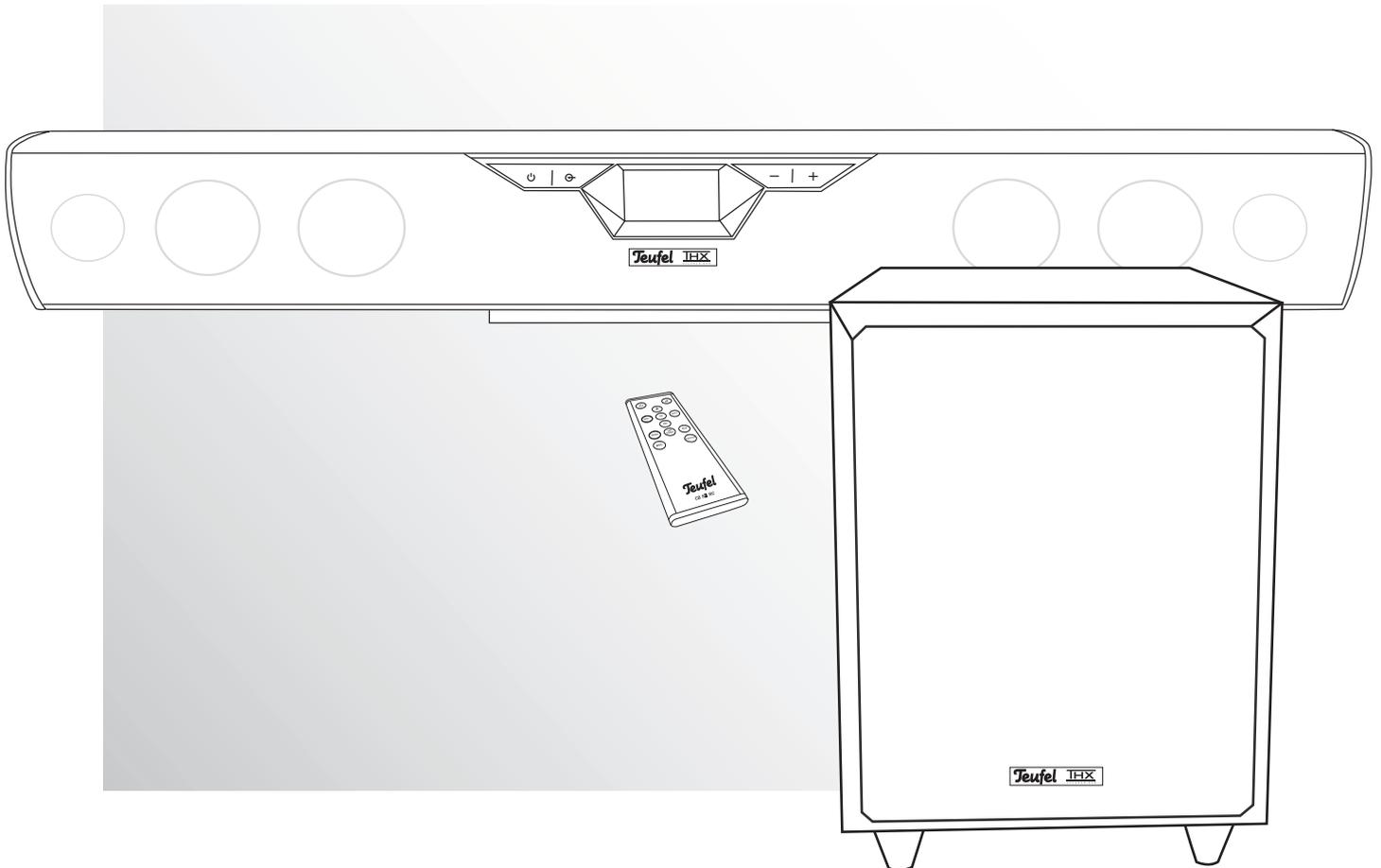


Technical description and operating instructions



Cinebar 52 THX

2.1 Soundbar with active subwoofer and THX certificate

Teufel

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General notes and information

Notice

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Version 1.1
November 2016

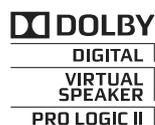
Trademarks

® All trademarks are the property of their respective owners.



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Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.



Digital Surround

You can view the DTS patents at <http://patents.dls.com>. Manufactured under license from DTS Licensing Limited. DTS, the symbol as well as DTS and the symbol collectively are registered trademarks. DTS Digital Surround is a trademark of DTS, Inc. © DTS, Inc. All rights reserved.



The HDMI and High-Definition Multimedia Interface symbols as well as the HDMI logo are trademarks or registered trademarks of HDMI Licensing LLC in the USA and other countries.

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 no.: KB20240129A-123.

Thank-you for your support!

Contact

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

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

Phone 00800 - 200 300 40 (toll-free)

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

E-Mail: service@teufelaudio.com

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 of 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 domestic use.



