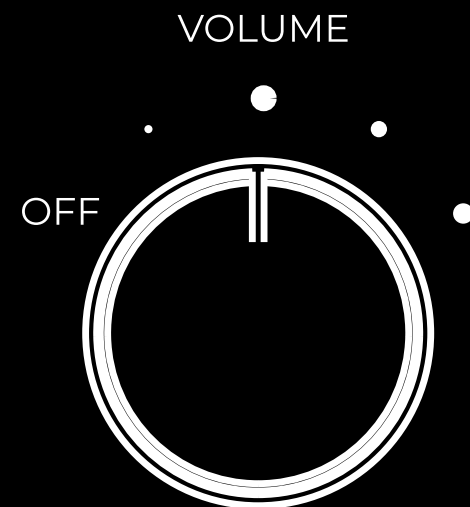


# INTEGRAL-VC1

## User manual



SOUND WITH SOUL

[www.dasaudio.com](http://www.dasaudio.com)

## **DAS Audio is a unique brand. We create sound solutions for businesses, always adapted to the different needs of our clients.**

The Integral Series is the heart and brain of our installation solutions. It comprises of a series of devices that in addition to feeding and processing the signal of our speakers, allow an absolute control to our users, guaranteeing the protection and quality of the equipment.

You are about to discover what it means to work with our brand, and this is just the beginning. You will have access to quality training materials on our website, where you will discover specific business solutions and learn how to use them: [dasaudio.com/en/training/](https://dasaudio.com/en/training/)

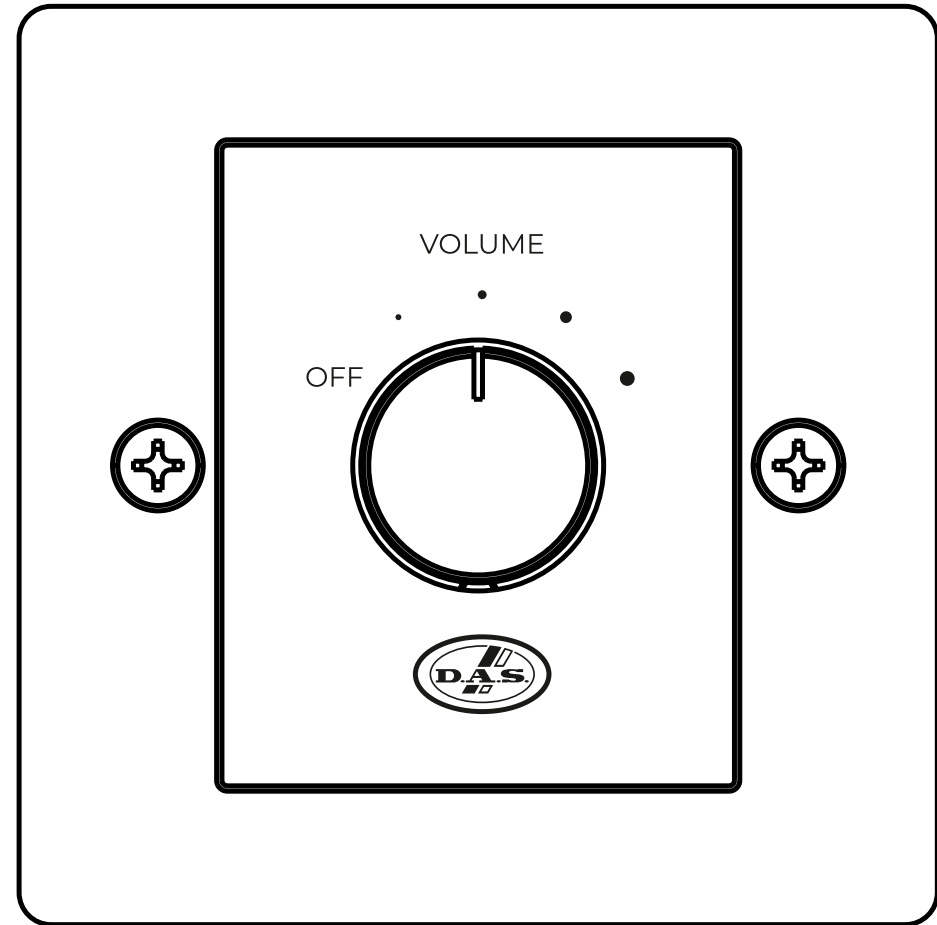
This user manual is designed to guide you, swiftly and smoothly, during the installation of our equipment, but in case you have any questions or doubts, do not hesitate to contact our technical support team by writing directly to [support@dasaudio.com](mailto:support@dasaudio.com) or, if you prefer, through our website, contacting your nearest office at [dasaudio.com/contact](https://dasaudio.com/contact)

