

# IR Pad

## SensoPad

### Sensors



#### IR Pad – Infrared motion sensor

The IR PAD unit is a proximity motion sensor, an accessory unit devoted to a discreet triggering of audio or video files or any product with a contact input within a scenography context.

Its tiny size and its fixing system with a threaded part with a nut allow an easy integration in any type of material.

Its options of use are various, while always being not much visible.

Directly connected to an input contact, the IR PAD tracks down any movement in a 100° angle over a 3 m distance, for a precise triggering.



#### SensoPad – Interactive touch sensor

The Senso PAD is a touch-sensitive button that allows the triggering, through a material, of playback files thanks to an input contact. As an example the touch-sensitive button Senso PAD can play audio or video files of the players.

The Senso PAD is a proximity touch sensor that does not require a direct contact. Stuck onto an insulating surface, the presence of a finger is detected through the material (wood, glass or any insulating materials).

The reach of detection relies on the size of the electrode (that allows a detection up to 2 cm) and on the kind of support. The SensoPad is an invisible touchsensitive button onto wood and makes a glass surface become interactive.



waves system

#### USE CASES:

##### • IR Pad:

- Motion sensor in **public spaces** (museums, theme parks, stores)

- **Discreet triggering** for **kiosks, automatons, displays...**

- **Triggering of audio/video files** (compatible with the players), **lights, schedulers...**

##### • SensoPad:

- Triggering of **sounds, videos** or **events through an insulating surface**. Replace push buttons

- **Invisible** and **tamper-proof** user interface for **interactive kiosks**

3

years  
warranty

made  
in  
France

## IR Pad

### Caractéristiques

- Infrared motion sensor  
Compatible with players  
(MicroPlayer, NanoPlayer...)
- Output: Open collector transistor  
30v/50mA
- Reach of detection: 3 m
- Angle of detection: 100°
- Power: 7 to 18V DC.
- Low consumption (<100µA in sleep  
mode)
- External diameter: 24mm
- Integration: Length 35mm / M16
- Lens diameter: 10 mm

## SensoPad

- Capacitive touch switch. Compatible  
with players (MicroPlayer,  
NanoPlayer...)
  - Output: Open collector transistor  
30v/50mA
  - Self-calibration on powering on in  
relation to material used
  - Sensing distance: Up to 2cm through  
glass, wood and isolating material
  - Power: 7 to 15V DC - Low  
consumption (<1mA in sleep mode)
  - Film can be cut out as needed to  
increase sensing distance and  
surface
  - Size: 35 x 25 x 12 (mm)
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