

Technical Description and Operating Instructions



CS 35 Mk3-Set

Satellite Speakers

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
Product contents.....	5
Checking the product contents.....	5
Setup and connection.....	5
Location tips.....	5
Front speakers	6
Center speaker	6
Surround speakers	6
Wall mounting	6
Connecting	6
Crossover frequency.....	6
Care and cleaning	7
Troubleshooting	7
Technical data	7
Declaration of Conformity	8
Disposal.....	8
Important information in accordance with the Electrical and Electronic Equipment Act (Germany: ElektroG)	8

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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Original packaging

If you wish to exercise your right of return, we ask that you be absolutely sure to hold onto the packaging. We are only able to accept speaker returns 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 side of the unit, e.g. serial number: S10...

Many thanks 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

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 injury.

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

The speakers are intended for domestic use.



Before operating the product 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.

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 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 any small parts from the unit or pull them off of the unit (e.g. rubber feet or similar). 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 underdimensioned 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

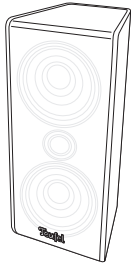
Fire hazard!



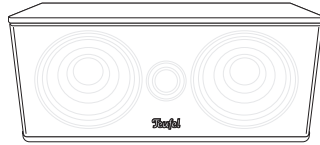
Improper use may lead to damage or fire.

- 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 speaker in order to avoid liquid getting into the case.

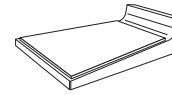
Product contents



4 x CS 35 FCR Mk3



1 x CS 35 C Mk3



1 x table stand for CS 35 C Mk3



Connector cables

The satellite speakers are supplied without connector cables as customer requirements vary widely. You will find suitable cables in our online shop where you can also purchase items such as speaker stands and wall brackets for your speakers.

Checking the product contents

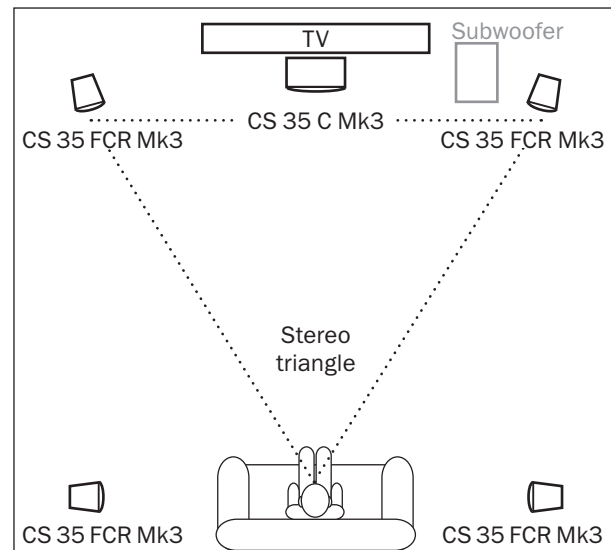
- Check that all items have been delivered and that nothing is damaged.
- Should the delivery be incomplete or exhibit transport damages, do not operate the product. Instead please contact our customer service department (see page 3).

Setup and connection

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.
- Do not place any heavy objects on the cables or the speakers.

The following information relates to the “perfect home cinema” in which the viewer or listener sits centrally at the correct distance from the television or screen (see diagram, right) and no objects (tables or similar) are placed between the viewer and the screen. Unfortunately, the room, furnishings or other circumstances do not always allow for optimum arrangement. Modern AV receivers offer a range of solutions to compensate electronically for any deficiencies in placement. 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) decide!



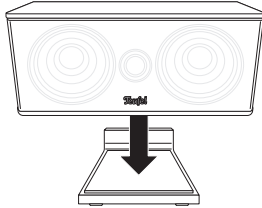
Set up your speakers as shown here.

Front speakers

- The front speakers CS 35 FCR Mk3 are placed to the left and right of the screen.
- They should form, as far as possible, an equilateral triangle with the listener – what is known as the stereo triangle (distance to listener = distance between speakers).
- The speakers should project sound directly into the room or slightly towards the listener.

Center speaker

- The center speaker should be placed centrally on an arc curving slightly towards the television.



- The table stand ensures that the speaker is stable and minimises vibration. No fixing is required: place the speaker in the centre of the stand.

Surround speakers

The surround speakers are placed or wall-mounted to the sides of the listener at head height (140 to 210 cm).

Wall mounting

If you choose to wall-mount your speakers, please note the following:

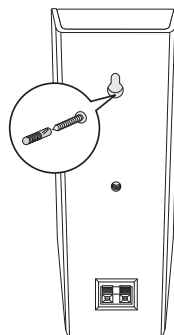
Danger Risk of damage!



Incorrect mounting can lead to damage.

- If mounting the speakers on the wall, make sure that the job is carried out by a professional.
- Before drilling holes use a metal detector to make sure that there are no electrical cables or pipes in the wall within the drilling area.
- Use only suitable screws and wall plugs for fixing. Verify the carrying capacity of the walls.

- Use the key-hole slot(s) on the rear of the speakers to hang the speakers on the screw(s) fixed into the wall before.
- The key-hole slot(s) and the threaded hole on the rear of the speakers are also intended for fixing the speakers to a wall bracket or speaker stand (you will find suitable items in our online shop).