# INTEGRAL

## Description and features

INTEGRAL-VC1 is a 100V volume control capable of handling power up to 120W. The volume is adjustable with a rotatable selector in 5 steps of -6dB each. It is equipped with a relay and separated input for the reception of 24V priority signals. When a priority signal is sent to the controller, the volume will be automatically switched to the maximum level. This is a very useful tool for emergency and evacuation purposes.

- To be used with 100V / 70V lines
- Maximum Power Handling 120W
- 24V relay included for priority / emergency messages
- Rotatory 5 position selector (minimum = OFF)
- 86 x 86 mm electrical box included



## INTEGRAL

### Front panel

1 Rotatory selector. 5 positions:

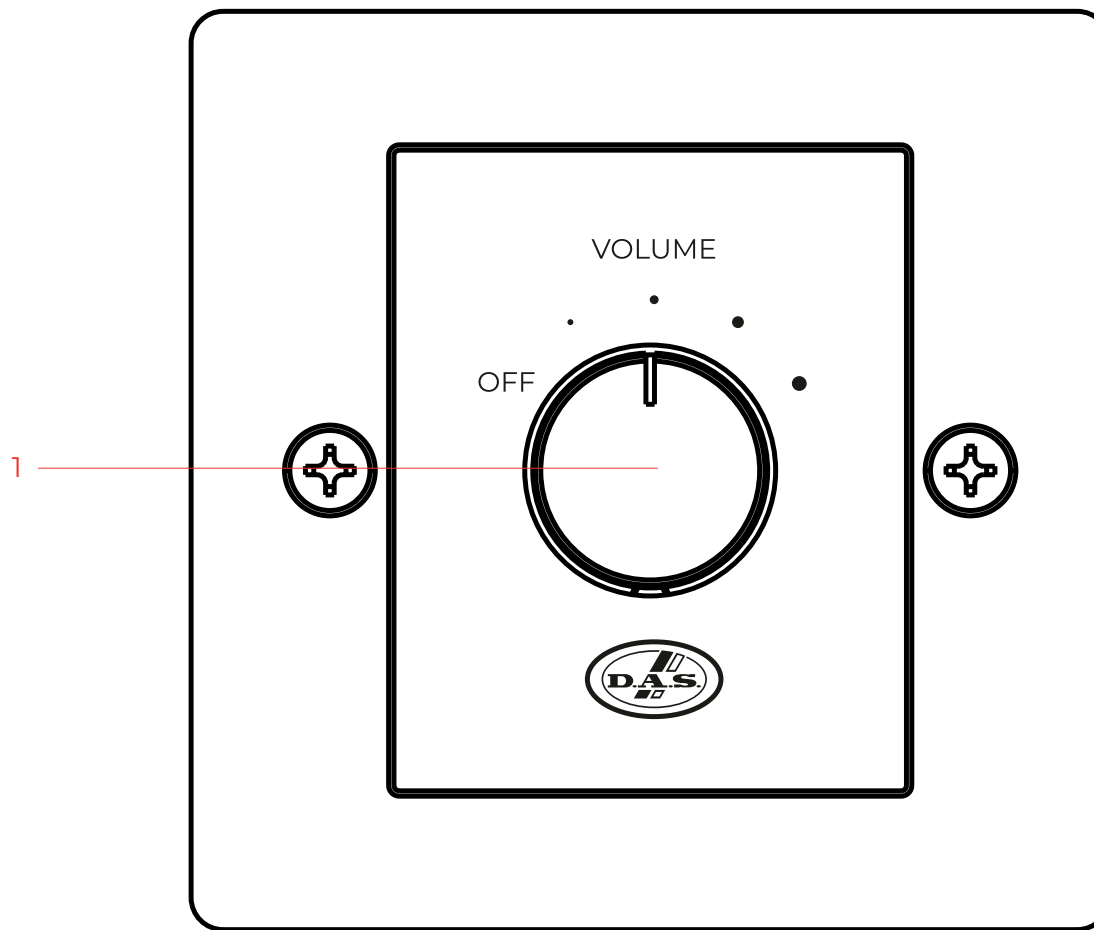