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

For your safety

Signal terms

You can find the following signal terms in these instructions:

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.

NOTE

This signal term warns you of potential damage.

Safety notes

WARNING

Improper electrical installation or excessive mains voltage may result in an electrical shock.

- The device is suitable for a mains voltage of 230V ~ / 50Hz. When connecting the device, make sure that the correct voltage is present. You can find more information in this respect on the type plate.
- Check the device regularly for damage. Immediately disconnect the mains plug and do not operate the device if its casing or mains cord is defective or exhibits other visible damages.
- If the mains cord is damaged, only have it replaced by the manufacturer, its customer service department or a person with similar qualifications.
- This device is disconnected from the grid by pulling the power plug. Thus, make sure that the power plug is always easily accessible.
- If the device emits smoke, smells burnt or produces unusual sounds, immediately disconnect it from the mains and do not operate it further.
- Never open the device housing. Repairs may only be carried out by an authorised specialist workshop. In the process, only parts that correspond to the original device data may be used.
- Only use the accessory products specified by the manufacturer.

- Only use the device in indoor areas.
- Do not operate the device in wet rooms and protect it from dripping and sprayed water. Make sure that no vases or other vessels filled with liquid are located on the device or nearby in order to prevent liquid from penetrating the housing. If water or other debris end up penetrating the case, immediately pull the mains plug and take out any batteries. In such a case, send the device to our service address.
- Never touch the mains plug with wet hands.

Children can become trapped in the packing film when playing and suffocate.

- Do not allow children to play with the device or the packing film. Danger of suffocation.
- Ensure that children do not remove small parts from the device or take them off of the device (e.g. control knobs or plug adapters). They could swallow the parts and choke.
- Never let children use electrical equipment unsupervised.

Swallowing the product's battery may result in severe internal injury or even death.

- Store both new and used button cell batteries so that they are not accessible to children.
- If it is no longer possible to safely close the battery compartment, stop using the product and store it so that it is not accessible for children.
- If you suspect that a button cell battery has been swallowed or otherwise incorporated, promptly consult a physician.

Leaking battery acid may lead to chemical burns.

- Do not allow battery acid to come into contact with skin, eyes or mucus membranes. In the event of contact with acid, immediately flush the applicable areas with plenty of clean water and consult a physician if necessary.

Batteries (particularly lithium batteries) can explode if used improperly.

- Never attempt to recharge batteries.
- Only use batteries of the same or equivalent type.
- You may not heat or short circuit batteries and rechargeable batteries or dispose of them in fire.
- Do not expose batteries and rechargeable batteries to direct sunlight.



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 device and never place your ear directly on the speaker.
- If a speaker is set to full volume, this may produce very high sound pressure. This may have psychological consequences and also cause physical injury. Children and pets are particularly at risk. Set your signal source device volume control to a low setting before turning on the power.

CAUTION

An unstable base may cause a speaker to tip, which poses a risk of serious injury or death, especially for children. You can prevent a large number of accidents by taking the following precautions:

- Only place the subwoofer on the floor.
- If you want to use underframes or speaker stands, only use those recommended by the manufacturer.
- When storing the speakers, make sure that they are in a stable position and that there is no risk of them falling or being pulled down.

An unsuitable location could lead to damage.

- If the speakers are not securely mounted, do not use them in vehicles, in unstable locations, on wobbly tripods or furniture, on underdimensioned brackets etc. The speakers may tip or fall over and cause injury to persons or be damaged themselves.
- Place the speakers in such a way that they cannot be knocked over inadvertently and make sure that the cables do not pose a trip hazard.
- Carefully follow the operating instructions.
- If mounting the speakers on the wall, make sure that this task is done in a professional manner.
- In case of a wall mounting make sure that the walls have sufficient carrying capacity.

When mounting speakers on walls, proceed with caution and follow the instruction below:

- Make sure that there are no cables or pipes in the drilling areas. Before you drill, use a metal detector to check the applicable areas. Otherwise there is a risk of electrocution/short-circuiting!

NOTE

External influences may damage or destroy the device.

- If the device is to be left unsupervised for a long period (e.g. during a holiday), or if a thunderstorm is forecast, disconnect the power plug from the mains power supply. Otherwise sudden overvoltage could cause the device to become defective.
- In the event of prolonged absence, remove the batteries from the remote control. Leaked batteries may damage the remote control.
- If the device is subjected to warm temperatures after being cold (e.g. after transport), condensation may occur inside of it. In this case, wait at least 2 hours before you connect and activate it.

Improper use may lead to damage or fire.

- Do not place open flames such as burning candles or similar on the device.
- Ensure sufficient ventilation.
- Do not place the device in direct sunlight.

