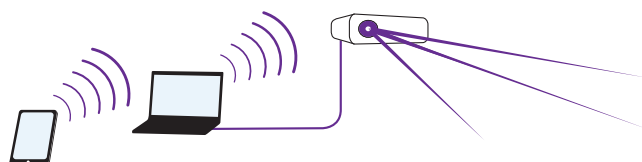
### Projecting spontaneous camera pictures.

With the app from CASIO, making politics and history lessons more interesting with newspaper clippings or documenting the methods used for successful chemistry or physics experiments is no problem whatsoever. Simply take pictures or record videos with the tablet or smartphone and use the app to show them in real time and large-screen format. During the presentation, content can be edited and then saved, allowing information to be shared quickly with the whole class and topics to be illustrated in an engaging and lifelike way.



### Accessing the PC from a tablet.

Once opened on a PC, software products and presentations can be controlled from a tablet using the app. The app therefore enables the tablet to be used as a remote control for the PC.



### Engaging, interactive teaching.

With the app, it is possible to draw or write in the presentation in real time and for the whole class to follow the changes in the projection. As a result, teaching becomes more vivid and engaging. All edits can be saved at any time and reused later.

### Projecting Web data via the browser.

The app can also be used to integrate data from the Internet into presentations. Many mobile terminal devices now offer direct Internet access and wireless capability. The app enables the browser window to be incorporated directly into the presentation. This means that up-to-date information can be projected directly in large-screen format (Internet access required). In this instance, the multiple wireless connections are controlled using a router (access point).