1.1 OFF

1.2 -18dB

1.3 -12dB

1.4 -6dB

1.5 0dB



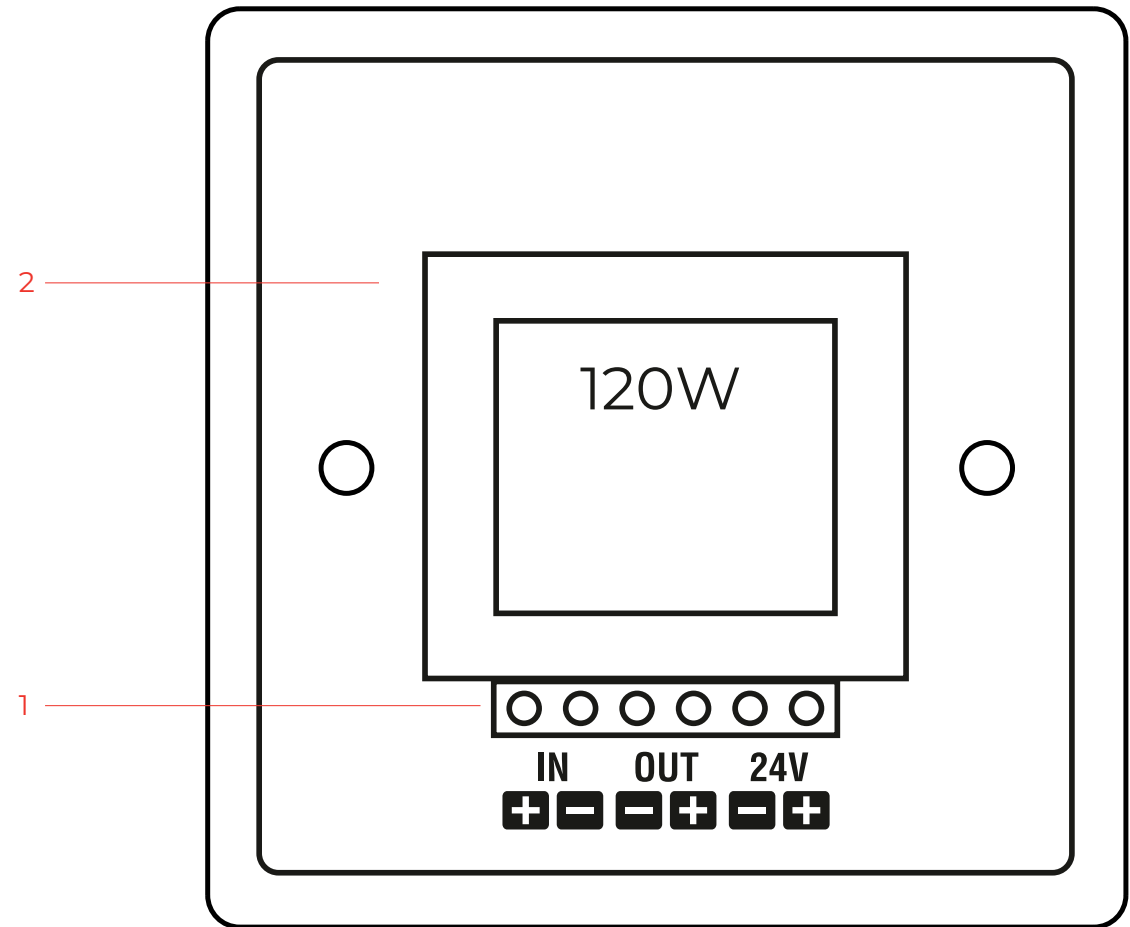
## INTEGRAL

### Rear panel

#### 1 Main Connector. Pin Assignment:

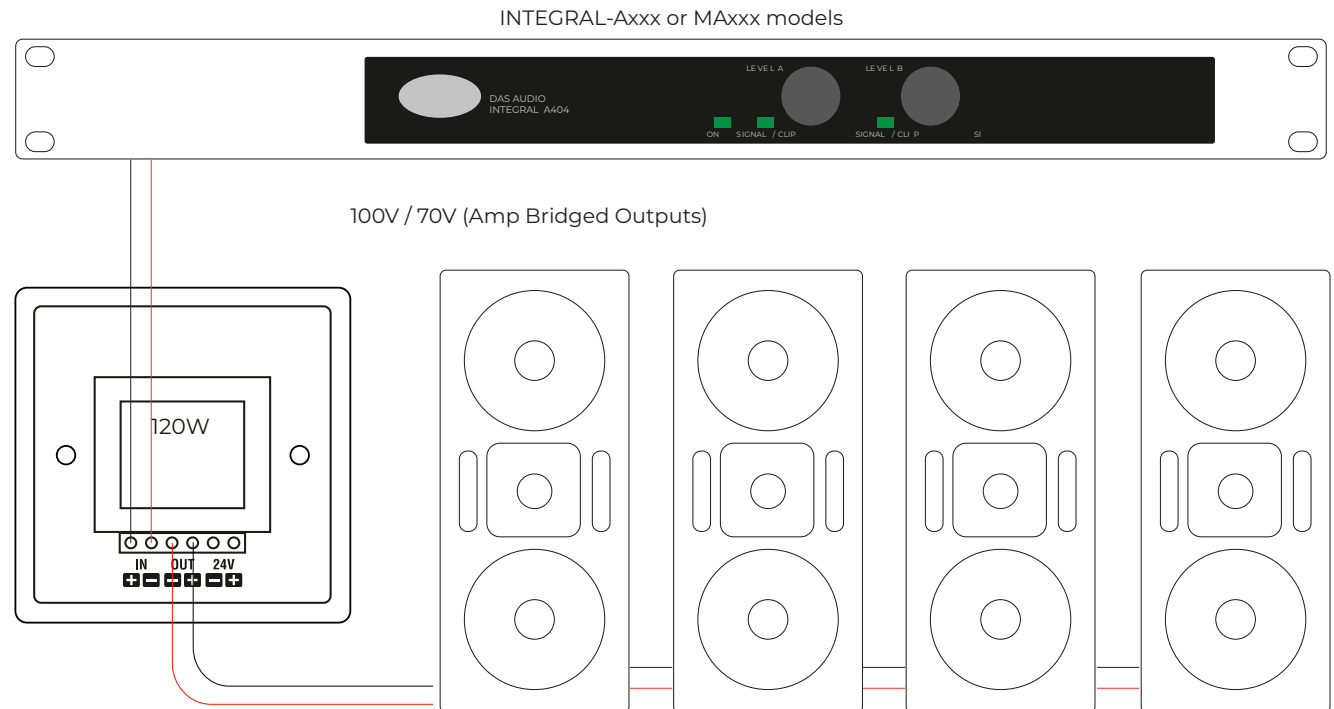
- 1.1 Input terminals (+,-) to connect cabling from amplifier's output
- 1.2 Output terminals (+,-) to connect the line of speakers
- 1.3 24V terminals to activate the emergency relay

