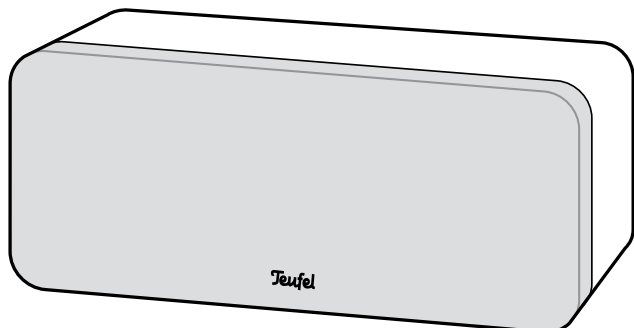


# Technical Description and Operating Instructions



## Center speaker Ultima Center UL 40 C Mk2

# Teufel

## General notes and information

### Proper use

Only use the speaker as described in these operating instructions. 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 speaker is intended for private use.



Before using the speaker for the first time, 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 unit 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 any other issues please contact our customer service department:

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

**Phone 00800 - 200 300 40 (toll-free)**

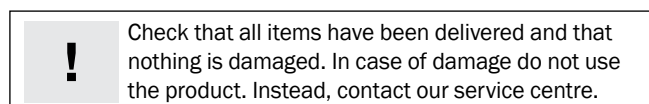
**Fax: +49 (0)30 / 300 930 930**

**E-Mail: [service@teufelaudio.com](mailto:service@teufelaudio.com)**

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

## Product contents and technical data

Product contents	1 speaker Ultima Center UL 40 C Mk2 4 rubber feet
Dimensions (W x H x D)	420 x 170 x 178 mm
Weight	6.7 kg
Nominal impedance	4-8 ohm



Technical changes reserved!

You can find further technical data on our website.





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

# 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.



### **Danger to hearing!**

Extended listening at high volumes may lead to hearing loss.

- To avoid damage to health, avoid extended listening at high volumes.
- When the volume is set high, always keep a certain distance from the unit and never place your ear directly on the speaker.
- Particularly when the subwoofer has been set to maximum volume and the unit is activated, very high noise pressure may suddenly be produced. This may have psychological consequences and also cause physical injury. Children and pets are particularly at risk. Set your signal source unit volume control to a low setting before turning on the power.

### **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. rubber feet). They could swallow the parts and choke. Never allow children to operate electrical units unsupervised.

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



Incorrect location may result in damage.

- Never use the unit unmounted in vehicles, in unstable locations, on wobbly stands or furniture, on under-dimensioned brackets etc. The speakers could tip or fall down and cause injury to persons or be damaged.
- Place the speakers in such a way that they cannot be knocked over unseen and make sure that the cables do not pose a trip hazard.
- Carefully follow the installation instructions.
- If mounting the speakers on the wall, make sure that the job is carried out by a professional.
- 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.).

### **Attention Fire hazard!**



Improper use 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 operate the unit in moist 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 unit in order to avoid liquid getting into the housing.

# Setup and connection

## Setup

### **Note**

Our website contains comprehensive notes for correct setup.

- 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 speakers.

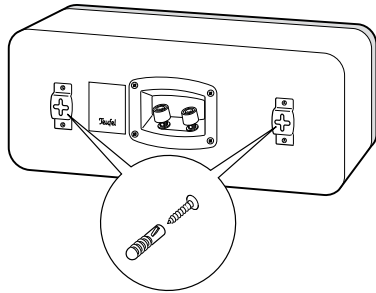
## Wall mounting

### **Danger Risk of damage!**



Improper assembly may result in damage.

