

# ACTIVHUB™ CINEMA

Modular infra-red 3D emitter system



## The perfect solution for rooms with 100+ viewers

- No silver screen required, high quality images preserved at all seating positions
- Infra-red emitter for active 3D glasses
- Complete HFR compatibility
- Technology chosen by high-end cinemas around the world
- Adjustable capacity according to room size
- Laser pointer for easy emitter set-up
- 10-year warranty for maximum reliability



## PERFORMANCE

### Recommended installation

Number of seats	400 seats (modular)
Projector type	DLP, DILA
Screen	White - gain 1.0 / 1.2 / ...
Compatible glasses	Volfoni IR 3D glasses

## COMPATIBILITY

### 3D projectors

DCI*	Yes
DLP	Yes
3xDLP	Yes
DILA (JVC, DreamVision, Wolf Cinema)	Yes
3xLCD (Epson, Panasonic...)	No

### 3D sync source

GPIO (3D Cinema)	Yes
BNC	Yes

### 3D Protocols

3D Cinema (IR)	Yes
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### Emission

### Frame Rates

96 Hz HFR & Home Cinema 3D	Yes
120 Hz Sport HFR & 3D-Ready™	Yes
144 Hz Triple Flash 3D Cinema	Yes
192 Hz HFR Full Comfort	Yes

## SPECIFICATIONS

### Power

Supply	24V DC / 110-240V AC
Consumption	10 W

### Certification

CE	Yes
ROHS	Yes

### Qualification

Disney	Yes
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### Infra-red

Wavelength	940nm
IR range	Up to 75 m (246 ft)

### Laser

Power	0.5 mW
Wavelength	650 nm ± 10
Class	IIIa

### Logistics

Operating temperature	0°C to 40°C (32°F to 104°F)
Storage temperature	-5°C to 50°C (23°F to 122°F)
Relative humidity	20% to 80%
Synchronizer dimensions: (LxWxH)	240x110x40 mm (9.44x4.33x1.57 in)
Emitter dimensions: (LxWxH)	360x70x45 mm (14.1x2.75x1.77 in)
Synchronizer weight	340g (11.9 oz)
Emitter weight	440g (15.5 oz)
Warranty	10-years

## PACKAGING

### Composition

ActivHub Cinema (1 synchronizer+ 2 IR emitters)  
 SUB-D37/SUB-D9 cable  
 SUB-D9/BNC cable  
 Universal mount fastening  
 110/240V power cable  
 Tester  
 User guide

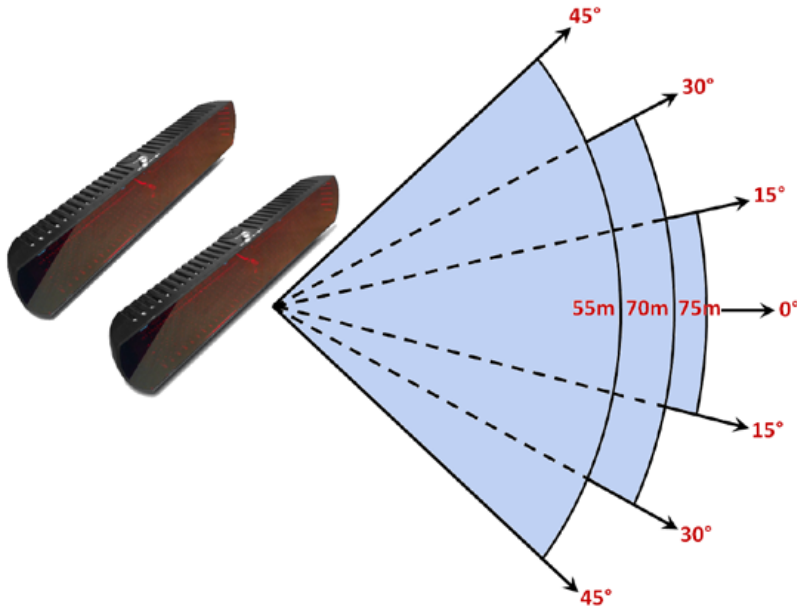
### Weight and Dimensions

Packaging dimensions (LxWxH)	400x200x185mm (15.7x7.87x7.2in)
Packaging weight	3,3kg (116.4 oz)
Order reference	VPES-01000

\* Barco, Christie, Cinemeccanica, Kinoton, Nec

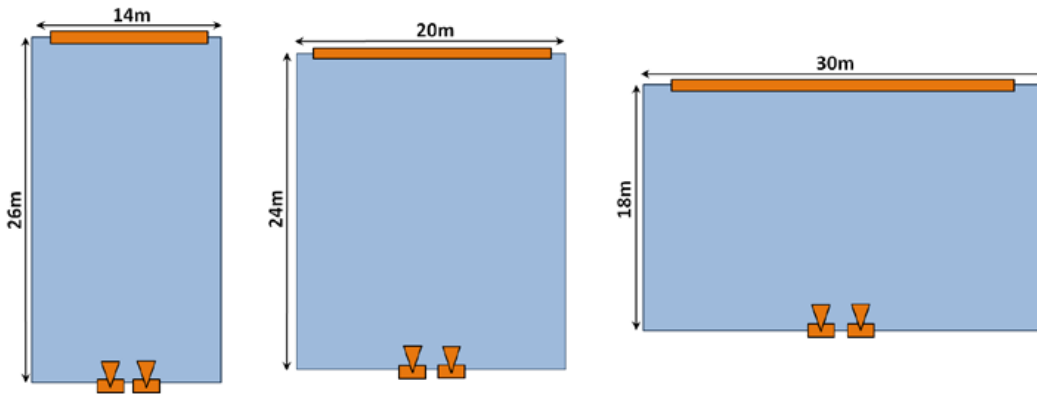


## Wavelength and set-up example



ActivHub Cinema's cables allow for emitter set-up at 6m away from the synchronizer (30m with optional cables).

## Theater set-up informations



The 2-emitter set-up works with theaters up to 400 seats

### Maximum theater sizes when equipped with 2 IR emitters

These measurements are exact when used with Volfoni EDGE 1.2 3D glasses. For all other configurations or further set-up information, please contact Volfoni.