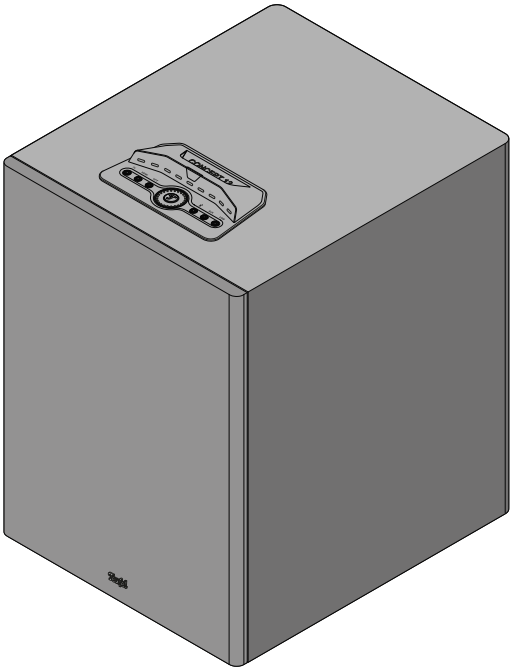
Technical description and user manual



CONCEPT 12

Active Subwoofer

Teufel

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Basic notes and information

For your information

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Teufel CONCEPT 12 UM EN V1.0.1 PD

Applicability of the user manual

This user manual applies exclusively to the **CONCEPT 12** active subwoofer, hereinafter also referred to as the "loudspeaker".

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Data protection and advertising declaration

Lautsprecher Teufel GmbH has no connection with the services of the Google Assistant system. We do not store any personal data and are not involved in any promotional mailings.

Original packaging

If you wish to make use of your right of return, we must ask you to keep the packaging.

We can only take back loudspeakers in their original packaging.

Empty cardboard boxes are not available.

Complaints

In the event of a complaint, we absolutely require the following information for processing:

1. Invoice number

- Please refer to the proof of purchase (enclosed with the loudspeaker), or the order confirmation that you received as a PDF document.

2. Serial number

- Refer to the rear of the loudspeaker.

Contact

If you have any questions, suggestions or criticisms, please contact us at:

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10787 Berlin (Germany)

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Online support:
www.teufelaudio.com/service
www.teufel.de/service

Contact form:

Germany:
www.teufel.de/kontakt

International:
www.teufelaudio.com/contact

Safety

Intended use

The loudspeaker serves as an amplifier and controller for audio signals from external players as well as for the playback of low frequencies.

- Only use the loudspeakers as described in this user manual.

Any other use is deemed to be improper and may result in material damage or even personal injury.

The manufacturer accepts no liability for damage caused by improper use.

The loudspeaker is intended for use in the private sphere.

Before starting up the loudspeaker:

- Read the user manual and safety booklet carefully.
- Keep the instructions in a safe place so that they can be passed on to third parties.
  - When passing on the loudspeaker, also pass on the instructions.

Explanation of warnings

Handling-related warnings precede handling steps that may result in a hazard.

The warnings are grouped into different risk categories depending on the seriousness of the respective hazard.

The hazard levels with the corresponding signal words are explained below.

ATTENTION

Possible material damage.

