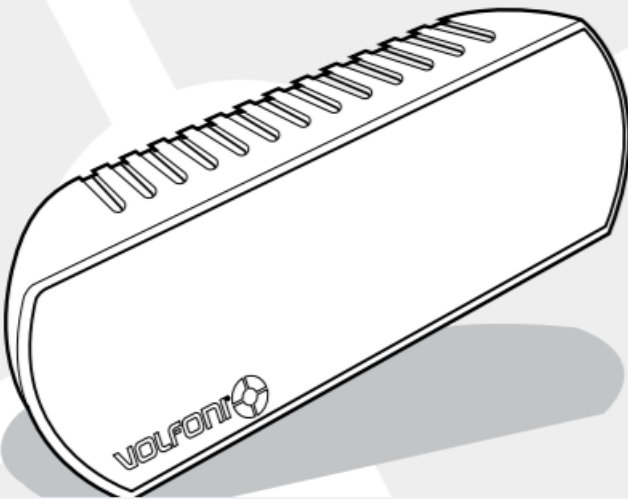


User manual

ACTIVHUB[™] IR50



Model VPES-05000-A

Document : MUV120133-B00 ActivHub_IR50_User_Manual

Compatible with EDGE1.2 glasses (VPEG-01100)

SUMMARY

1. Overview

2. Content / Accessories

3. Product Description

- 3.1 Specification
- 3.2 How to use the ActivHub IR50
- 3.3 Default Room Configuration
- 3.4 System Connection
- 3.5 Technical Specifications
- 3.6 Ceiling / Wall Instructions

4. Warranty

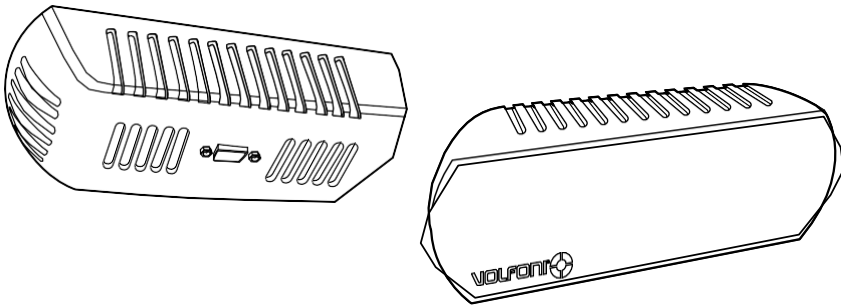
5. Regulatory Standards

6. Contacts

1. OVERVIEW

The Volfoni ActivHub IR50(REF: VPES-05000-A) is a medium sized IR Emitter with a built-in synchronizer. Powerful and compact, the ActivHub IR50 designed for viewing 3D content in a small room, such as a theater or room up to 50 seats, for example.

Thanks to its lightweight design, the ActivHub IR50 allows for greater heat dissipation, meaning longer LED life protection. The kit includes a universal mounting socket for security and is easy to install.



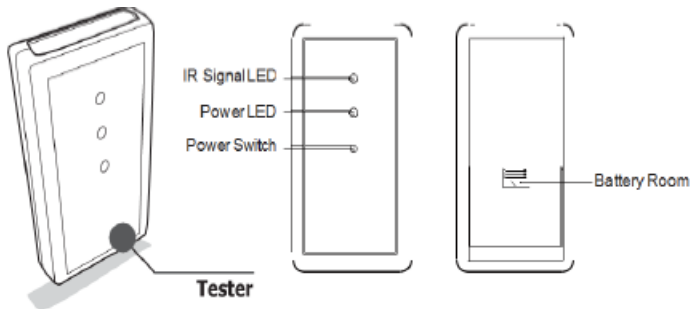
Key points :

- **Volfoni ActivHub IR50 is an infra-red emitter to be used with quality and lightweight active 3D glasses. Please contact Volfoni or your distributor to get information about available active 3D glasses.**
- **Cost saving solution for auditoriums up to 50 seats.**
- **Quick and easy set-up with any projectors with VESA or BNC 3D Sync out.**
- **With no silver screen required, image quality is preserved at all seating positions.**

