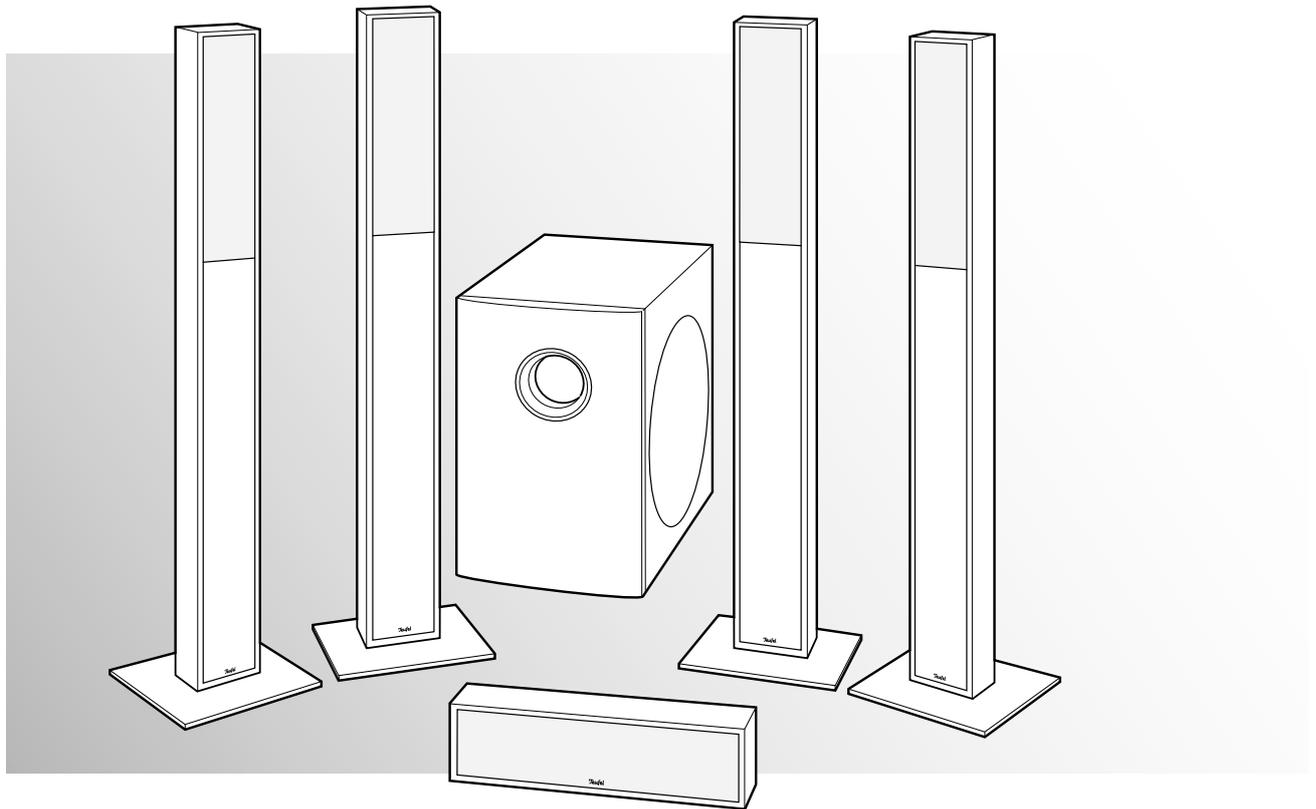


Technical description and operating instructions



Columa 200

5.1 Home theater speaker set
with active subwoofer T 800 SW (packaged separately)

Teufel

Contents

Overview	2	Connecting	6
General notes and information	3	Care and cleaning	7
Safety notes	4	Troubleshooting	7
Assembly	4	Protecting the environment	7
Setup	5	Technical data	8

Overview

Product contents

- ① 4 x satellite speakers
- ② 4 x base plates
- ③ 8 x screws for the speaker stands
- ④ 1 x center speaker