NOTE

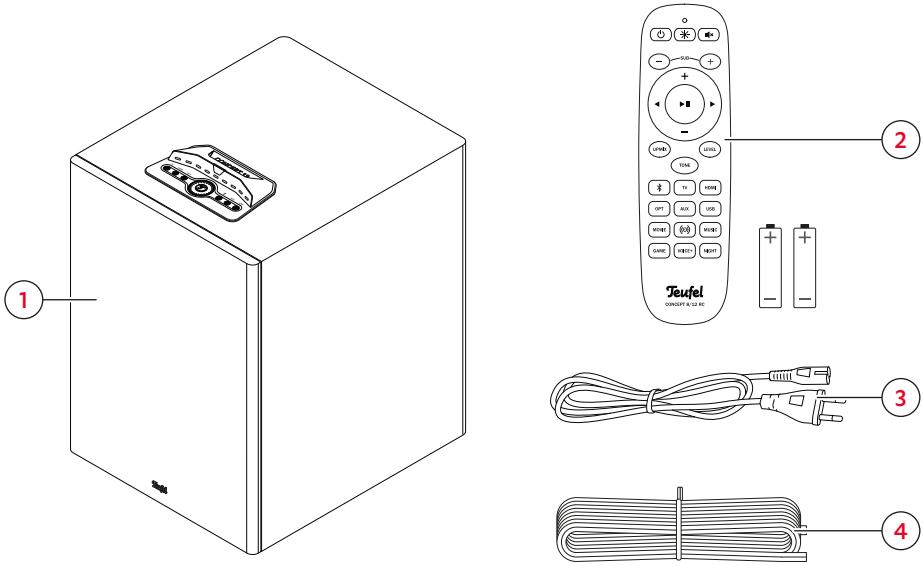
Additional information and tips.

Scope of supply

Unpacking the loudspeakers

- ► Open the box carefully, remove the EPE foam half-shell and carefully lift the loudspeaker out of the box.
  - ► Do not touch the membrane in the bottom of the loudspeaker when doing so.

Checking the scope of supply



Scope of supply

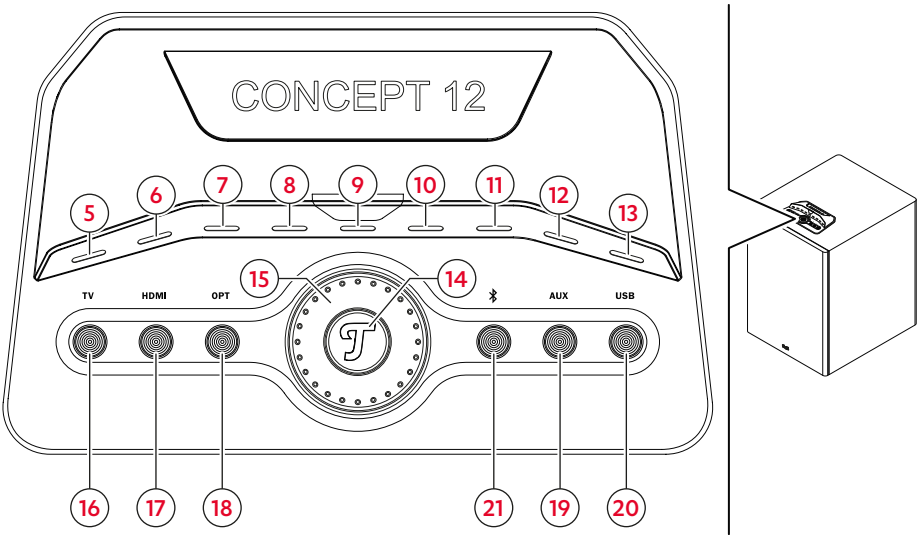
(1) CONCEPT 12
(2) Remote control including batteries* (2× LR03 AAA, 1.5 V)
(3) Mains cable (C7 / European standard plug)
(4) Loudspeaker cable (copper), 2× 1 mm², 25 m

* Insert the batteries for operating the remote control into the remote control prior to first use.

- ► Check the scope of supply for completeness.
- ► Check the scope of supply for damage.
- ► Keep the original packaging during the warranty period.