2. CONTENT / ACCESSORIES

The ActivHub IR50 includes:

1. ActivHub IR50
2. 1 SUB-D37/SUB-D9 cable
3. 1 SUB-D9/VESA cable
4. 1 SUB-D9/BNC cable
5. 1 Universal mount fastening
6. 1 Power supply adapter
7. 1 Power supply cable
8. 1 Activ 3D glasses tester with 3 batteries

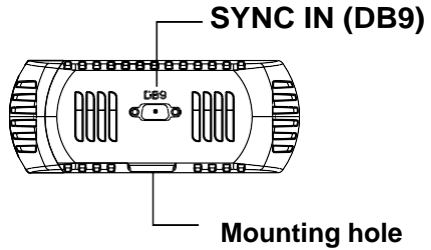
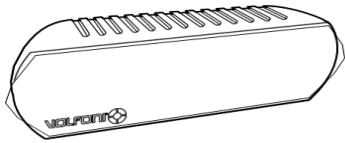


Active 3D Glasses VAIK-0300 is a handy unit to be carried by a cinema technician to check performance of 3D glasses. Turn on the power, then the tester emits low rate IR signal to activate 3D glasses. Working 3D glasses will then show a flickering.

Systems are provided with a new universal mount making installation even faster (installation process is the same as described in section 3.6) :



3. PRODUCT DESCRIPTION

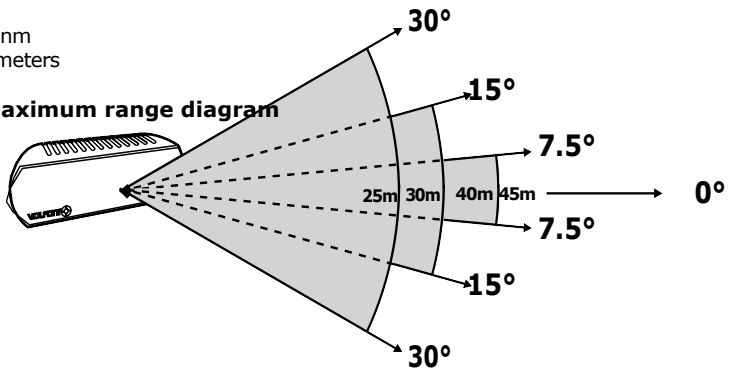


*Power on emitter by using power supply adapter : LED will be off
Connect synchronization cable to emitter: If a signal coming from projector is detected (2D or 3D mode), LED will be fixed red*

3.1 Specification:

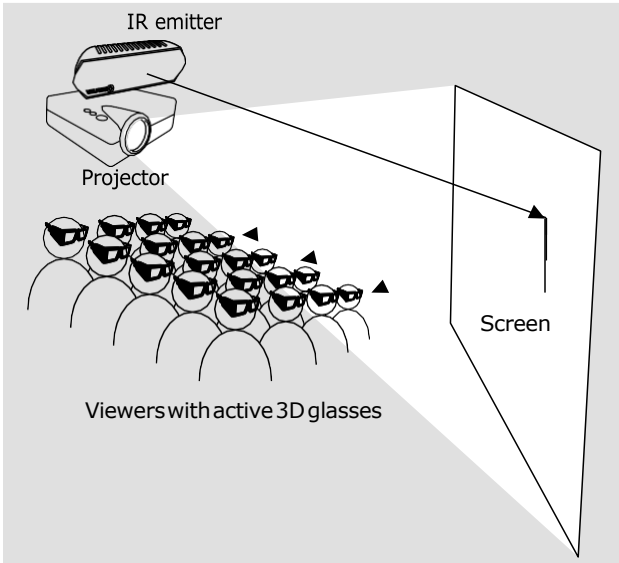
- Power supply : 24VDC, 1A 110-240V Universal Power Adapter
- Dimension : 182 x 70 x 44 mm (14.1 x 2.75 x 1.8 inches)
- Weight : 240 grams
- IR Wavelength : 940 nm
- Max range : Upto 45 meters

