



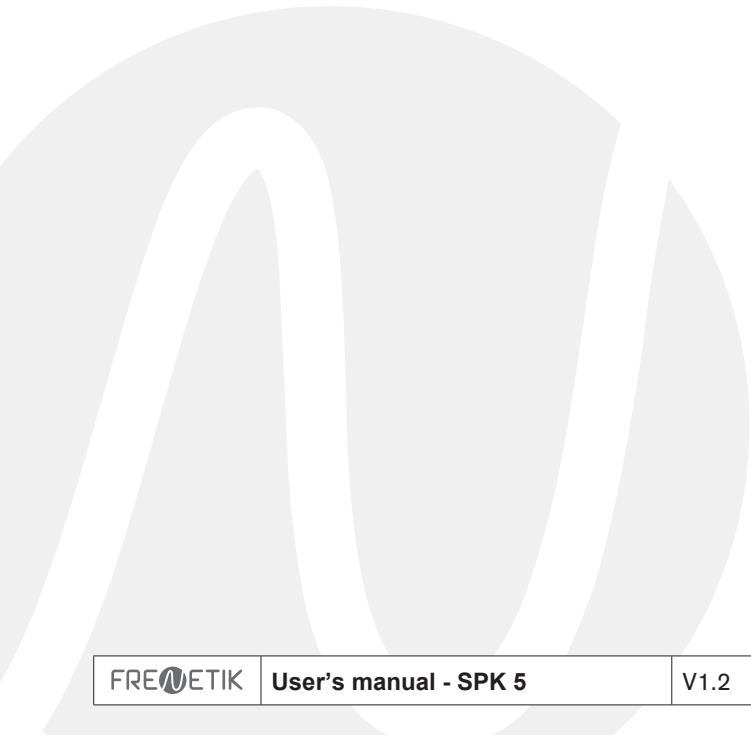
# SPK 5

5" coaxial  
2-way powered speaker,  
Dante™ PoE+

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User's manual





## SPK 5 - USER MANUAL

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## 1. Carton Contents

- 1 SPK 5 speaker
- 1 bracket
- 1 user manual

## 2. Connection

For connection to a Dante™ network, connect the RJ45 socket, with a Cat 5 or Cat 6 network cable, to an Ethernet Switch, accepting a minimum 100 Mbit/s Fast Ethernet link speed. The connection is also used to power the speaker via the network using PoE (Power over Ethernet) technology. A PoE switch or PoE injector must therefore be used. To achieve full power, a PoE+ power supply according to the IEEE 802.3at-2009 «PoE+» standard must be used.

## 3. Configuring a Dante™ Network

- 1) Start the Dante™ Controller software.
- 2) Wait until devices visible on the network appear in the software matrix. Note: If a device does not appear, there are several possible reasons including :
  - the device is not switched on/powered
  - the device is in another subnetwork
  - the device cannot be synchronized with other Dante™ devices

For either of the two reasons listed last, the Dante™ device must be visible at least in the Network View under the «Device Info» or «Clock Status» tab. Stopping and then restarting the speaker could be a quick fix to the problem. Further information can be found in the Audinate Dante Controller manual.

- 3) From the Dante Controller menu bar, select «Device / Device View» or press the Ctrl+D key combination. The «Device View» window will appear.
- 4) From the drop-down menu below the menu bar, select the speaker to be configured.
- 5) In the third tab «status», various information about the device is available.
- 6) Click the «Device Config» tab. If necessary, adapt the «Sample Rate» to that used in the network Dante™ (all devices must have the same sample rate in order to work together).
- 7) In the «Rename Device» field, you can change the name used for the device in the Dante network for better identification. Confirm any changes by pressing the «Apply» button.
- 8) From the «Network Config» tab, you can, if necessary, change the network settings for the Dante™ interface of the speaker.

## 4. Routing with the Dante™ Controller

In order to configure the audio streams you need to :

1) In the main window, in the «Routing» tab, open the channels of the transmitter device on the right «Dante™ Transmitters» and the channels of the receiver device under «Dante™ Receivers» by clicking on the + buttons.

2) Click on the intersection point between the transmitter channel and the receiver channel.

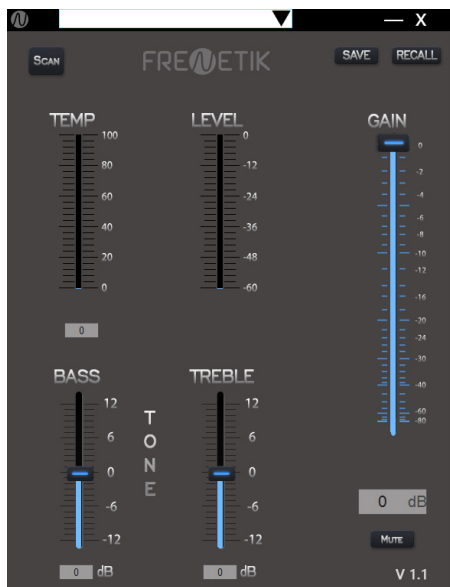
3) Wait until the field displays a green circle with a white check mark. For other connections, repeat these three points. A User Guide in English for the Dante Controller can be downloaded from the Audinate website:

<https://www.audinate.com/resources/technical-documentation>

## 5. Control and monitoring software

It is possible to download Frenetik Dante™ PoE+ loudspeaker control and monitoring software. The Frenetik software allows you to monitor the temperature and level of the amplifier. It also allows you to adjust the level of the loudspeaker as well as to apply an equalization on the treble or bass. To save these settings, press the «SAVE» button. The «RECALL» button allows you to return to the original configuration.