Operating and display elements

Operating panel



Operating panel on the top of the loudspeaker

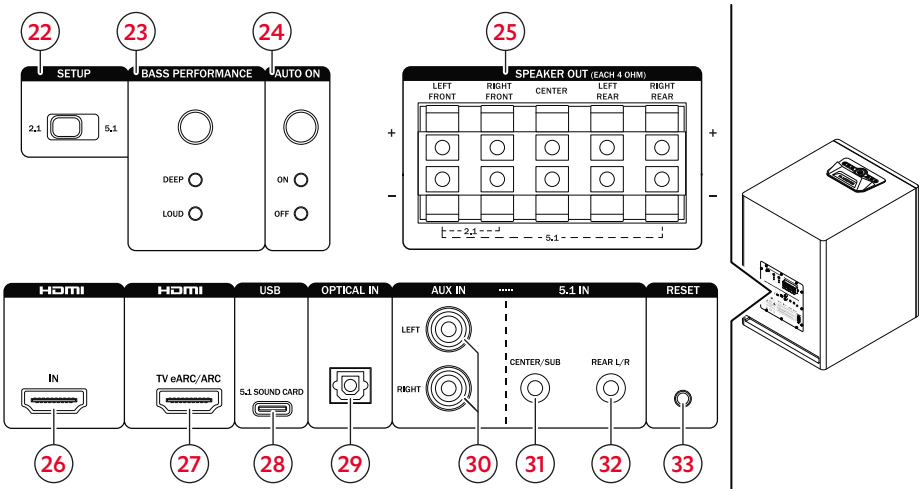
Legend (actuation):
● = press once
1.5 s = hold down (for 1.5 s)
= turn anticlockwise
= turn clockwise

No.	Button	Function	Actuation
(14)	⏻	→ *Switching on and off – p. 17*	●
(15)	Rotary knob	→ *Adjusting the volume – p. 19*	
(16)	TV	→ *Setting/changing the playback source – p. 18*	●
(17)	HDMI		
(18)	OPT		
(19)	AUX		
(20)	USB		
(21)	ᛒ	→ *Setting/changing the playback source – p. 18*	●
		→ *Pairing Bluetooth® devices – p. 15*	1.5 s

NOTE

LEDs **(5)**–**(13)** have various display functions e.g. standby mode, active external player and many others. The chapters on the corresponding loudspeaker functions explain the meanings of the different displays in the respective operating situations.

Connections



Switches and connections on the back of the loudspeaker

Legend (actuation):
● = press once HOLD = press and hold

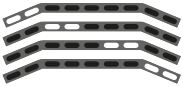
No.	Switch / Button	Function	Actuation
(22)	**SETUP**	→ *Setting the configuration – p. 12*	Switch position (2.1 / 5.1)
(23)	**BASS PERFORMANCE**	→ *Adjusting the bass performance – p. 23*	●
(24)	**AUTO ON**	→ *Auto-On – p. 17*	●
(33)	**RESET**	→ *Resetting to factory settings – p. 27*	HOLD

No.	Connection	Function
(25)	**SPEAKER OUT**	→ *Connecting satellite loudspeakers – p. 11*
(26)	**HDMI IN**	→ *Connecting sat receivers, Blu-ray players, game consoles – p. 13*
(27)	**HDMI TV**	→ *Connecting a TV – p. 12*
(28)	**USB**	→ *Connecting a PC – p. 14*
(29)	**OPTICAL IN**	→ *Connecting a TV – p. 12*
(30)	**AUX IN** LEFT/RIGHT	→ *Connecting the stereo system – p. 14* → *Connecting a TV – p. 12*
(31)	**5.1 IN** CENTER/SUB	
(32)	**5.1 IN** REAR L/R	

Remote control

(34) Power / Standby →p.17

(35) Screen brightness →p.20



Off
low brightness
medium brightness
maximum brightness

(36) Muting →p.20

Activate / deactivate muting.

Muting active

SUB +/— **(37) Subwoofer level** →p.21

Reduce / increase subwoofer level (Brange -10 dB bis +10 dB).

+/— **(38) Increase / Reduce**

Increase / reduce volume (→p.19).
Increase / reduce setting value in the tone control mode (TONE →p.22) and in the channel level mode (LEVEL →p.22).