Explanation of symbols

	Safety class II Dual insulation
	Risk of electrical shock – do not open the housing. Disconnect power cord before changing fuse.
	2 AL / 250 V fuse
	Old devices must not be disposed of with household waste! If the device is no longer operational, every consumer is required by law to dispose of old devices separately from household waste, e.g. at a collection point run by the communal authority/borough. This ensures that old devices are recycled in a professional manner and also rules out negative consequences for the environment. For this reason, electrical equipment is marked with the following symbol.

	<p>Batteries and rechargeable batteries must not be disposed of with household waste!</p> <p>Every consumer is required by law to bring all batteries and rechargeable batteries, regardless whether they contain harmful substances*) or not, to a collection point run by the communal authority or borough or to a retailer, so that they can be disposed of in an environmentally friendly manner.</p> <p>Please only turn in batteries and rechargeable batteries which are empty!</p> <p>*) labelled with: Cd = cadmium, Pb = lead, Hg = mercury,</p>
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Unpacking

- Carefully open the box, take out the EPE foam half-shell and carefully lift the speaker out of the box.

Product contents

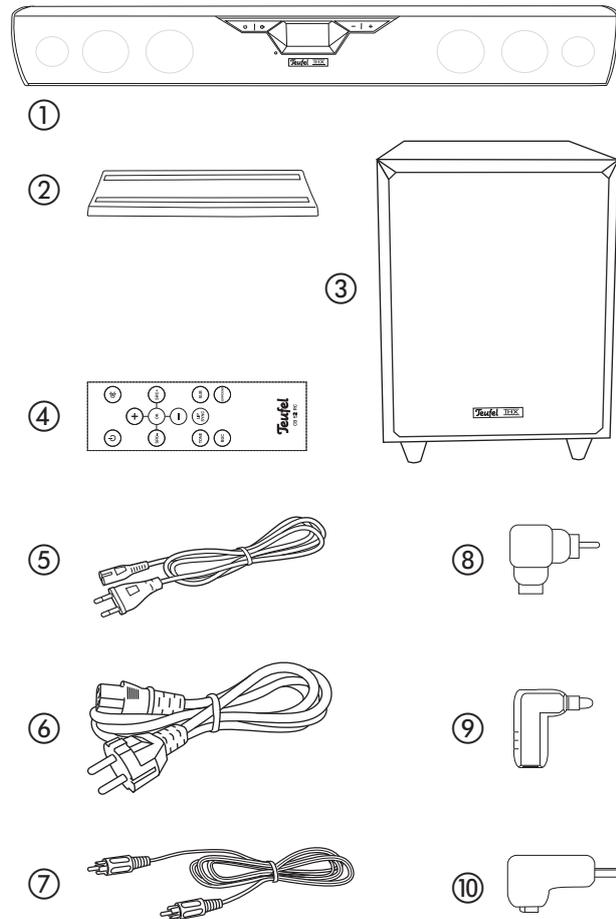
- ① 1x Soundbar CB 52 SB
- ② 1x stand for the Soundbar
- ③ 1x subwoofer CB 52 SW
- ④ 1x remote control CB 52 RC
- ⑤ 1x mains cord for the Soundbar
- ⑥ 1x mains cord for the subwoofer
- ⑦ 1x RCA cable for connecting the subwoofer
- ⑧ 2x 90° RCA adapter
- ⑨ 1x 90° TOSLINK adapter (rotatable)
- ⑩ 1x 90° / 1x 270° HDMI adapter

Instruction manual

Warranty card

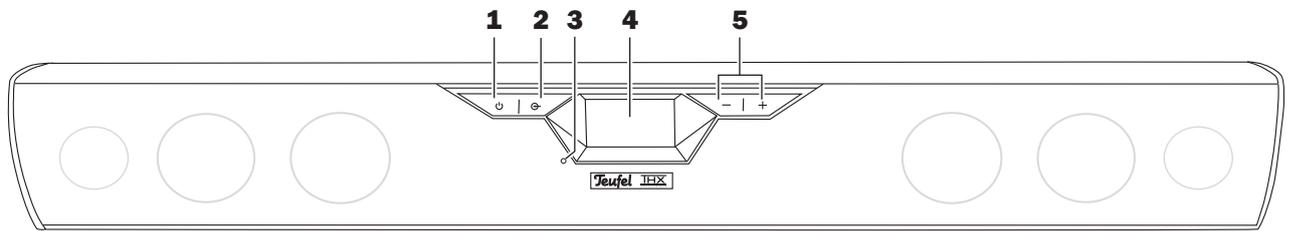
Checking the delivery

- Check that all items have been delivered and that nothing is damaged.
- If the delivery is incomplete or exhibits transport damages, please contact our service team (see page 3).
- Do not in any case operate the device if it is damaged.