Recommended maximum range diagram Top view

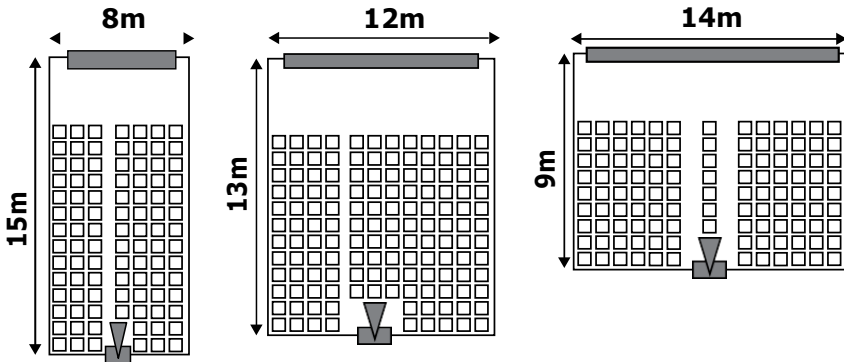


3.2 How to use the ActivHub IR50

The IR Emitter must be facing the screen and connected to the projector for synchronization. The IR Emitter emits the infra-red signal toward the screen. The signal bounces toward the audience wearing 3D active glasses.



3.3 Default Room Configuration

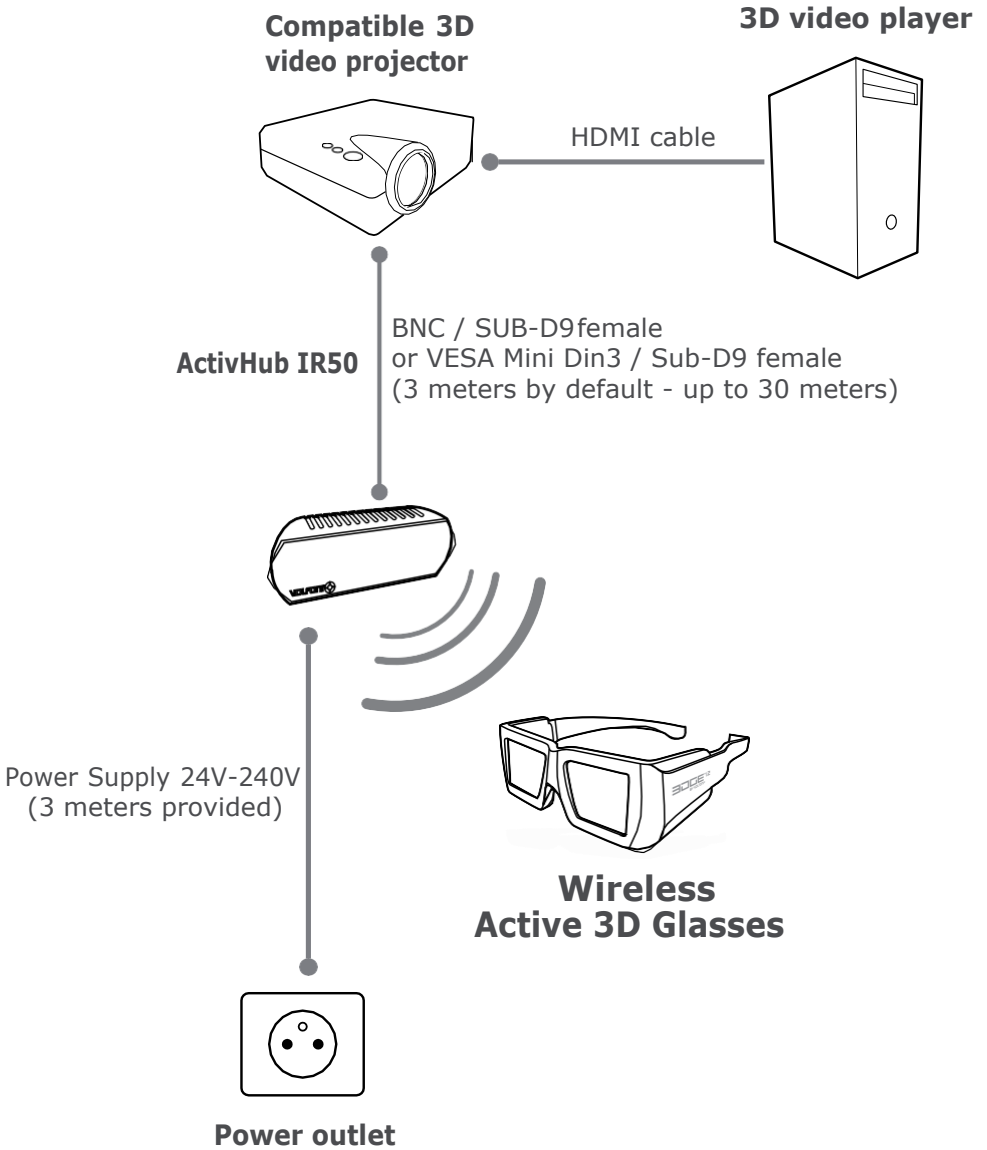


Maximum Size of Movie Theater with 1 ActivHub IR50

For other configurations, please refer to your technical support

3.4 System Connection

The 3D Kit can be connected as shown in the following figure.



3.5 Technical Specifications

Please refer to the following technical board for the digital projector. These parameters are for information purpose only. They may be adapted if necessary.