▶II **(39) Play / Pause** and **Confirm**

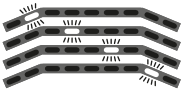
Pause / restart playback (→p.19).
Confirm entry and close mode in the tone control mode (TONE →p.22) and in the channel level mode (LEVEL →p.22).

◀/▶ **(40) Previous / Next**

Switch to previous / next track in Bluetooth playback (→p.19).
Change the settable frequency range / channels in the tone control mode (TONE →p.22) and in the channel level mode (LEVEL →p.22).

UPMIX (41) Upmix function

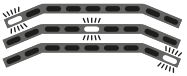
Change set playback option for stereo contents (only available in 5.1 configuration). →p.21



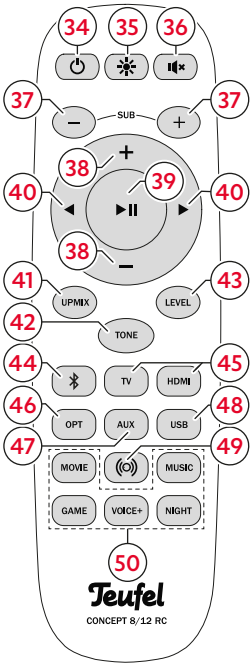
Dolby ProLogic II
Teufel Upmix
Stereo across all channels
Off
Upmix not available

TONE (42) Tone control mode

Start tone control mode. →p.22
Change the settable frequency range with ◀/▶ **(40)**.

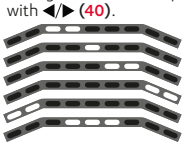


Bass
Mid
Treble



LEVEL (43) Channel level mode

Start channel level mode. →p.22
Set volume of the connected loudspeakers for optimum surround sound (briefly press for setting with test tone).
Change settable loudspeaker (channel) with ◀/▶ **(40)**.



Left Front (2.1 / 5.1)
Center (5.1)
Right Front (2.1 / 5.1)
Right Rear (5.1)
Left Rear (5.1)
Subwoofer (2.1 / 5.1)

(44) Bluetooth® →p.15

Playback from a wireless Bluetooth® device.

Press (1×): Change to Bluetooth®.
Press and hold (for 1.5 s): Activate pairing.
Press and hold (for 4 sec.): Reset all Bluetooth® settings.

TV (45) Source button TV

Playback from TV source device connected to HDMI TV **(27)**. →p.18

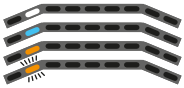
HDMI (45) Source button HDMI IN

Playback from HDMI source device connected to HDMI IN **(26)**. →p.18
Video tracks are relayed to HDMI TV **(27)**.

OPT (46) Source button OPTICAL IN

Playback from source device connected to OPTICAL IN **(29)**. →p.18

Sound format of the playback content for TV / HDMI / OPT:



PCM
DTS
Dolby Audio
Playback not possible.

AUX (47) Source button AUX IN

Playback from analogue source device connected to AUX IN **(30)**. →p.18

USB (48) Source button USB

Playback from digital source device (e.g. computer) connected to USB **(28)**. →p.18

(49) Dynamore® →p.20

Activate / deactivate Dynamore®

MOVIE
GAME
VOICE+
NIGHT
MUSIC **(50) Sound modes** →p.24

Set the required sound mode.

MOVIE
GAME
VOICE+
NIGHT
MUSIC

Overview of remote control functions

Setup

ATTENTION

Material damage due to improper installation!

If the loudspeaker is brought into a warm room from the cold (e.g. after transport), condensation can form on the inside.

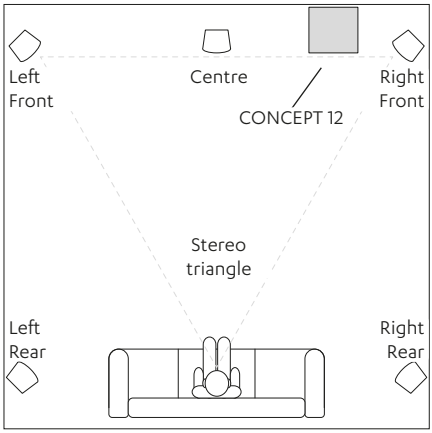
- ▶ Wait at least 2 hours before connecting and operating the loudspeaker if condensation may have formed on the inside.