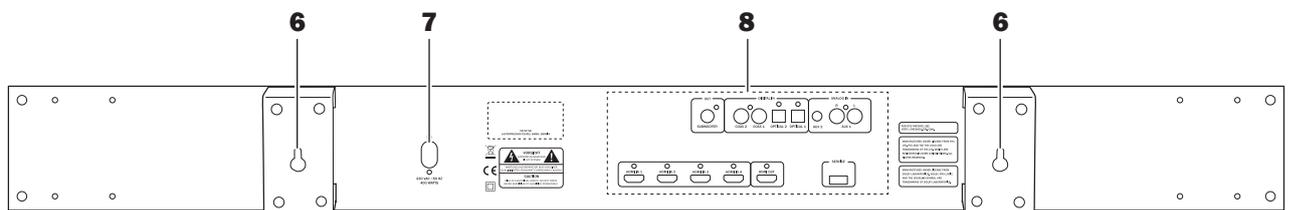


Control elements and connections

Soundbar CB 52 SB

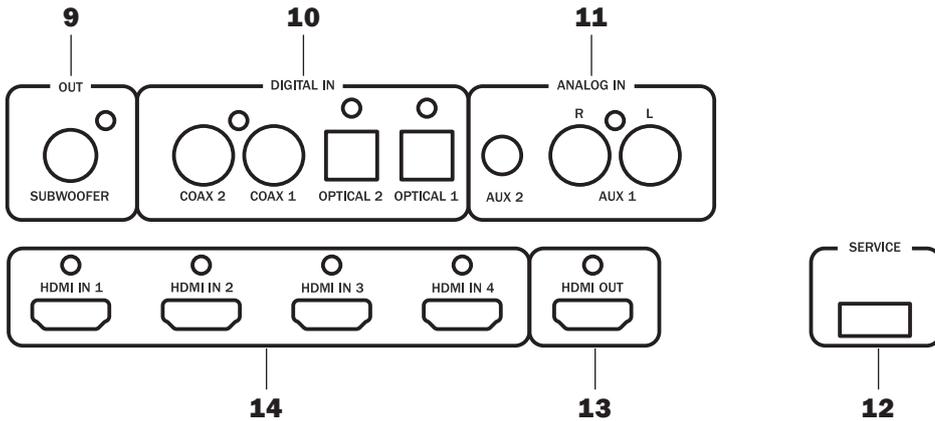


Item	Name	Description
1	⏻	Turn the device on/off
2	⊖ ⊕	Select the source (HDMI ARC, HDMI 1–4, OPTICAL 1–2, COAXIAL 1–2, AUX 1–2)
3		Standby LED
4		Display
5	- / +	Increase (+) / decrease (-) the volume



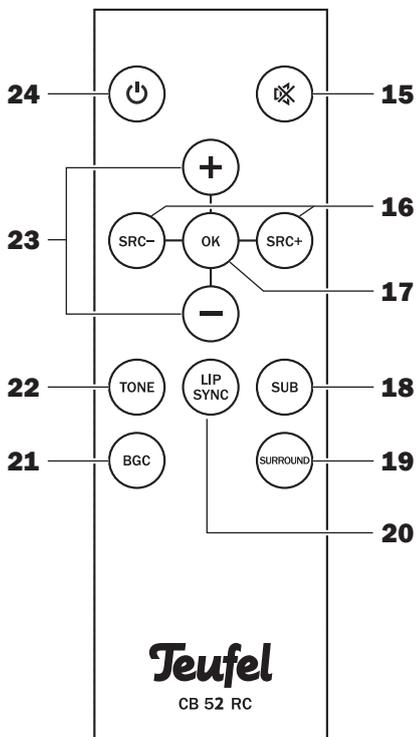
Item	Name	Description
6		Keyhole opening for wall mounting
7		Connector jack for power cord
8		Connector jacks (see the next page for details)

Connector jacks



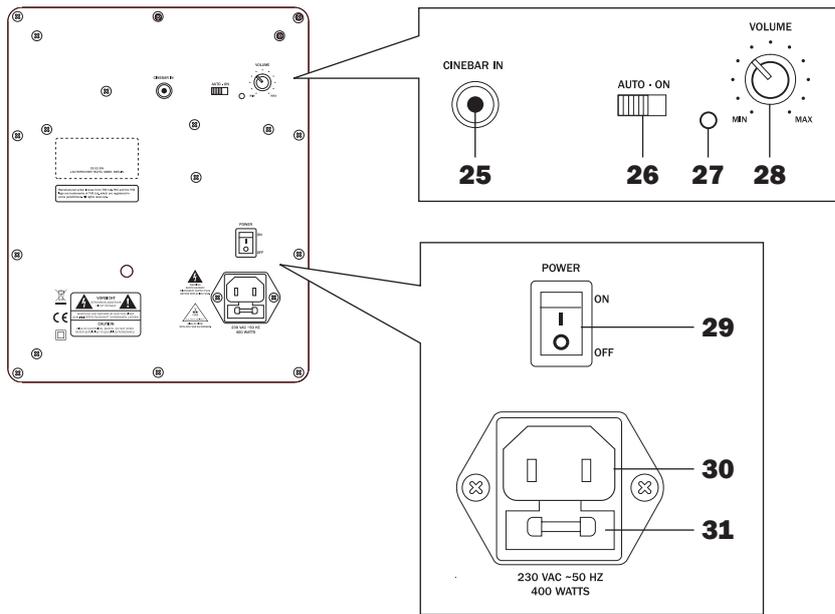
Item	Name	Description
9	SUBWOOFER OUT	Output jack to the subwoofer
10	DIGITAL IN	Digital input jacks (2x coaxial, 2x optical)
11	ANALOG IN	Analogue input jacks (1x 3.5 mm TRS, 1x RCA)
12	SERVICE	Service jack for the qualified workshop
13	HDMI OUT	HDMI output jack to the television
14	HDMI IN	HDMI input jacks

