

Technical description and operating instructions



Ultima 800 Mk II

High-End Column Speakers with Bass Alignment

Teufel

Contents

General notes and information	3
Notice 3	
Original packaging.....	3
Complaints.....	3
Contact	3
Proper use.....	3
Safety notes	4
Caution icons	4
Safety notes	4
Unpacking and setup.....	5
Removing the protective grids.....	5
Location tips.....	5
Attaching the flat spikes.....	6
Connecting	6
Connecting the cables	6
Bass alignment	7
Care and cleaning	7
Protecting the environment	8
Technical data	8

General notes and information

Notice

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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 **IN 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 unit, e.g. serial number: KB20240129A-123.

Many thanks for your support!

Contact

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

Lautsprecher Teufel GmbH
Gewerbehof Bülowbogen · Bülowstraße 66
10783 Berlin (Germany)

Tel.: +49 (0)30 / 300 930 0

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

E-mail: info@teufel.de

www.teufel.de • www.teufelaudio.com

Proper use

Only use the speakers as described in these operating instructions. Any other use will be deemed as not in accordance with the instructions and may lead to damage to property or even persons.

The manufacturer accepts no liability for damage caused by use not in accordance with the instructions.

The speakers are 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.

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 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**Danger to hearing!**

Loud noise may lead to hearing loss.
The subwoofer may emit very high sound pressure levels unexpectedly when it is suddenly triggered into activity by a bass impulse (especially in »Standby/Auto On« mode) and if it has been set to full volume. 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.
 - 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.

- 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 brackets for mounting. Verify the carrying capacity of the walls.
 - Do not use the speakers if the housing or the connector cables are defective or if they exhibit any other visible damages.
 - 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.
 - Do not place the unit near sources of heat (e.g. heaters, ovens, other heat generating equipment such as amplifiers etc.).
-

Unpacking and setup

Open the box carefully, take out the half shell EPE packaging foam and carefully lift the speaker out of the box without touching the diaphragms.

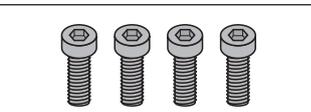


Connector cables

Due to differing customer requirements, the Ultima 800 Mk II speakers are shipped without connector cables. You can find suitable cables in our webshop (www.teufelaudio.com) in the "Accessories" area.

Check to be sure

Check that all items have been delivered and that nothing is damaged:

Item	Units	Article	
①	1	Ultima 800 Mk II speaker	
②	2	Metal brackets	
③	4	Flat spikes	
④	4	Allen head screws	

If the delivery exhibits damages, do not use the speakers, instead consult our service department (see Page 3).

Removing the protective grids

The protective grids are secured by magnets on the front of the speaker and can be easily removed. When the protective grids are removed, high frequency output becomes clearer in particular.

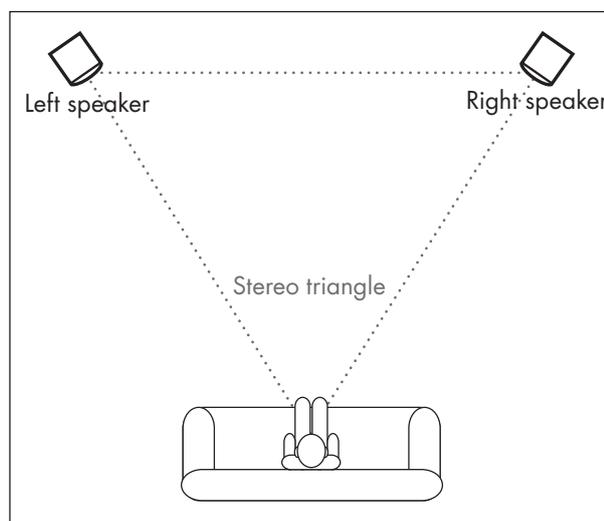
To remove the protective grids, reach behind them and slowly pull them off to the front.

Attention Risk of damage!



Make sure that you do not touch the highly sensitive diaphragms.

Location tips



- 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.

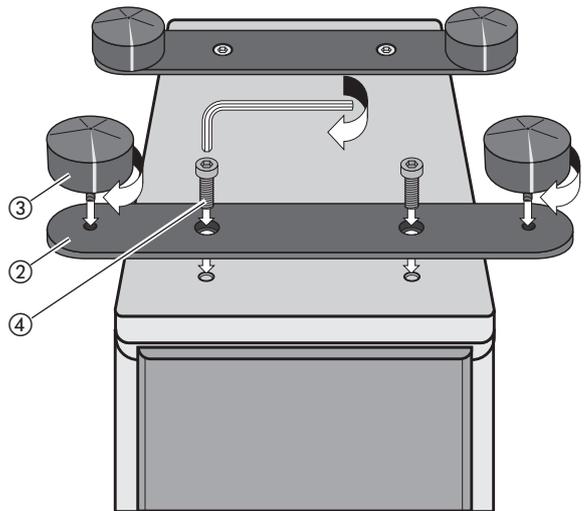
The following data concern an "ideal listening room", in which the listener sits in a central position at a sufficient distance in front of the speakers (see the adjacent graphic) and no objects (tables or the like) are located in between. Unfortunately, the room, furnishings or other circumstances do not always allow for optimum arrangement.