TECHNICAL SPECIFICATIONS

Fall time	500 μ s
Rise time	1.5 ms
Contrast	> 200 (no ghosting)
Transmission in the clear state	33%
Chromaticity <i>Standard parameters</i>	Color correction not mandatory
EDGE™1.2	
Double flash (4.2)	Darktime: 500 Delay: -320
Triple flash (6.2)	Darktime: 800 Delay: -320
Weight	56 grs (less than 2 ounces)
Battery	Disposable
Autonomy	800 hrs

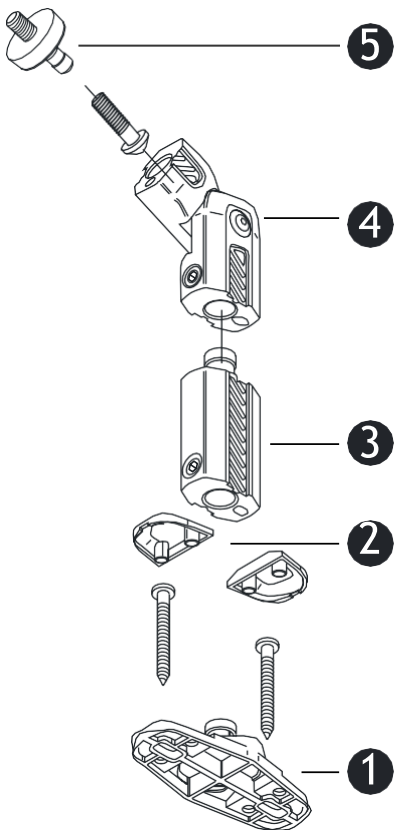
Warning: Depending on your equipment and the room configuration, you may have to adjust these parameters. We recommend that you confine the setup of 3D parameters and color adjustments directly to integrators.

For further information please visit our website www.volfoni.com, or send us an email to support@volfoni.com.