Remote control CB 52 RC



Item	Name	Description
15		Mute (turn sound on or off)
16	SCR - / +	Select a source
17	OK	Confirm the setting
18	SUB	Select a subwoofer in order to set the subwoofer volume using the -/+ buttons (23).
19	SURROUND	Turn surround sound effects on / off
20	LIP SYNC	Synchronise speech and movie
21	BGC	Turn B oundary G ain C ompensation on or off. If set to "ON", the amplification of low frequencies produced by adjacent surfaces (e.g. walls or shelves) will be compensated.
22	TONE	Select bass or treble to increase or decrease them with the -/+ buttons (23).
23	- / +	Increase (+)/decrease (-) the volume
24		Turn the device on/off

Subwoofer CB 52 SW



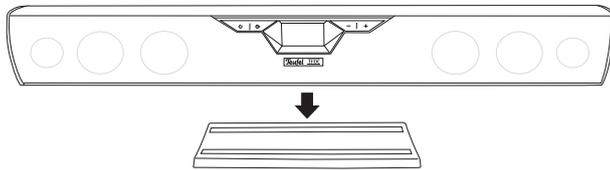
Item	Name	Description
25	CINEBAR IN	RCA input jack from CB 52 SB, SUBWOOFER OUT jack (9)
26	AUTO • ON	Subwoofer permanently switched on (ON) or only when activated by the Cinebar 52 THX (AUTO)
27		Power LED (red = standby, green = operation)
28	VOLUME	Set the subwoofer volume
29	POWER	Mains switch for the subwoofer
30		IEC input jack for mains cord (6)
31		Mains fuse

Setup/wall mounting

Setup location

Cinebar 52 THX

The space under the TV set is an ideal location.



Hang the Cinebar 52 THX either directly on the wall or use the stand ② to set it up under the television.

Subwoofer CB 52 SW

You should also place the subwoofer on the floor as close as possible to the television. However, you can also set it up at another location in the room as the human ear is unable to localise low tones.

However, do not set it up in the corner of the room as this may result in uncontrollable frequency rises.

Location tips

- Select a stable, level base.
In case of wall mounting, follow the instructions in the next chapter.
- Make sure that the environment is clean and free from dust.
- Select a location away from heat sources and direct sunlight.
- Lay the connector cable so that it does not pose a tripping hazard.
- Do not place any heavy objects on the cable or the devices.

Wall mounting

You will need the following material to mount the speaker on a solid stone wall:

- 2 x dowels (ø 8 mm)
- 2 x screws, 5 x 50 mm
(screw head = ø approx. 10 mm)

NOTE

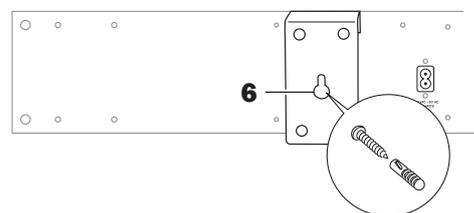
Proceed with care when mounting the product on the wall and follow the instructions below.

- Only qualified persons may mount the Cinebar 52 THX on the wall.
- The product may only be mounted on a suitable, solid wall. Special dowels or anchors may be necessary when mounting the product on light-weight walls. Consult a qualified professional in this case.