1. Carry the loudspeaker carefully to the place of installation.
2. Place the loudspeaker on a stable and level surface.
   - ▶ Make sure that the loudspeaker is resting firmly in a stable position to prevent vibrations.
   - ▶ Do not place any objects on the loudspeaker.
3. Set up the satellite loudspeakers. → *Connecting satellite loudspeakers – p. 11*
   - ▶ Note the associated user manual.

☑ **The loudspeakers are in position.**

Notes on the place of installation

- Dry, dust-free environment.
- Avoid proximity to heat sources and direct sunlight.
- Connection cables must not cause a trip hazard.
- Where possible, position satellite loudspeakers at the same distance on the left / right of the listener or attach them to the wall.
- The location of the subwoofer can be selected irrespective of the satellite loudspeakers.
- Do not position the subwoofer in a corner of the room as this runs the risk of the frequency being increased in an uncontrollable manner.

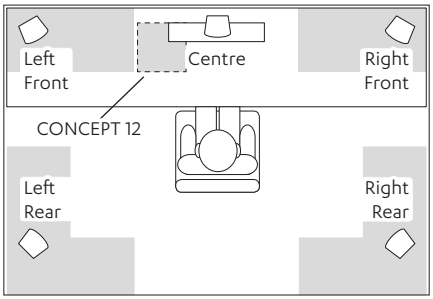


Installation in the home

Installation as a PC sound system

When used as a PC sound system, it is a good idea to concentrate on the sound in the PC workplace, i.e. the area where the screen and listener are located.

- ▶ Position the loudspeakers within the grey areas.



Installation as a PC sound system

Connecting satellite loudspeakers

NOTE

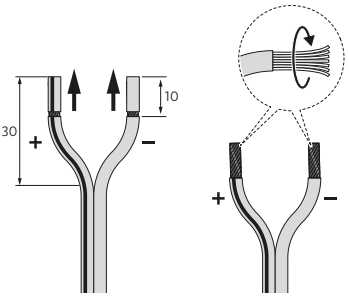
First of all, arrange the satellite loudspeakers and subwoofer as desired and plan all the cable routes. Only cut the loudspeaker cable **(4)** down to the required length once you have set up all the components in the right place.

NOTE

When connecting the loudspeakers, observe correct polarity: Always connect the same colour terminals otherwise the sound quality will suffer.

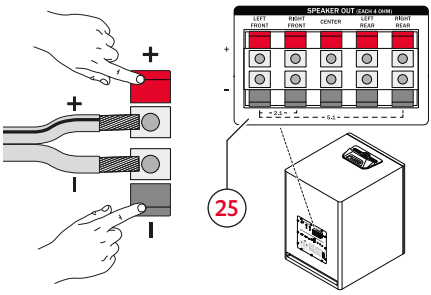
1. Lay the loudspeaker cable from the subwoofer to each satellite loudspeaker.
   - ► 2 satellite loudspeakers for 2.1 configuration;
     5 satellite loudspeakers for 5.1 configuration.

2. Strip the loudspeaker cable at both ends over a length of approx. 30 mm, and remove approx. 10 mm of insulation from each end.
   - ► Twist the stripped cable ends so that no wires are sticking out.



Loudspeaker cable

3. Push down the lever of the connection terminal and insert the stripped cable end in the opening. The cable ends are clamped when the levers are released.
   - ► Make sure that no insulation gets clamped with the cable ends.