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

The speakers should be situated to the left and right of the listener and if possible, 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 be arranged slightly towards the listener.

Attaching the spikes with adjustable height

1. Screw 2 flat spikes ③ each onto the metal tracks ②.
2. Turn the speaker over and place it upside down on a blanket or the like so as not to damage the sensitive surface.
3. Screw the metal brackets onto the bottom of the speaker case using the Allen head screws ④.
Once you have attached the spikes to the speaker, turn the speaker over.
4. By adjusting the flat spikes ③, you can compensate smaller irregularities in the base.



Connecting

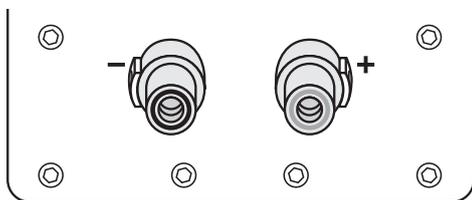
Danger Danger of injury/damage!



Set up the speakers so that there is no risk of them tipping over and the cables don't represent a tripping hazard.

Connecting the cables

1. Turn off your amplifier.
2. Lay the speaker cables from your amplifier to each speaker. These cables should be high-quality double-wire speaker cable with marked strands. The diameter should amount to at least 2.5 mm² and no more than 10 mm².



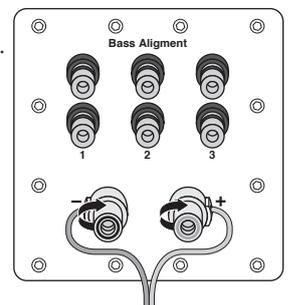
3. A connector terminal with two terminal clips is located on the back side of the speakers. Here you can connect the speaker cables with pin plugs, suitable furcated cable lugs or directly. We only describe the direct connection in these instructions. The terminal clips are each marked red (+) and black (-).



Make sure the polarity is correct!

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

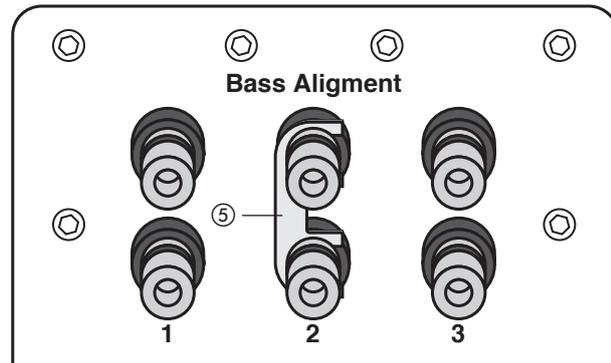
4. Split the single wire on both ends up to approx. 30 mm and remove approx. 10 mm of the insulation on each single wire. Twist the single wire so that no strands are protruding.
5. Turn the connector terminal counterclockwise until loose. Run the stripped cable end into the now visible hole. Close the terminal by turning it clockwise. The cable has now been clamped in place.
6. Connect both cables to the speakers in this way.
7. Connect the speaker cables to your amplifier. The operating instructions of the appliance should contain notes on this.



Bass alignment

You can modify the bass performance of your Ultima 800 Mk II speakers in order to adjust the sound to the room conditions or the individual sound performance of your amplifier. 3 terminal pairs are provided for this, which can be connected vertically with a bridge.

Pos. of the bridge ⑤	Bass performance
No bridge	Maximum bass
Terminal pair 1	Slightly dampened bass
Terminal pair 2	Moderate dampened bass
Terminal pair 3	Very thin bass



- Connect the desired terminal pair with the bridge ⑤ or omit the bridge in order to adjust the speaker's bass performance according to the table on the left. You can remove or shift the bridge during use.

Care and cleaning

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.

- Clean the column speakers regularly with a soft, damp microfibre cloth. Make sure that no liquids penetrate the speakers.

Protecting the environment

Disposing of the speakers



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 collection 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.

Technical data

Cabinet volume	43 litres
Box dimensions WxHxD	220 (310)x980x374 mm
Weight	31.2 kg

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

Technical changes reserved!

Teufel

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

Lautsprecher Teufel GmbH
Gewerbehof Buelowbogen - Ausgang D1
Buelowstrasse 66
10783 Berlin (Germany)

Tel.: +49 (0)30 - 300 930 0
Fax: +49 (0)30 - 300 930 930
www.teufel.de
www.teufelaudio.com

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