CAUTION

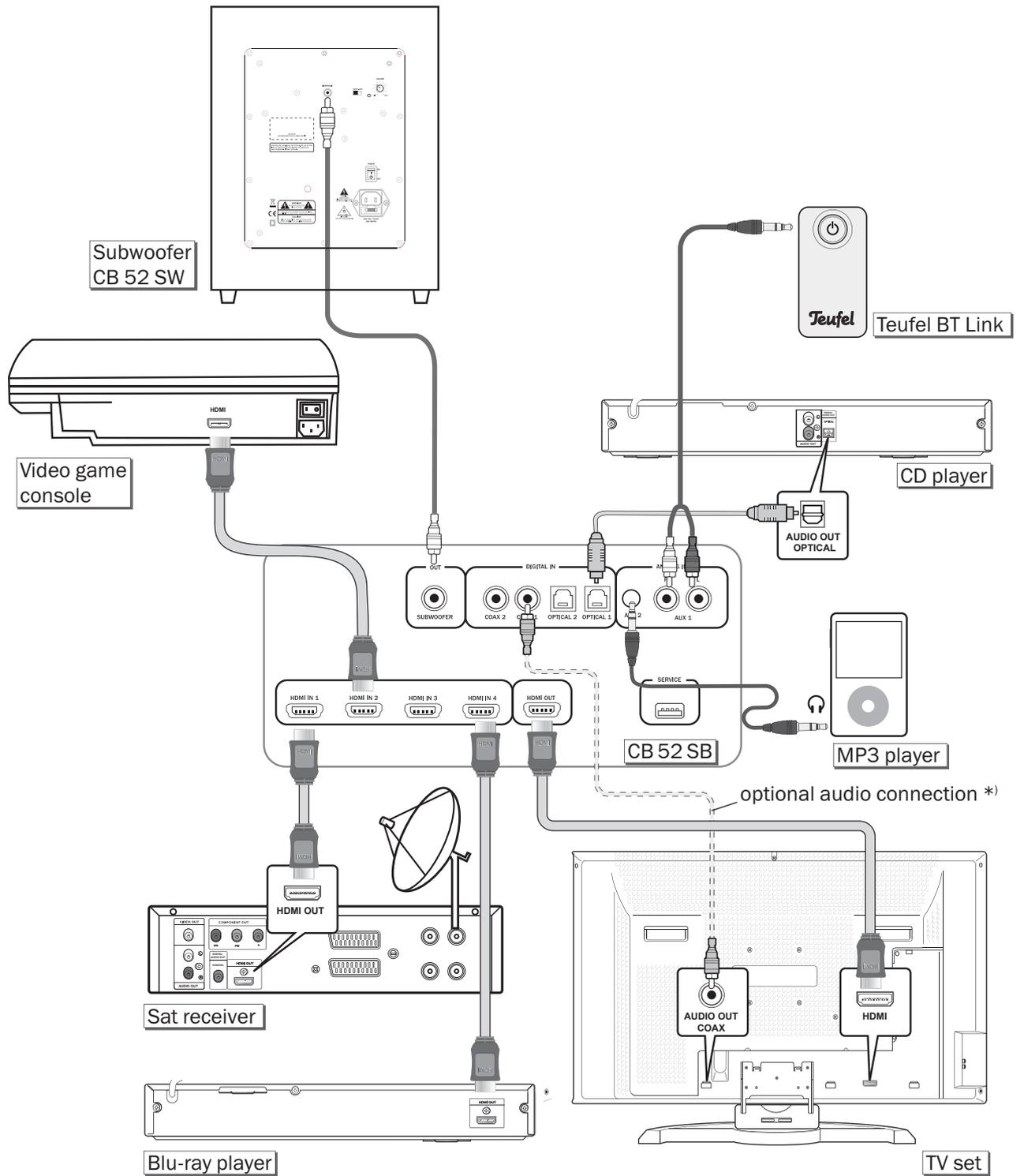
- Make sure that there are no cables or pipes in the drilling areas. Before you drill, use a metal detector to check the applicable areas. Otherwise there is a risk of electrocution/short-circuiting!

1. Space the holes in the wall at a distance of 54.75 cm apart (corresponding to the distance between the two mounting profiles where you would like to mount the Cinebar 52 THX). Use a ruler, pencil and spirit-level for this.
2. Use a metal detector to check the drill areas. If necessary, select another area for mounting the speakers.
3. Use a 8 mm rock drill to drill holes, which are approx. 45 mm deep, at the marked positions.
4. Insert the 2 dowels (ø 8 mm) all the way in the drill holes.
5. Screw one screw (5 x 50 mm) into each dowel until there is approx. 4 mm of space between the wall and the screw head.



6. Press the Cinebar 52 THX up against the wall so that the screws vanish in the keyhole openings (6). Now pull the Cinebar 52 THX down so that the screws slip into the small slot.
7. If applicable, screw the screws further in or out until the Cinebar 52 THX is securely mounted on the wall.

Connection example



This connection example only shows a few connection options. Often you can choose between several

connection variants for a device. Please read the operating instructions of the respective device in this regard.

Once you have connected all devices, you must also use the enclosed mains cord to connect the Cinebar 52 THX and the subwoofer with the power supply. Make sure that the sockets are easily accessible.

Devices connected to HDMI 1 – 4 do not have to be additionally connected to the television set. The video signal from these devices is looped through and forwarded to the television set via HDMI TV.

If you connect the devices as in this example, you must select the following source on the Cinebar 52 THX:

Sound from device	Select a source
Teufel BT Link	AUX 1
CD player	OPTICAL 1
MP3 player	AUX 2
TV set (reception from an integrated tuner)	HDMI TV if the TV set is ARC-capable *), COAXIAL 1 if the TV set is not ARC-capable *).
Blu-ray player	HDMI 4
Sat receiver	HDMI 1
Video game console	HDMI 2

Table 1

*) **ARC (Audio Return Channel)**.