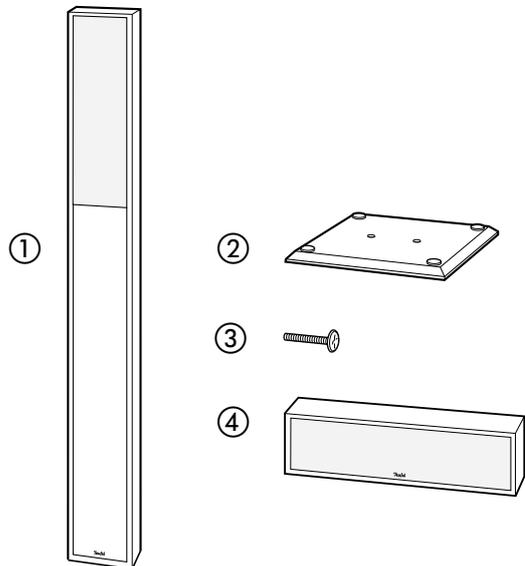
The active subwoofer that corresponds to this 5.1 home theater speaker set is located in a separate box.



Connector cables

Due to differing customer requirements, the Columa 200 series is shipped without connector cables. You can find suitable cables in our webshop (www.teufelaudio.com) in the "Accessories" area.

- Check that all items have been delivered and that nothing is damaged.
- If the delivery is incomplete or you find damage sustained in transit, do not operate the unit but contact our service department (see page 3).



General notes and information

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.

© Lautsprecher Teufel GmbH
Version 1.0
December 2010

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 the speakers WITH THE ORIGINAL PACKAGING. Empty boxes are not available!

Complaints

In case of complaint we will need the following information to process your enquiry:

1. Invoice number

Can be found on the sales slip (enclosed with the product) or on the order confirmation received as a PDF document, e.g. 4322543

2. Serial number or batch number

Located on the back of the device,
e.g. serial number: TH04....

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 - 200 300 400 (free of charge)

Fax: +49 (0)30 - 300 930 930

E-Mail: service@teufelaudio.com

www.teufelaudio.com

Proper use

Only use the product as described in the operating instructions. Any other use is deemed improper and may result in damages to property or injury to persons. The manufacturer accepts no liability for damages that are incurred as the result of improper use.

The unit is intended for private use.



Before operating the unit 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.

Safety notes

Caution icons

You will find the following caution icons in these instructions:

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

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

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

Safety notes

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 and the package wrappers. There is a 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 Danger to hearing!
 Loud noise may lead to hearing loss. Besides physical injury this may have psychological effects as well. Children and pets are at particularly 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.
- To avoid damage to health, avoid extended listening at high volume.

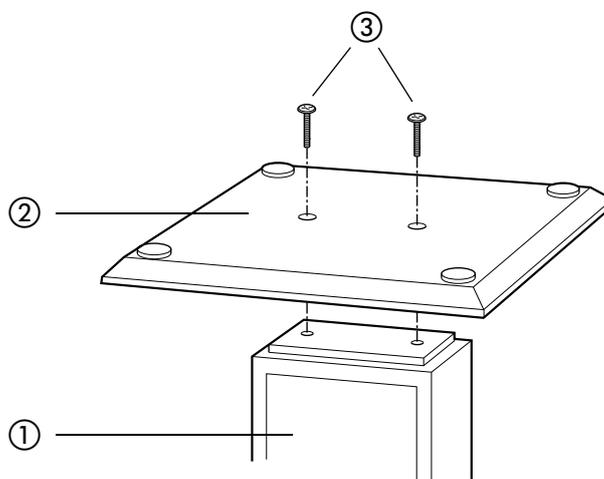
Danger Danger of injury/damage!
 Incorrect location may result in damage.

- Do not use the speakers in vehicles if they are not secured, 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.
- Arrange the speakers so that they cannot be knocked over accidentally and make sure that the cables do not pose a trip hazard.
- Ensure that any wall mounting is performed in a professional manner.
- Only use suitable wall brackets for mounting. Check the carrying capacity of the walls.
- Do not place the speakers near sources of heat (e.g. heaters, ovens, other heat generating equipment such as amplifiers etc.).

Assembly

For assembly, you will need a size 1 Philips screwdriver.

Mount a base plate ② on the bottom of each satellite speaker ①. Use two of the enclosed screws ③ for each speaker.



Setup

Location tips

- The room where you use the Columa 200 may be up to 30 m².
- Select a stable, level base.
- Make sure that the environment is clean and free from dust.
- Avoid placing the unit close to sources of heat or in direct sunlight.
- Arrange the connector cables so that they do not pose a trip hazard.
- Do not place any heavy objects on the cables or the devices.