3.6 Ceiling / Wall instructions

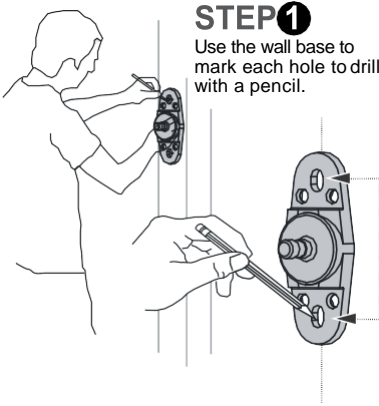
MOUNTING OVERVIEW

Before installing the emitter facing the screen, make sure you have all the needed tools and the instruction manual. This wall fixing part is provided with all the screws and wall anchors you might need. Follow the instructions to fasten this kit.



Parts	Qty	Product description
①	— 2 —	Mounting plate
②	— 2 —	Screw covers
③	— 1 —	Extension
④	— 1 —	Adjusting Knuckle
⑤	— 1 —	Emitter plate

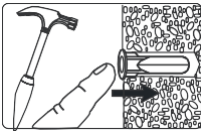
Mounting Instructions (step by step)



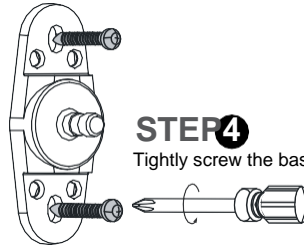
STEP 1
Use the wall base to mark each hole to drill with a pencil.



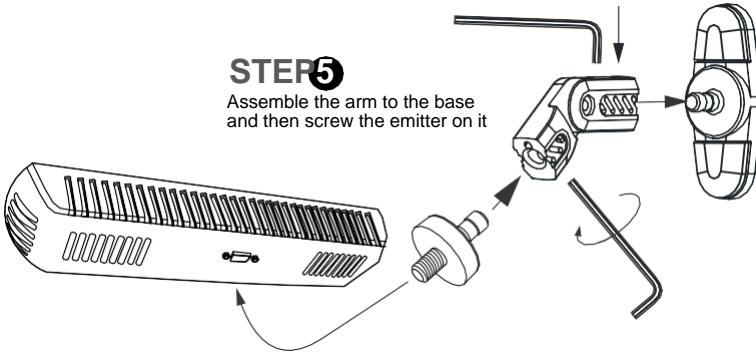
STEP 2
Drill the holes with the given bit (for wood surface only)



STEP 3
Insert wall anchors
(For solid concrete and drywall only)

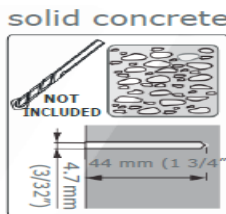
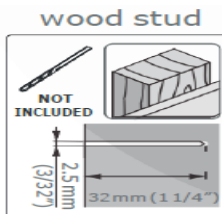
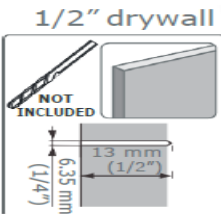


STEP 4
Tightly screw the base to the wall



STEP 5
Assemble the arm to the base and then screw the emitter on it

Wall types and holes sizes



4. WARRANTY

The ActivHub IR50 is warrantied to the original purchaser for three years according to local legislation. Infra-red emitter and cables should be returned in original box along with original proof of purchase. Infra-red emitter which are broken or scratched are not covered.

Emitter : « Volfoni does not cover uninterrupted or error-free operation of the product under warranty ».

5. REGULATORY STANDARDS

European Union – Disposal Information

According to local laws and regulations your product should be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities.

Some collection points accept product for free. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interferences that may cause undesired operation.

CE Certification

This device complies with CE Certification.

Electrical Safety (IEC 60950-1)

This device complies with IEC 60950-1

6. CONTACTS

Distributed by Volfoni SAS

2474, RD 6007
Le Logis de Bonneau
Les Bureaux du Parc
06270 Villeneuve-Loubet
France

Distributed in Spain by Volfoni Iberia

4, Ronda Guglielmo Marconi
46980 Paterna (Valencia)
Spain

Distributed in US by Volfoni INC

3450, Cahuenga Bd West.
Unit 504
Los Angeles, CA
90068 – USA

Commercial support

contact@volfoni.com
www.volfoni.com
support@volfoni.com