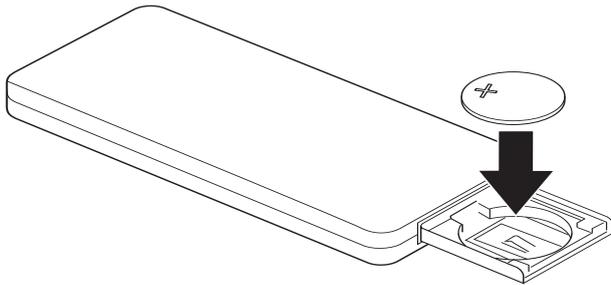
TV sets equipped with an ARC-capable HDMI jack can emit audio from the television via this HDMI jack and an ARC-capable HDMI cable. If your TV set has this capability, you do not require any additional cables in order to play television audio on your CB 52 SB.

Remote control

Removing insulation strips

An insulation strip has been applied between the battery and the contact. It ensures that the battery still has a full charge upon delivery. Simply pull off this strip.

Changing the battery



You should change the battery if the remote control stops working properly or after 2 years at the latest. Battery type: **CR 2025** lithium battery.

To change the battery remove the battery compartment cover from the remote control and change the batteries.

Make sure the polarity is correct!

WARNING

Swallowing the product battery may result in severe internal injury or even death.

- Store both new and used button cell batteries so that they are not accessible to children.
- If it is no longer possible to close the battery compartment, stop using the product and store it so that it is not accessible for children.
- If you suspect that a button cell battery has been swallowed or otherwise incorporated, promptly consult a physician.

Leaking battery acid may lead to chemical burns.

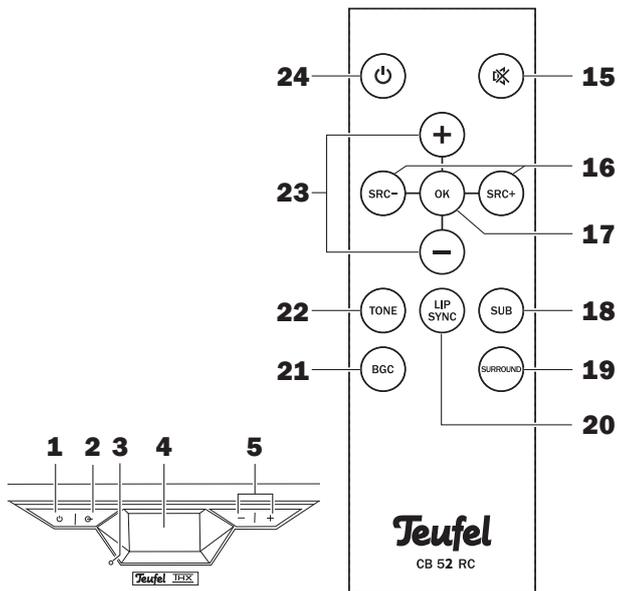
- Do not allow battery acid to come into contact with skin, eyes or mucus membranes. In the event of contact with acid, immediately flush the applicable areas with plenty of clean water and consult a physician if necessary.

WARNING

Batteries (particularly lithium batteries) can explode if used improperly.

- Never attempt to recharge batteries.
- Only use batteries of the same or equivalent type.
- You may not heat or short circuit batteries and rechargeable batteries or dispose of them in fire.
- Do not expose batteries and rechargeable batteries to direct sunlight.

Cinebar 52 THX



Activating and deactivating

- Turn the Cinebar 52 THX on or to standby with the ⏻ buttons (1)/(24). When in standby, the standby LED (3) will illuminate in red.

Selecting a source

Also see “Table 1” on page 13.

- Push the ⊖ button (2) on the device until the connector jack of the desired source appears on the display.
- Use the **SCR +/-** buttons (16) to select the source on the remote control. The respective setting will appear on the display (4).

Setting the volume

- On the device: Push the +/- (5) button.
- Using the remote control: Push the +/- (23) buttons.

Mute

- By pushing the ⏻ button (15) repeatedly, you can turn the sound off and on again.

Changing the subwoofer volume using the remote control

1. Push the **SUB** button (18).
The currently selected volume will be shown on the display (-6 to +6).

2. Use the +/- buttons (23) to set the subwoofer volume.

Shortly after the last button is pressed, the original readout will appear again on the display. The new settings have now been saved.

Setting the bass and treble tones

1. If necessary, push the **TONE** button (22) repeatedly until “Bass” or “Treble” appears on the display.
2. Set the desired values with the +/- buttons (23).
Shortly after the last button is pressed, the original readout will appear again on the display. The new settings have now been saved.

Selecting sound effects

Your Cinebar 52 THX is equipped with Dolby Virtual Speaker technology. This technology simulates the experience of a 5.1 surround sound system.

Three sound effects are available:

Reference: A surround sound effect.

Wide: An effect that makes the distance between the speakers seem greater.

Stereo: Default setting.