#### 2 120W transformer



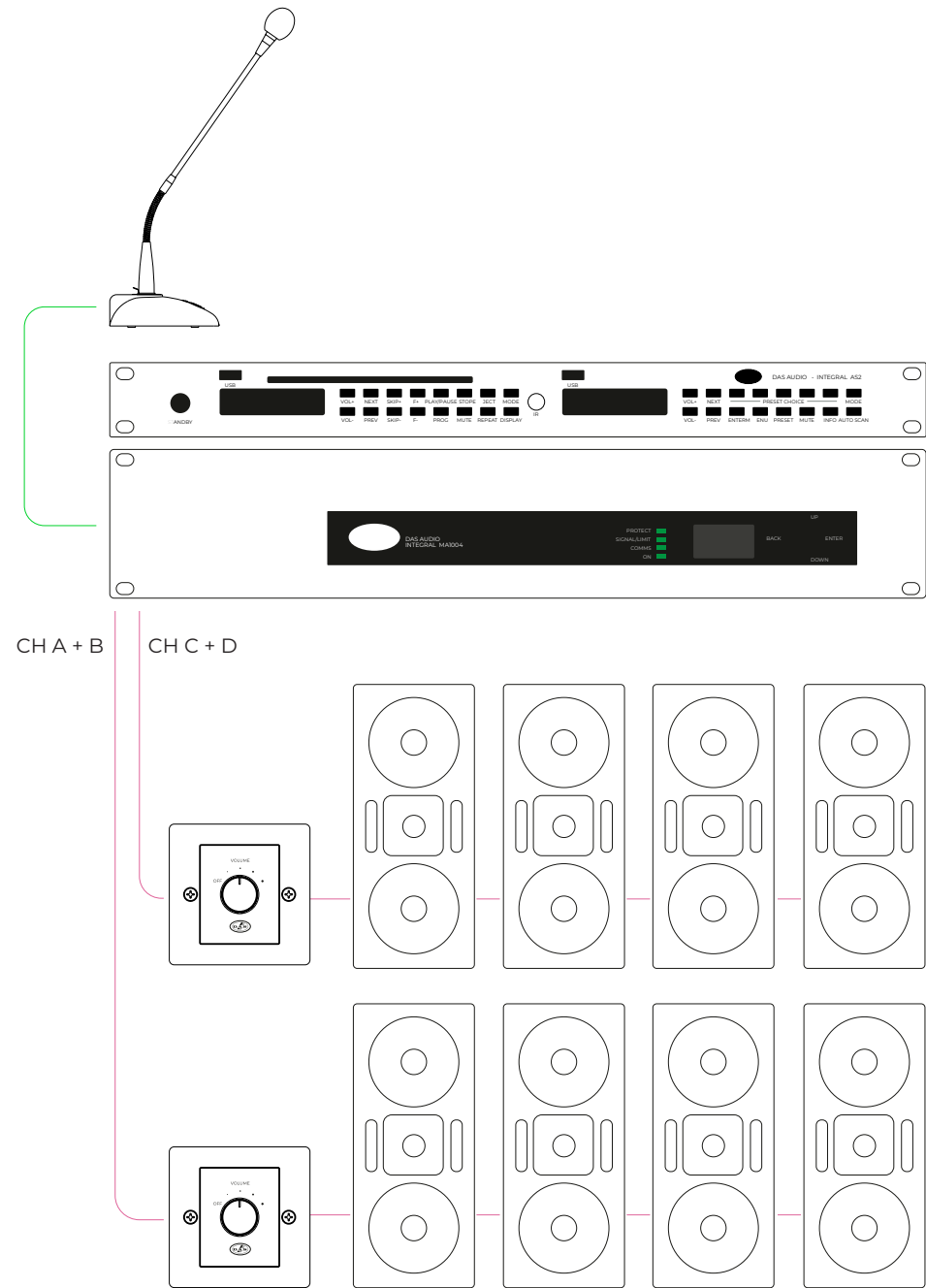
## INTEGRAL Connections

Shown in the following image an INTEGRAL-VC1 controller connected to an INTEGRAL-Axxx amplifier delivering on bridge mode 100Volts. In this case the VC1 has been connected to 4 x Arco-24T systems, each one configured at 30W.



