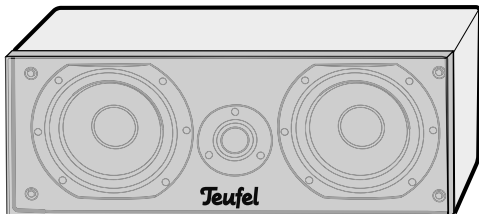


# Technical Description and Operating Instructions



**VT 12**  
**Center speaker**

**Teufel**  
... makes you happy

## General notes and information

### Proper use

Only use the device as described in these operating instructions and the enclosed quick guide. Any other use will be deemed as not in accordance with the instructions and may lead to damage of property or even persons. The manufacturer accepts no liability for damage caused by use not in accordance with the instructions. The unit is intended for private use.



Before operating the speakers please read the safety notes and operating instructions carefully. This is the only way to use all functions safely and reliably. Keep the operating instructions safe and pass them on to anyone who may own the unit after you.

### Notice

The information in this document may change without prior notice and in no way constitutes any liability on the part of Lautsprecher Teufel GmbH. No part of these instructions may be reproduced in any form or be broadcasted in any way electronically, mechanically, by photocopy or recording without the written permission of Lautsprecher Teufel GmbH.

### Original packaging

If you wish to exercise your eight-week right of return, we ask that you be absolutely sure to hold onto the packaging. We can only accept the return of a device WITH THE ORIGINAL PACKAGING. Empty boxes are not available!

### Complaints

In case of a complaint we implicitly need your invoice number and the serial or lot number for processing. The serial number can be found on the back side of the device.  
Many thanks for your support!

### Contact

For questions, suggestions or criticism please contact our customer service department:

Lautsprecher Teufel GmbH  
Gewerbehof Buelowbogen  
Buelowstrasse 66  
10783 Berlin (Germany)

**Phone 00800 - 200 300 40 (free of charge)**

**Fax: +49 (0)30 / 300 930 930**

**E-mail: [servcie@teufelaudio.com](mailto:servcie@teufelaudio.com)**

**[www.teufelaudio.com](http://www.teufelaudio.com)**

## Safety notes

### Caution icons

You will find the following caution icons in these instructions:



**High risk!** Failure to observe the warning may result in severe personal injury or death.



**Moderate risk!** Failure to observe the warning may result in property damage.



**Minor risk!** Points which should be observed when handling the unit.

### Danger Danger to children!



Children can become trapped in the packing film when playing and suffocate.

- Do not allow children to play with the unit or the packing film. Danger of suffocation.
- Ensure that children do not remove small parts from the unit or take them off of the unit (e.g. control knobs or plug adapters). They could swallow the parts and choke. Never allow children to operate electrical devices unsupervised.

**Danger to hearing!**

Loud noise may lead to hearing loss. This may have mental consequences and also cause physical injury. Children and pets are particularly at risk.

- Set your signal source unit volume control to a low setting.
- When the volume is set high, always keep a certain distance from the unit and never place your ear directly on the speaker.
- Prevent damage to health and avoid extended listening at high volume.

**Attention Fire hazard!**

Improper use of the device may lead to damage or fire.

- Do not place open flames such as burning candles or similar on the unit.
- Ensure sufficient ventilation.
- Do not place the unit in direct sunlight.
- Only use the unit in indoor areas.
- Do not use the unit in damp areas and protect it from drops of water and splash water. Also take care not to stand vases or other containers filled with liquid on or near the speaker in order to avoid liquid getting into the case.

**Danger Danger of injury/damage!**

Incorrect location may result in damage.

- Never use the units unmounted in vehicles, in unstable locations, on wobbly tripods or furniture, on insufficiently dimensioned brackets etc. The speakers could tip or fall down and cause injury to persons or be damaged.
- Set up the speakers so that there is no risk of them tipping over and the cables don't represent a tripping hazard.
- If mounting the speakers on the wall, make sure that the installation is carried out expertly.
- Only use suitable wall holders to mount the speakers. Verify the carrying capacity of the walls.
- Do not place the unit near sources of heat (e.g. heaters, ovens, other heat generating equipment such as amplifiers etc.)

## Technical data

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|                         |                    |
|-------------------------|--------------------|
| Impedance:              | 4–8 Ohm            |
| Dimensions (W x D x H): | 435 x 198 x 155 mm |
| Net weight:             | 5 kg               |

Technical changes reserved!  
You can find further technical data on our website.