- If necessary, push the **Surround** button (19) several times to set the desired sound effect.
The respective setting will appear on the display.

Lip Sync

During movie playback, sometimes the image and audio are out of sync. You can use this function to resolve this bothersome effect.

1. Push the **Lip Sync** button (20).
The currently set value appears on the display (0 to 400 ms).
2. Use the +/- buttons (23) to set the delay between the image and audio.
Shortly after the last button is pressed, the original readout will appear again on the display. The new settings have now been saved.

BGC (Boundary Gain Compensation)

Activating this function compensates an excessively high bass level that is produced when the low frequencies are amplified by adjacent surfaces such as walls or shelves.

- Push the **BGC** button (21) until the function has been activated or deactivated.

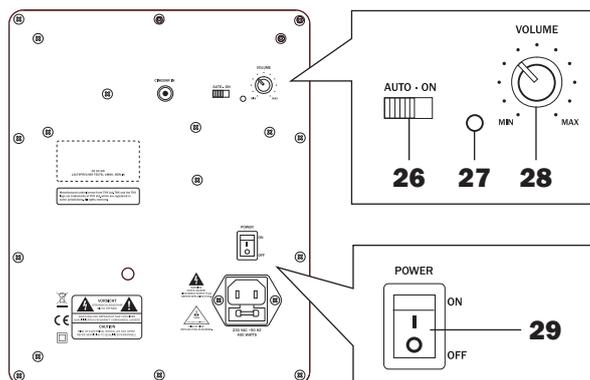
Subwoofer CB 52 SW

Turning the subwoofer on and off

- You can turn the subwoofer on and off with the mains switch **(29)**.
Once it has been activated, the power LED **(27)** will turn green. The subwoofer is in the power mode.

Setting the subwoofer

- **AUTO • ON** switch **(26)**
 - Switch position **AUTO**: The subwoofer switches to standby if it doesn't receive a signal for approx. 20 minutes.
Then the power LED **(27)** will illuminate in red. When the Cinebar 52 THX is activated, the subwoofer receives a signal again and switches back into operating mode.
 - Switch position **ON**:
The subwoofer stays in the operating mode even if it does not receive a signal.
- **Volume** control **(28)**
You can set the subwoofer volume with this control.
You can also use the **SUB** button **(18)** on the remote control to adjust the subwoofer volume.



Care and cleaning

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

Note

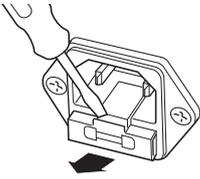
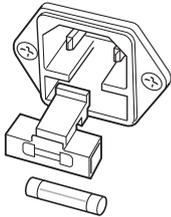
Risk of damage!

Using the wrong cleaning agents 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
The device doesn't emit any sound.	The wrong source has been selected.	Select the correct source (see page 15).
	The device is set to "mute".	Push the  button or adjust the volume.
	The volume is set to "0".	Increase the volume.
The sound is not ideal.	The settings are incorrect.	Set the bass tones, treble tones and sound effects (see page 15).
The subwoofer isn't working.	The subwoofer is off or doesn't have any power.	Activate the subwoofer with the switch (29) . Check the power cord and socket.
	The volume has been set too low.	Use the Volume control (16) and/or the Sub button (18) to increase the volume.
	Fuse defective.	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>1. </p> <p>Disconnect the power cord. Carefully pull the fuse holder on the mains connection jack out.</p> </div> <div style="text-align: center;"> <p>2. </p> <p>Push the old fuse down and out. Insert a new fuse (2 A delayed action) and push the holder back.</p> </div> </div>
The subwoofer hums.	The subwoofer is connected to a different power circuit from the rest of the system.	Connect the subwoofer and Cinebar 52 THX to the same power circuit.
	The hum is due to line disturbance.	Buy a mains filter and connect both devices to it.
	The hum is caused by a multiple socket strip.	Use a different multiple socket strip or connect the subwoofer directly to the wall socket. It may also help to insert the mains plug in the socket the other way around.
The subwoofer does not automatically turn off.	The AUTO/ON switch (26) is not set to "Auto".	Set the AUTO/ON switch (26) to "Auto".
Playback is noisy.	Generally speaking, the Cinebar 52 THX is a very low-noise system. The speaker system with very high resolution in the high range area can expose the poor quality of a signal source (e.g. from MP3 files).	Ensure that the source is sending a clear signal to the Cinebar 52 THX.

Technical data

	Subwoofer CB 52 SW	Cinebar 52 THX
Dimensions (WxHxD)	305 x 420 x 470 mm	1001 x 130 x 120 mm
Weight	17,7 kg	8,3 kg
Operating voltage	230 V~/50 Hz	230 V~/50 Hz
Max. power consumption	400 watts	200 watts

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

 This appliance fulfils the applicable European and national guidelines. This is confirmed by the CE mark (corresponding declarations are kept with the manufacturer).

Teufel

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

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