## INTEGRAL Connections

A more complex system is shown in the following image. There is a paging microphone connected to an INTEGRAL-MAxxxx model with priority selection. A background music program is provided by the INTEGRAL-AS2 audio source.

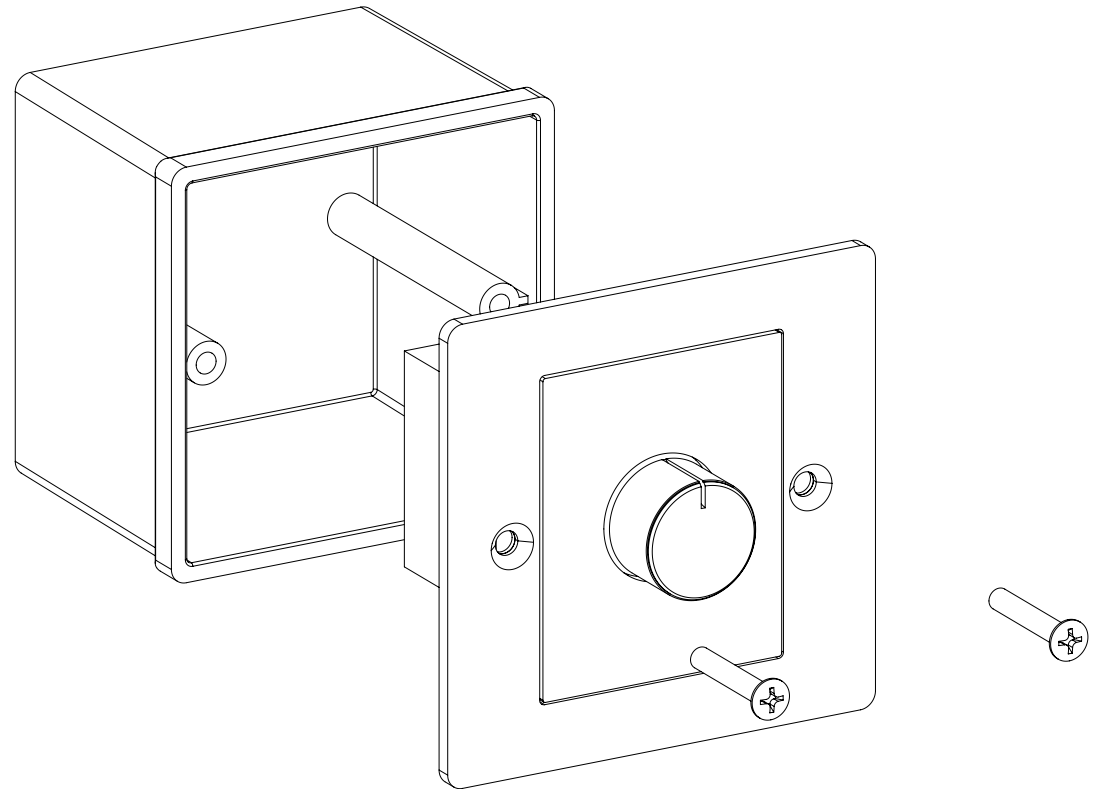


## INTEGRAL

### Installation

With each unit an electrical 86 x 86 mm box is included. Contact a professional installer or authorized dealer for the mounting process.