Connecting the loudspeakers

4. Connect all cables to the **SPEAKER OUT** connection **(25)** as described.
   - ▶ Note the marking for the respective loudspeaker functions (LEFT FRONT, RIGHT FRONT, CENTER, LEFT REAR, RIGHT REAR).
5. Connect the other ends of the loudspeaker cables to the satellite loudspeakers.
   - ▶ Note the associated user manual.
6. Set the configuration according to the number of connected satellite loudspeakers.
   → *Setting the configuration – p. 12*

Setting the configuration

NOTE

Set the configuration depending on the intended use and according to the number of connected satellite loudspeakers.

- ▶ Set the **SETUP switch (22)** to 2.1 or 5.1.

  2.1 configuration:
  2× satellite loudspeakers (2× Front)
  + 1× subwoofer.

  5.1 configuration:
  5× satellite loudspeakers
  (2× Front, 2× Rear, 1× Center)
  + 1× subwoofer.

☑ **The configuration has been set.**

Connecting external players

You have the option of connecting external players to the loudspeaker via cable or via Bluetooth®.

NOTE

You can find a suitable cable for this in our web store.

Connecting a TV

- Connection: HDMI TV **(27)**
- Cable required: HDMI cable (HDMI 2.0)
- With the ARC (Audio Return Channel) HDMI function, the TV sound is output via HDMI. On certain TVs, the ARC function must be activated in the menu and usually only one HDMI port is ARC-capable (see TV's operating instructions). If your TV has an ARC-capable socket, connect it to the HDMI TV port via an ARC-capable HDMI cable.

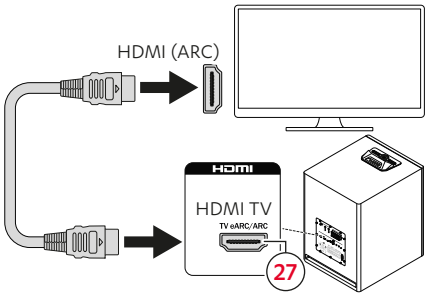


Illustration of HDMI TV connection

- With the CEC (Consumer Electronics Control) HDMI function, control commands are exchanged between connected devices, i.e. you can

centrally control all connected CEC-enabled devices (e.g. switch on, standby, volume). When a device starts, all connected devices switch on at the same time and automatically find the right channel. Ideally, you only need one remote control.

NOTE

If your TV does not support the ARC HDMI function, as an alternative – and depending on the equipment – you can use the digital OPTICAL IN **connection (29)** or the analogue AUX IN **connection (30)** to connect the TV to the loudspeaker.

- Connection: OPTICAL IN **(29)**
- Cable required: Optical cable with TOSLINK connector

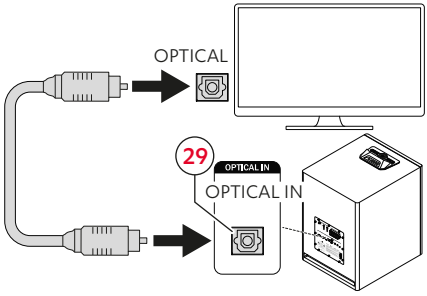


Illustration of OPTICAL IN connection

- Connection: AUX IN **(30)**
- Cables required: Stereo mini-jack (3.5 mm) on 2× mono-cinch (Front L/R), Stereo mini-jack cable (Rear L/R), Stereo mini-jack cable (Center).
- Correctly set the TV's configuration (channel layout, bass management, etc.).

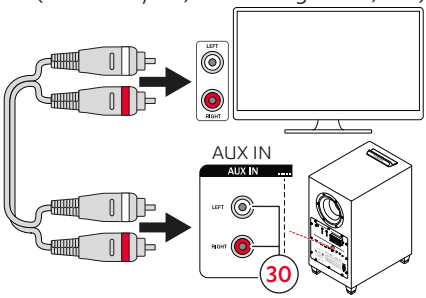


Illustration of AUX IN LEFT/RIGHT connection

Connecting sat receivers, Blu-ray players, game consoles

- Connection: HDMI IN **(26)**
- Cable required: HDMI cable
- Connection of an external player with digital picture and sound. The external player does not have to be connected to the TV. The video signal of the external player is looped through and relayed to the TV via HDMI TV.