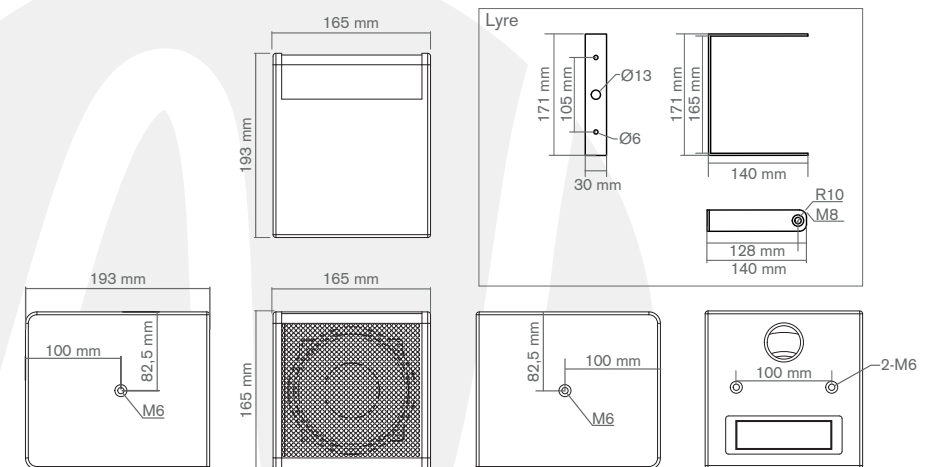
**The software only works on Windows 7 and higher.**



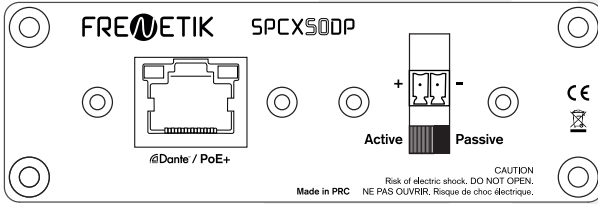
## 6. Technical Specifications

<b>Ref.</b>	SPCX50DP
<b>Type / number of channels</b>	2-way coaxial loudspeakers
<b>Power (passive mode)</b>	60 W (8 ohms)
<b>Amplification</b>	25 W (classe D)
<b>Dante™ Receiver</b>	1 (16 / 24 / 32 bit - 44,1 to 96 kHz)
<b>Size of HP</b>	1 woofer 5" 1 tweeter 1"
<b>SPL peak capacity (1 m)</b>	112 dB
<b>Bandwidth (-10 dB)</b>	95 Hz - 20 kHz
<b>Directionality (H x V)</b>	100° x 100°
<b>Connectivity</b>	1 x RJ45, Euroblock connector
<b>Insert</b>	4 x M6
<b>Dimensions (H x L x P)</b>	165 x 165 x 193 mm
<b>Weight</b>	2,5 Kg
<b>Power supply</b>	PoE+ (IEEE 802.3 at)
<b>Certification</b>	CE

## 7. Dimensions



Dimensions

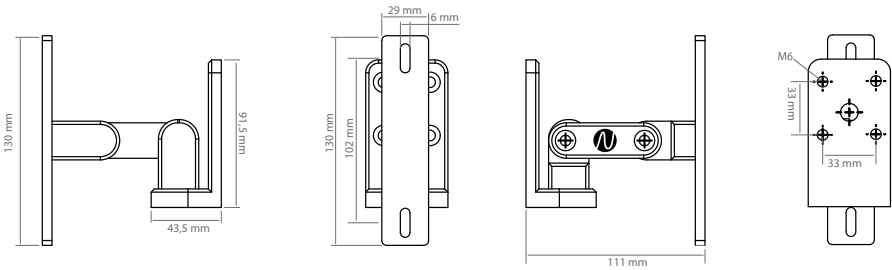
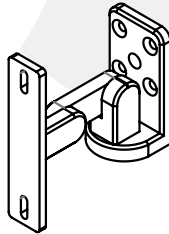


Connectique avec switch du choix de mode de fonctionnement : actif (Dante™ - PoE+) ou passif (8 ohms)

## 8. Optional accessory

### SPK Mount

3-axis wall / ceiling mounting (available in black or white): WMB / WMB-W





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