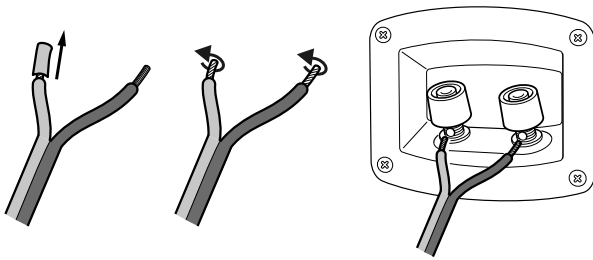
## Connecting

### **Danger** Danger of injury/damage!



Arrange the cables so that they do not pose a trip hazard.

- Pull the power plug of your AV receiver or multi-channel active subwoofer out of the socket.
- Lay the speaker cables from your AV receiver or multi-channel active subwoofer to each speaker. These cables should be high-quality double-wire speaker cable with marked strands. The cross-section should amount to at least 0.75 mm<sup>2</sup>.
- A connector comprising two terminals is located on the back side of each speaker, to which you have to connect the speaker cables.
- The terminal clips are each marked red (+) and black (-).



### **Make sure the polarity is correct!**

Connect the like coloured terminals. Otherwise, the sound quality will suffer.

The speaker connections of your AV receiver or multi-channel active subwoofer should be marked similarly. The strands of the speaker cables are marked with different colours or shapes.

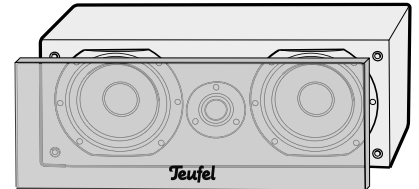
1. Split the single wire down to approx. 30 mm on both ends and strip approx. 10 mm of insulation off of each cord.
2. Twist the stripped single wire ends together so that no wire protrudes. Tin coating is not necessary.
3. Turn the connector terminal counterclockwise until loose. Run the stripped cable end into the now visible hole. Close the terminal by turning it counterclockwise. The cable has now been clamped in place.
4. Connect the cables to the other speakers in the same way.
5. Connect the speaker cables to your AV receiver or multi-channel active subwoofer. The operating instructions of the appliance should contain notes on this.

## Crossover frequency

- The optimum crossover frequency for VT 12 speakers on the AV receiver is 100Hz. If possible, set this value on your AV receiver.
- If connecting to a multi-channel active subwoofer, the crossover frequency is automatically provided by the respective subwoofer.

## Removing the protective grids

- You can remove the protective grids from the speakers by carefully reaching behind the protective grid and slowly pulling it off to the front.
- Removing the protective grids improves the playback of high frequencies in particular.
- When reattaching the grids, ensure that the installation pins slide into the corresponding holes on the speaker.



## Setup

The enclosed rubber buffers allow for a safe setup with low resonance. Affix one rubber buffer in each corner of the speaker bottom.

### **Note**

Our website contains comprehensive notes for correct setup.

You can find mounting materials especially adapted to these speakers (cables, speaker stands, wall mount brackets and isolation pads) in our webshop in the "Accessories" area. A threaded hole on the speaker bottom is intended for mounting the VT 12 speakers on a speaker stand. Upon shipment, the threaded hole has a screw inserted, which you will have to unscrew before assembly.

## Cleaning and care

Clean the speakers regularly with a soft, damp microfibre cloth. Please be absolutely sure to observe the following notes in the process:

- If possible, only use plain water without any additives. In case of stubborn marks, a mild soap solution may be used.

- In no circumstances should caustic cleaning products, white spirit, thinners, petrol or similar be used for cleaning.

## Troubleshooting

The following notes and further detailed **information on our website** should help you to rectify malfunctions. If this does not lead to success, please contact our hotline ☎ 00800 - 200 300 40 (free of charge). Please also observe the warranty notes.

| Problem               | Possible cause  | Solution   |
|-----------------------|---|--|
| Playback is noisy.    | In general, the satellite is a very low-noise speaker. In most cases, the speaker system with exceptional resolution in the high range area can expose the poor quality of a signal source (e.g. from MP3 files). | Ensure that the source is sending a clear signal.                      |
| The sound seems dull. | The speakers have been connected with the wrong poles.  | Make sure the speaker cables of all satellites are connected properly. |

## Protecting the environment

### Disposal of the unit



**Used units must not be disposed of with household waste.**

If the unit is no longer operational, every consumer is required by law to dispose of used devices separately from household waste, e.g. at a collec-

tion point run by the communal authority borough. In this way it is ensured, that used devices are properly recycled and that negative consequences on the environment are avoided. For this reason, electrical equipment is labelled with the displayed symbol.



This product conforms with Council of the European Union guidelines 2004/108/EC and 2006/95/EC.

### Lautsprecher Teufel GmbH

Gewerbehof Buelowbogen - Aufgang D1  
Buelowstr. 66, 10783 Berlin (Germany)

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