

# Procédés Hallier Innovation & Technologie

## ► Bluetooth steering



### Procédes Hallier Bluetooth solution modernises lighting management in museums:

each spotlight **becomes communicating** and can be **controlled individually**,  
from a smartphone, a switch, a detector or a program.

No need to run new cables for this light management,  
everything is done by bluetooth waves, in an open ecosystem.

Bluetooth, well developed technology enables intelligent wireless lighting  
to be used in a room or several hundred square meters space.

- > **Integrated and wireless solution** usable on existing installations  
(single circuit or 3-circuit rails, backplate, ...)
- > **Autonomous management** with bluetooth sensors (presence detector, light intensity, humidity, ...) or manual control by application or wireless switch
  - > **Improve the museum visit experience** with dynamic lighting
  - > **Control brightness** on art works in real-time to optimize conservation
- > **Access to the light intensity of the spotlights**, and their **operating time**, in real-time

A tool at the service of professionals



Made in France

D e s i g n e r - M a n u f a c t u r e r

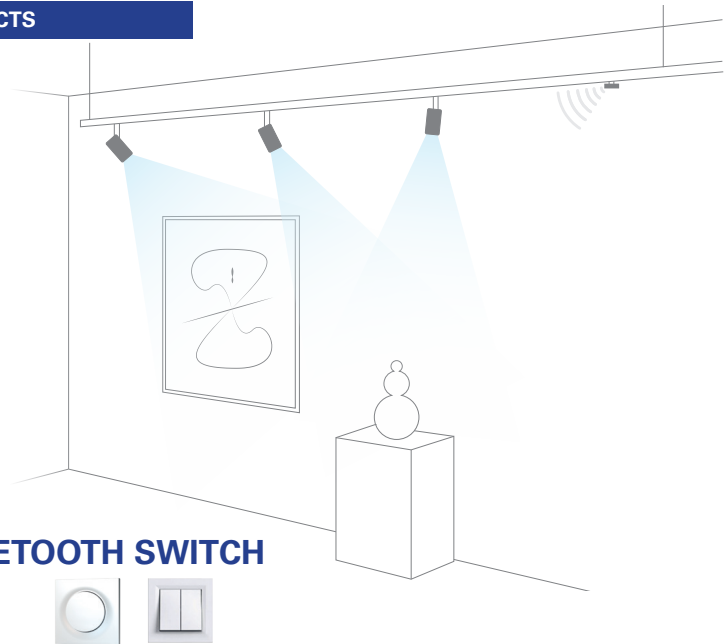
[www.procedeshallier.fr](http://www.procedeshallier.fr)





## Bluetooth steering

COMPATIBLE WITH ALL OUR PROCEDES HALLIER PRODUCTS



3 PILOTAGES  
BLUETOOTH  
POSSIBLES

### 1 IPHONE

Light intensity variation from 0% to 100% projector one by one



### 2 WIRELESS BLUETOOTH SWITCH

(wireless EnOcean switch programmed according to your needs by PROCÉDES HALLIER with confirmation order)

Light intensity variation from 0% to 100% of a group of projectors



### 3 COMPUTER WITH BLUETOOTH USB KEY



(free download programming software, programming by yourself\*)

#### Define a program:

Variation of light intensity according to days and schedules

#### With presence detector:

Programming projectors according to the detection of the presence of visitors (energy saving)

#### With light intensity detector

For the conservation of the art works:

Variation of the luminous intensity of projectors on a art work thanks to a detector (placed next to the art work)

> such as sun, clouds, dark day, night...

\* Programming assistance on request:

> for a programming at Procédes Hallier factory : invoicing per hour according to the quantity - 100 € HT / hour

> for on-site programming: quote on request



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