

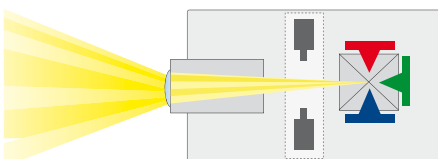
This month's brilliant idea:

## From light to total darkness in an eyeflash: The mechanical shutter from SANYO.

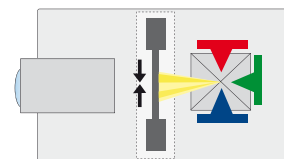
Professional presentation systems from SANYO feature a perfect fusion of high-quality technological functions. The mechanical shutter is an example of how projectors have proven their worth as a reliable, practical partner over the years. This bezel completely blocks all light emitted by the projector lamp for a selected period. Undesired residual light on the projection surface is thus entirely eliminated, while the device remains operational and ready for use at all times. The ideal solution e.g. for intermissions during presentations or when using several projectors in rotation.

Lights out at the touch of a button, and yet the device is ready for use straight away.

- If the displayed image needs to be interrupted for a certain period, the projector beam can be completely blocked with the touch of a button by the mechanical shutter.
- A heat-resistant metal plate inside the projector slides directly over the light source. This means that residual light on the projection surface is entirely eliminated and the person giving the presentation is not dazzled.
- During this time, the projector remains switched on. By pressing the 'SHUTTER' button again, the speaker can immediately continue with the presentation.
- The user can program the timer function to switch off the projector at a specific time after the shutter has been closed, in order to prevent the device from remaining unintentionally operational.
- This function is integrated into the models PLC-XM100L, PLC-XM150L, PLC-XP200L, PLC-WF20, PLC-XF71, PLC-XF1000, PLC-XTC50L, PLC-WTC500L, PDG-DHT100L as well as PDG-DET100L.
- The shutter function is ideal for presentations, the shows and events industry, in cinemas when switching between advertising and the main feature and in fact wherever projection must be interrupted briefly but quickly and without residual light.



Shutter function off



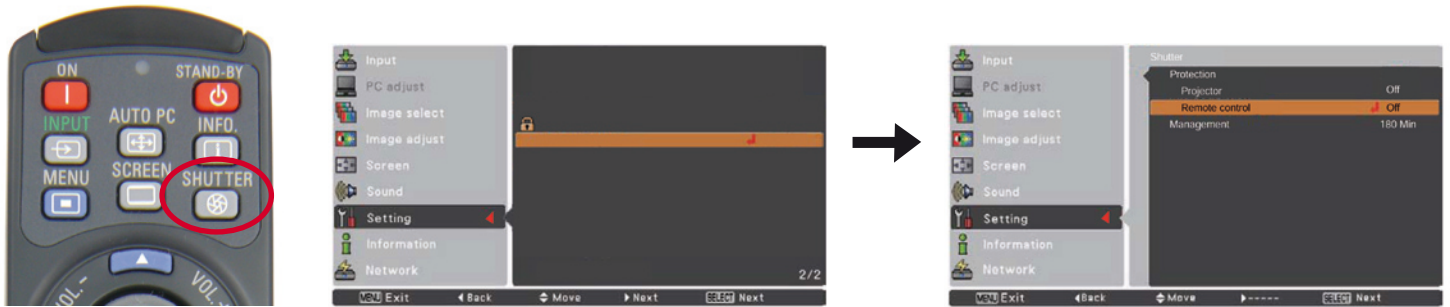
Shutter function on



Following a presentation, or during breaks in presentations, the mechanical shutter completely blocks the projector beam, eliminating residual light and reflections on the screen.

From light to total darkness in an eyeblink: it really is that simple.

During a presentation, the bezel can block the beam or re-expose it when necessary – all you need to do is press the 'SHUTTER' button. Additionally, the shutter can be controlled via a serial interface (RS232). The projector continues to run even when the shutter is closed and, if it is not shut down manually, it switches off automatically with help of the pre-set timer.



#### In detail:

- On the projector and on the remote control, you can find the 'SHUTTER' buttons, which are used to close and open the shutter again when pressed.
- If this bezel is closed, the projector display flashes blue. This is an indication that the projector is still operational.
- You can deactivate the function in the projector menu under 'Settings' -> 'Shutter'. After this, the 'SHUTTER' buttons on the remote control and/or housing are locked, in order to avoid an operating error.
- Using a timer, you can decide when the projector should automatically shut down. This is useful if anyone forgets to shut the device down manually. In the menu under 'Settings' -> 'Shutter' -> 'Management', you can select a count-down between 5 and 180 minutes.
- Before automatic shut-down of the projector, the shutter opens and the lamp switches off, in order to allow for complete cooling off.
- When the power indicator turns green, the lamp has cooled down and you can switch it on again using the 'ON/STAND-BY' button if necessary.
- **Note:** When the shutter is closed, automatic lamp switch-off is deactivated.

#### The advantages at a glance:

- With one click, the residual light on the screen is completely absorbed or re-exposed
- If necessary, the presentation can be continued without any delay
- Using the menu, the shutter function can be individually configured or deactivated
- The programmable timer function takes over automatic switch-off of the projector
- The shutter function can also be used for all devices with a 360° installation, for example in the shows and events industry