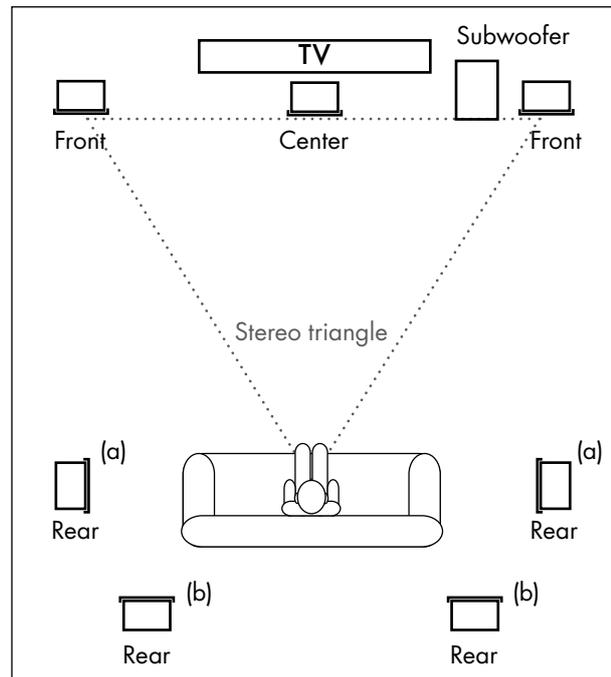
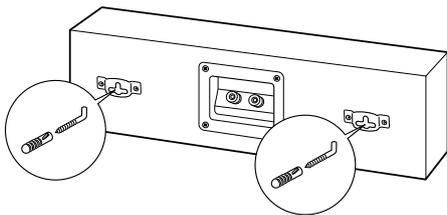
You can purchase installation materials (cables, speaker stands, wall brackets and resonance dampers) especially designed for these speakers in our webshop (www.teufelaudio.com) in the "Accessories" area.

The following data concern an "ideal home cinema", in which the viewer or the listener sits in a central position in front of the television (see the adjacent graphic) and no objects (tables or the like) are located in between. Unfortunately, the room, furnishings or one's partner do not always allow for optimum arrangement.

Modern AV receivers offer a variety of possibilities for electronically compensating losses associated with the arrangement. The following general rule applies: Based on our recommendations you can always experiment on what works best in your listening room in terms of sound and appearance. Let your ears (and eyes) be the judge!

Center

If possible, place the center speaker directly above or under the television. Use the brackets on the back of the speaker for wall mounting.



Front

Two of the satellites ① are set up as front speakers to the right and left of the television. They should be in line with the center speaker and form an equilateral triangle with the listener – the so-called stereo triangle (distance from the listener = distance between the speakers). The speakers should project sound directly into the room or slightly towards the listener.

Rear

The two remaining satellites ① are set up as "rear" speakers to the side (a) or to the back (b) of the listener. The distance to the listener should be at least 100 cm.

Subwoofer

You can place the subwoofer on the floor close to the television. Often a location between the front speakers is ideal.

Connecting

Danger Danger of injury/damage!