Connecting

Danger Danger of injury/damage!



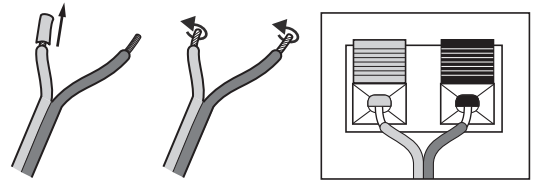
Arrange the cables so that they do not pose a trip hazard.

- Unplug the power plug of your AV receiver or multi-channel active subwoofer from the mains.
- Lay 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.
- 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 (-).



Make sure the polarity is correct!

Connect the like coloured terminals. The speaker connections on your AV receiver or multi-channel active subwoofer should be similarly marked. 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 wire so that no strands are protruding.
3. Press down the red and the black levers on the connector clamps and guide the exposed ends of the single wires into the openings which are accessible now. Releasing the levers clamps the single wires securely in place.
4. Connect all of the cables to the speakers in this way.
5. Connect the other ends of the speaker cables to your AV receiver or multi-channel active subwoofer. You should be able to find corresponding notes in the operating instructions of your device.

Crossover frequency

- The optimum crossover frequency for the CS 35 Mk3-Set is 150 Hz. Where possible set your AV receiver or Decoder Station as close as possible to this value.
- If the satellite speakers are used as part of a Concept C set the crossover frequency will be provided by the subwoofer.
- For Concept E sets without DecoderStation you set the crossover frequency in your soundcard settings. If it is not possible to do this then please select the setting "small" for the satellite speakers.

Care and cleaning

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

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 advice should help you to solve problems. If this does not help, you will find useful information in the detailed FAQs on our website. Otherwise, please contact our hotline (see page 3). Take note of the warranty instructions.

Problem	Possible cause	Solution
Playback is noisy.	Generally speaking, the speakers are 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.	Speakers have been connected with incorrect polarity.	Check to make sure the cables of all speakers are correctly connected.

Technical data

	Satellite speakersCS 35 FCR Mk3	Center speakerCS 35 C Mk3
Dimensions (WxHxD)	100 x 225 x 95 mm	225 x 110 x 105 mm (inc. table stand)
Weight	0.75 kg	1.25 kg
Impedance	4-8 ohm	4-8 ohm

You will find further technical data in the product description on our website at www.teufelaudio.com.

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

Disposal

Important information in accordance with the Electrical and Electronic Equipment Act (Germany: ElektroG)

We advise owners of electrical and electronic appliances that old electrical and electronic devices must be handed in separately from municipal waste, in accordance with the applicable regulations. Batteries and rechargeable batteries that are not firmly enclosed in old electrical devices and lamps, and that can be removed from the old device without destroying them, must be separated from them in a non-destructive manner before they are handed to the collection point for their intended disposal. Please take note of our information on the Batteries Act [Germany: BattG] below for disposing of batteries.

You make an important contribution to returning, recycling and further processing of old devices if you separate your old devices into the correct collection groups for recycling.

The symbol below of a crossed-out dustbin, applied to electrical and electronic appliances, also advises of the duty to separate collections:



Consumer electronics stores and supermarkets are obliged, under certain conditions, to take back old electrical and electronic devices, in accordance with section 17 of the Electrical and Electronic Equipment Act. Stationary retailers must take back an old electrical device of the same type when a new electrical device is bought (1:1 return). This also applies to home deliveries. These retailers must also take back up to three small old electrical devices ($\leq 25\text{cm}$) without this being linked to a new purchase (0:1 return).

In accordance with the Electrical and Electronic Equipment Act, as online retailers of electrical devices and due to our product range, our obligation is limited to 1:1 return of large devices of $> 50\text{ cm}$ when selling a new electrical

or electronic device of the same type. We comply with the obligation of return of devices other than large devices through our service provider. You can find the exact contact data and collection points on our website www.Teufel.de/entsorgung. It is also possible to return old electrical and electronic appliances free of charge at an official delivery point run by the public waste disposal authorities.

Important: For safety reasons we ask that you refrain from sending lighting fixtures (some lamps). For return of lighting fixtures please use the public waste disposal collection points or contact us directly at www.Teufel.de/entsorgung.

As an end-user, you are responsible for deleting any personal data on old electrical appliances before handing it in.

Important: Our appliances can contain batteries/rechargeable batteries. If this is the case, please refer to its attached product documentation for additional information on the type and chemical make-up of the battery. For products with battery compartments you can directly remove the batteries or rechargeable batteries and dispose of them properly. If the batteries are built in to the product, do not in any case attempt to remove the batteries yourself, instead contact one of our employees or appropriate specialist staff.

Teufel

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

**Lautsprecher Teufel
GmbH**
BIKINI Berlin
Budapester Str. 44
10787 Berlin (Germany)
www.teufelaudio.com

Phone.: 00800 200 300 40 (toll-free)
Fax: +49 (0)30 - 300930930
Service: www.teufelaudio.com/service
Contact: www.teufelaudio.com/contact

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