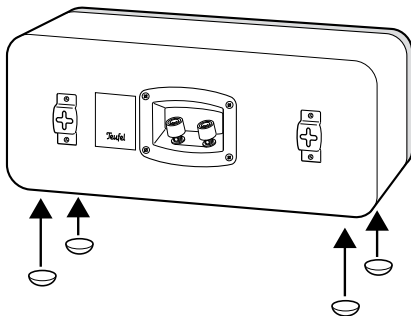
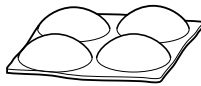
- If mounting the speakers on the wall, make sure that the job is carried out by a professional.
- Before drilling the holes, use a metal detector to make sure that there are no lines located within the drill area.
- Only use suitable screws and dowels to mount the speaker. Verify the carrying capacity of the walls.



- Hang the center speaker on the wall using the keyholes and the pre-installed screws.
- These openings are also suitable for mounting on a wall bracket.  
Alternatively, you can also use the threaded hole on the bottom of the speaker. The speaker is delivered with a screw in the threaded hole, which you must twist out before mounting the speaker.  
You can find corresponding speaker stands and wall brackets in our webshop.

## Setup

- If you would like to set up the speaker, affix the 4 enclosed rubber feet to the corners on the bottom of the speaker. This prevents noise created by vibrations.



## Connecting

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



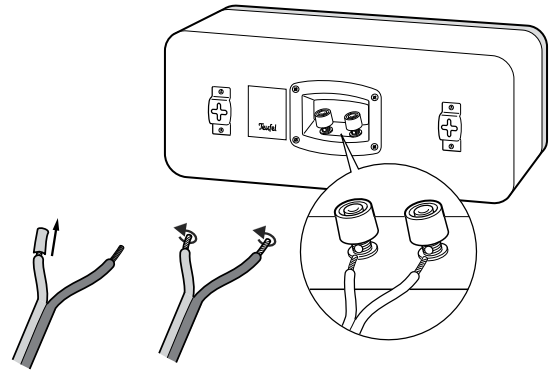
Arrange the cables so that they do not pose a trip hazard.

- Pull the power plug for your AV receiver or multi-channel active subwoofer out of the socket.
- Lay the speaker cable from your AV receiver or multi-channel active subwoofer to the speaker. Use a high-quality double wire speaker cable with marked strands for this. The cross-section should amount to at least 1.5 mm<sup>2</sup>.
- A connector terminal with two clips, which you have to connect the speaker cable to, is located on the back of the speaker.
- The terminals are each marked red (+) and black (-).

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



Connect the like coloured terminals. The speaker connectors 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 wire down by approx. 30 mm on both ends and remove approx. 10 mm of insulation each.
2. Twist the stripped wire ends so that no strands are protruding. 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 speaker cable to your AV receiver or multi-channel active subwoofer. You should find corresponding notes in the operating instructions for your device.

## Removing the protective grid

- You can remove the protective grids by carefully reaching behind them and slowly pulling them out to the front.
- Removing the protective grid in particular will improve the clarity of playback of high frequency sounds.
- When installing the protective grid, please make sure that the installation pins slide directly into the corresponding jacks on the speaker.

## Crossover frequency

- We recommend a crossover frequency of 80–100 Hz. To the extent possible, configure this setting on your AV receiver or decoder station if they permit this particular setting.
- Operation in full-range mode is also possible (all speakers are set to "Large"). However, the maximum volume is slightly lower then.

## Cleaning and care

Clean the speaker 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.
- Make sure that no liquid penetrates the unit.

### Attention Risk of damage!



Using the wrong cleaning materials may damage the delicate surface of the case.

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. In case you don't succeed, please contact our hotline ☎ 00800 - 200 300 40 (toll-free). Please also observe the warranty notes.

Problem	Possible cause	Solution
Playback is noisy.	Generally speaking, the speaker is very low noise. In the high range area, very high-resolution speaker systems can expose the poor quality of a signal source (e.g. from MP3 files).	Make sure that the source is emitting a clear signal.
The sound seems dull.	Speaker has been connected with incorrect polarity.	Make sure all speaker cables are connected correctly.

## 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 units are properly recycled and that negative consequences on the environment are avoided. For this reason, electrical equipment is labelled with the displayed symbol.

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