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

Satellite speakers

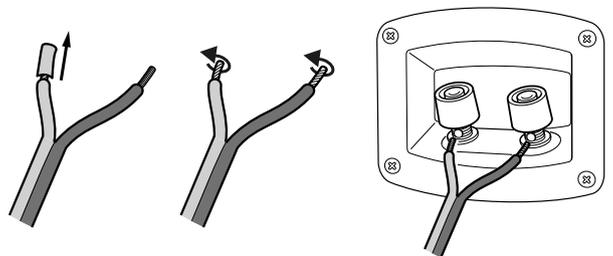
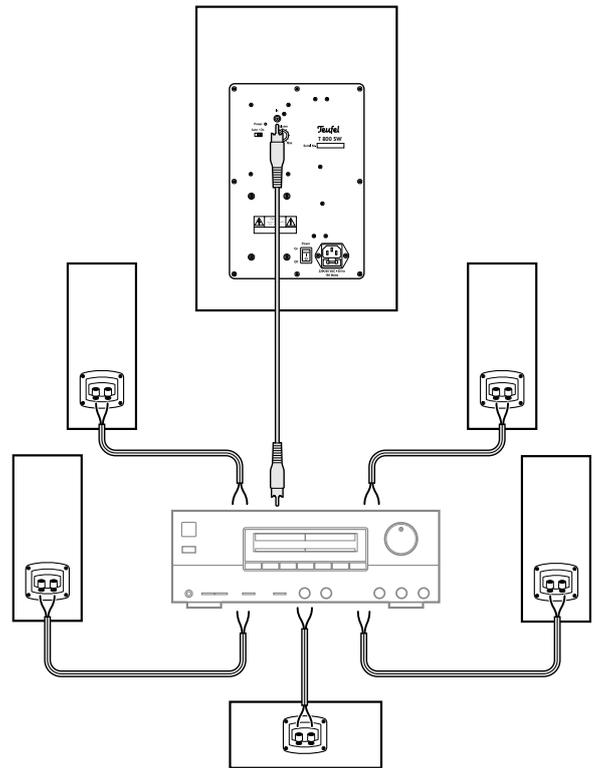
- Pull the mains plug of your AV receiver out of the socket.
- Lay the speaker cables from your AV receiver to each of the satellite speakers. This cable should be high-quality double-wire speaker cable with marked strands. The cross-section should amount to at least 1.5 mm².
Tip: Label the cables on the receiver side. This will help when taking down and setting up the receiver.
- A connector terminal with two terminal clips is located on the back of each satellite speaker. Here you can connect the speaker cables using pin plugs or directly. We only describe the direct connection in these instructions.
- The terminals are each marked in red (+) and black (-).



Make sure the polarity is correct!

Connect the like coloured terminals with one another. Otherwise the sound quality will suffer. The speaker connectors of your AV receiver should be marked similarly. The strands of the speaker cables are marked with different colours or shapes.

- Split the single wire on both ends up to approx. 30 mm and remove approx. 10 mm of the insulation on each piece. Twist the single wire so that no strands are protruding.
- Turn the connector terminal counterclockwise until loose. Run the stripped cable into the hole that is now visible. Turn the terminal clockwise until closed. The cable has now been clamped in place.
- Connect all cables to the satellite speakers this way.
- Connect the speaker cable to your AV receiver. The operating instructions of the appliance should contain notes on this.
- Also plug the mains plug of your AV receiver back into the socket.
- Set the crossover frequency between the satellite speakers and subwoofers on the AV receiver to 120 Hz.



Care and cleaning

Clean the speakers regularly with a soft, damp microfiber cloth. Be absolutely sure to observe the following notes:

- If possible use only plain water without any cleaning products. 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 advice should help you to solve problems. If this is not the case, please contact our hotline (see page 3). Take note of the warranty instructions.

Problem	Possible cause	Solution
Playback is noisy.	Generally speaking, the Columa 200 is a passive speaker system, which is unable to produce noise. In the high range area, very good-quality high-resolution speaker systems 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 incorrect polarity.	Make sure the speaker cables of all satellites are connected properly.

Protecting the environment

Disposing 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 separate from household waste, e. g. at a collection point run by the communal author-

ity borough. In this way, used devices can be recycled and waste materials disposed of in an environmentally friendly manner. For this reason, electrical equipment is labelled with the displayed symbol.

Technical data

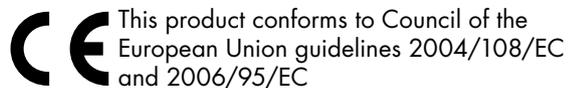
Column speaker

Impedance: 4–8 ohm
Dimensions with base plate (W x H x D): 240 x 1110 x 240 mm
Net weight: 4.4 kg

Center speakers

Impedance: 4–8 ohm
Dimensions (W x H x D): 395 x 120 x 70 mm
Net weight: 1.8 kg

Technical changes reserved!



Teufel

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

Lautsprecher Teufel GmbH
Gewerbehof Buelowbogen - Ausgang D1
10783 Berlin (Germany), Buelowstr. 66

Tel.: 00800 200 300 400 (toll-free)
Fax: +49 (0)30-300 930 930
www.teufelaudio.com

No liability is accepted for the accuracy of this information. Technical changes, typographical errors and other errors reserved.