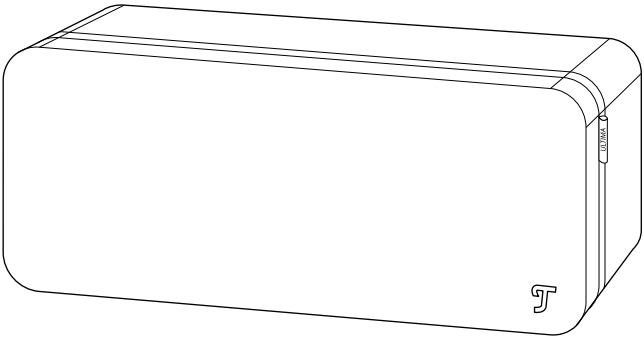
Technical Description and User Manual



ULTIMA®

ULTIMA CENTER 2 MK4

CENTER speaker

Teufel

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Before operating the speaker, please first read the safety notes and user manual carefully. Only in this way, you can ensure that all functions are used in a safe and reliable manner. Store the user manual in a safe place and also be sure to pass it on to any subsequent owner.

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.

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Version 0.2, December 2024

Original packaging

If you wish to exercise your right of return, we ask that you be absolutely sure to hold on to the packaging.
We can only accept the return of the speakers WITH THE ORIGINAL PACKAGING.

Empty boxes are not available!

Complaints

In case of a 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 side of the device, e.g. serial no.: KB20240129A-123.

Thank you for your support!

Contact

Please contact our customer service with any questions, suggestions or criticism:

Lautsprecher Teufel GmbH
BIKINI Berlin
Budapester Str. 44
10787 Berlin (Germany)

Phone 00800 - 200 300 40 (toll-free)

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

Service:
www.teufelaudio.com/service

Contact:
www.teufelaudio.com/contact

For Your Safety

Proper use

The CENTER speaker is designed for the playback of audio signals that are transmitted by an external amplifier via a speaker cable.

Only use the speaker as described in this user manual. 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 improper use.

The CENTER speaker is intended for private use only.

Explanation of terms

You can find the following signal terms in this user manual:

⚠ WARNING

This signal term indicates a moderate risk, which, if not avoided, may result in death or severe injury.

⚠ CAUTION

This signal term indicates a low risk, which, if not avoided, may result in minor or moderate injury.

NOTICE

This signal term warns you of potential damage.

Unpacking, Setup, Connection

Unpacking

- Carefully open the boxes, take out the EPE foam parts and carefully lift the speaker out of the box without touching the diaphragms.

Due to differing customer requirements, the Ultima 40 series is shipped without any speaker cables. You can find suitable cables in our webshop (www.teufelaudio.com) in the “Accessories” area.

NOTICE

– *Check that all items have been delivered and that nothing is damaged. If you find any damage, do not operate the device; instead contact our customer service department.*

Setup

Our website contains comprehensive notes for correct setup.

Location tips

– Select a stable, level base.
– Make sure that the environment is clean and free from dust.
– Select a location away from heat sources and direct sunlight.
– Lay the connector cord so that it does not pose a tripping hazard.
– Do not place any heavy objects on the cord or the speaker.

– Place the CENTER speaker in a central position under or above the video screen or screen.
– It should be set up about 20 centimetres behind the front speakers.
– If you can only place the CENTER speaker in line with the front speakers, you should activate the delay for the center channel (“Center Delay”) – providing that your AV receiver has this option. Many modern AV receivers and amplifiers do not offer this kind of function, but automatically set this delay to a correct value when looking up the distances from the listening position to the speakers of the Dolby Surround system in the installation menu.

NOTICE

The isolation pads can produce discolouration on sensitive surfaces.

– *On parquet, varnished wood and similar surfaces, you should stick felt gliders to the rubber feet of the speaker or put blankets or small carpets under it. This will prevent discolouration of the floor over the long term.*

If you would like to set the speaker up, attach the 4 enclosed rubber feet to the corners of the speaker base.

As a result, interference due to vibrations is avoided.

Connecting

1. Switch your AV receiver or multi-channel active subwoofer off.
2. Lay a 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.

Use the connection terminal with the two clamps on the back of the speaker to connect the speaker cables.
The terminals are each marked red (+) and black (-).

NOTICE

Make sure the polarity is correct!

– *Connect each of the like coloured terminals of your speaker and your amplifier with one another; otherwise the sound quality will suffer. To facilitate this, the individual single wires of the speaker cables are marked with different colours or shapes.*

3. Split the single wire down by approx. 30 mm on both ends and remove approx. 10 mm of insulation each.
4. Twist the stripped wire ends so that no strands are protruding. Tin coating is not necessary.
5. Turn the connector terminal counterclockwise until loose. Run the stripped cable end into the now visible hole. Close the terminal by turning it counter-clockwise. The cable has now been clamped in place.
6. Connect the speaker cable to your AV receiver or multi-channel active subwoofer. You should be able to find corresponding notes in the user manual of your device.

Removing the protective grid

You can remove the protective grid by carefully reaching behind it and slowly pulling it off to the front.

By removing the protective grid, especially high frequencies will sound clearer.

When putting the protective grid on, 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. Where possible, set your AV receiver or DecoderStation as close as possible to this value.

Operation in full-range mode is also possible (all speakers set to “Large”). However, the maximum volume is slightly lower in this case.

Wall mounting

⚠ CAUTION

Improper mounting may cause damage.

– *Make sure that wall mounting is done in a professional manner.*
– *Before drilling the holes, use a metal detector to ensure that there are no electrical cables or pipes in the wall within the drilling area.*
– *Use only suitable screws and dowels for fixing. Verify the carrying capacity of the walls.*

- Hang the CENTER speaker on the wall using the keyhole openings and the previously mounted screws.

- These openings are also suitable for mounting the speaker to a wall bracket.
  Alternatively, you can use the threaded hole on the bottom of the speaker. When delivered, the threaded hole contains a screw that must be removed before installation.
  You will find suitable speaker stands and wall brackets in our webshop (www.teufelaudio.com) in the “Accessories” area.

Care and Cleaning

The veneered surfaces of our speakers have a protective surface coat so they no wood polish is necessary.

NOTICE

External influences may damage or destroy the device.

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

– *Do not use caustic cleaning products, white spirit, thinners, petrol or similar under any circumstances. Such cleaning agents may damage the delicate surface of the housing.*

- Ideally, you should remove dust or small amounts of dirt with a dry, smooth leather cloth.
- Rub off stubborn dirt with a damp cloth. Make sure that no liquid penetrates the speakers.
- Then immediately wipe the surfaces dry with a soft cloth without applying pressure.

Technical Data

Impedance	4 – 8 Ω
Sinus power	100 Watt (longterm), 150 Watt (shortterm)
X-over frequency:	4000 Hz
Mid-range and tweeter crossover point:	3300Hz
Recommended cross-over frequency when using a subwoofer:	100 Hz
Dimensions (W x D x H)	420 × 185 × 178 mm
Net weight	5.4 kg

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

Declaration of Conformity

Lautsprecher Teufel GmbH declares that this product complies with the relevant European and national directives. The full text of the CE Declaration of Conformity can be found at this web address:

www.teufel.de/konformitaetserklaerungen
www.teufelaudio.com/declaration-of-conformity

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