- Cut a squared hole in the wall to place the electrical box.
- Place the electrical box and fix it to the wall. Previously all cabling has been installed in the wall with sufficient length to provide proper stress relief. Use flexible cables.
- Run the cables out of the wall thru the electrical box.
- Connect the cables to the screw connector located at the back plate of the VC1 following the pin out previously described.
- Fix the unit it to the electrical box with the provided M4x25 screws.





# INTEGRAL

## Specifications

Power Handling

120W

Frequency Response

20Hz – 20kHz

Attenuation

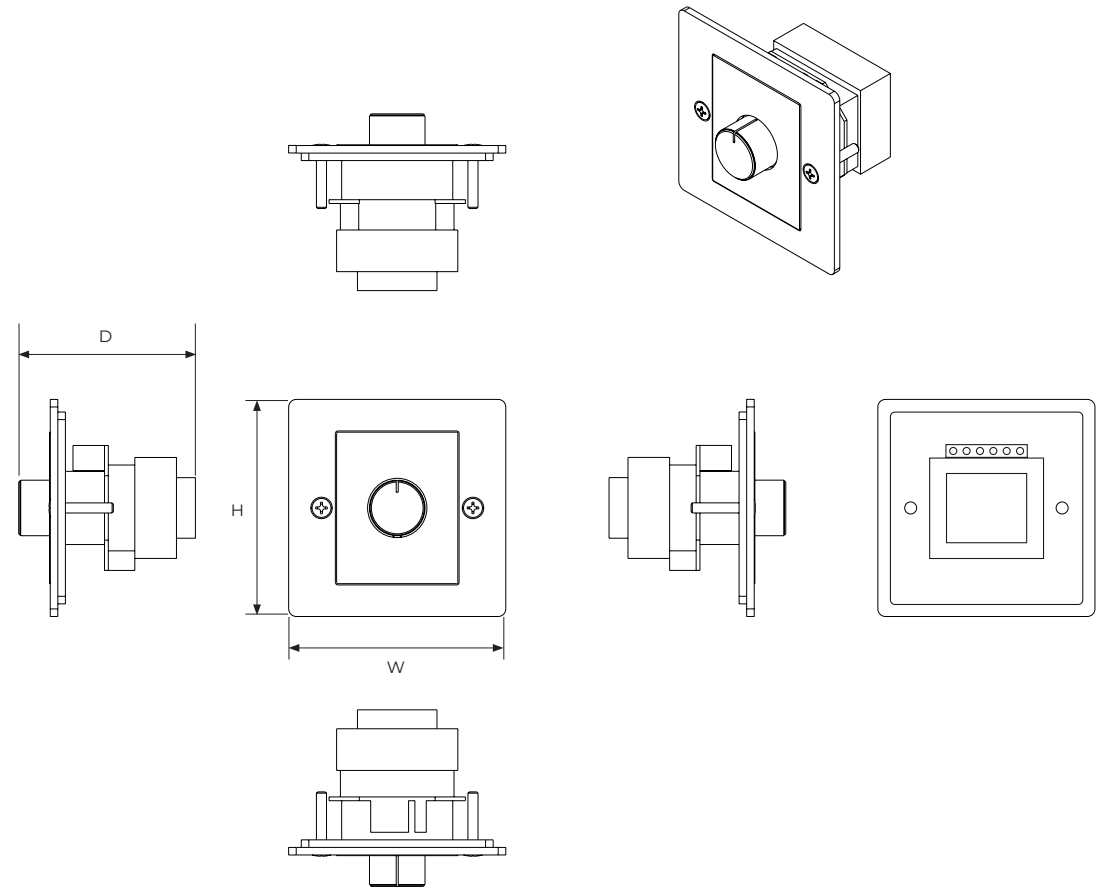
OFF  
-18dB  
-12dB  
-6dB  
0dB

Dimensions (H x W x D)

86 x 86 x 52mm  
(3.38 x 3.38 x 2 in)

Weight

530g (1,16845 lb)





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