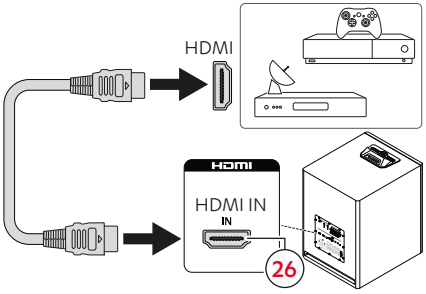


Illustration of HDMI IN connection

Connecting a PC

- Connection: USB **(28)**
- Cable required: USB data cable (USB C).
- Set up 2.1 or 5.1 configurations in the PC system controls; set all channels in the bass management (PC) to "Full-spectrum loudspeaker" and "Large", since CONCEPT 12 is provided with integrated bass management.

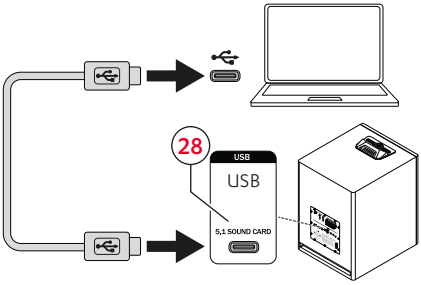


Illustration of PC connection

NOTE

When setting up the 5.1 configuration in the PC system controls, connected rear loudspeakers may be addressed / identified as side loudspeakers.
This is not an error and has no impact on the use / operation of the loudspeaker system.

Connecting the stereo system

- Connection: AUX IN **(30)** | 5.1 IN CENTER/SUB **(31)** | 5.1 IN REAR L/R **(32)**
- Cables required: Stereo mini-jack (3.5 mm) on 2× mono-cinch (Front L/R), Stereo mini-jack cable (Rear L/R), Stereo mini-jack cable (Center).
- Correctly set the configuration of the external player (channel layout, bass management, etc.).

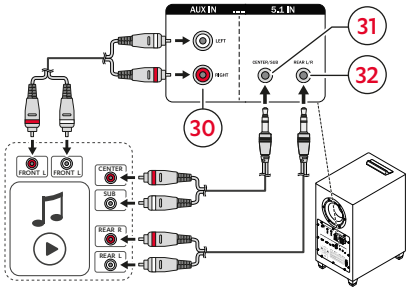


Illustration of 5.1 IN (CENTER/SUB + REAR L/R) connection

Pairing Bluetooth® devices

A compatible external player is connected wirelessly to the loudspeaker via Bluetooth®. To make this connection, the loudspeaker and external player must first be paired.

NOTE

The loudspeaker can save up to 7 Bluetooth® external players which are automatically connected without having to be paired (Bluetooth® list).

1. Activate the Bluetooth® function on the external player.
2. Press the button ᛒ **(21)** / **(44)** on the operating panel or on the remote control to activate the Bluetooth® function on the loudspeaker.

☑ **Bluetooth® is set as the source. The loudspeaker automatically searches for devices that have already been paired (Bluetooth® list). If the loudspeaker registers such as device in its vicinity, it automatically tries to make the connection with this device.**

3. Press the button ᛒ **(21)** / **(44)** on the operating panel or on the remote control for 1.5 seconds.

   The LED **(11)** flashes blue.

LED display	Meaning
	Bluetooth® pairing

☑ **Bluetooth® pairing mode is activated.**

4. Search for Bluetooth® devices on the external player.
   - ► Follow the user manual of the external player.
5. Select the "TEUFEL CONCEPT 12" loudspeaker in the list of Bluetooth® devices.

   The LED **(11)** lights up white.

LED display	Meaning
	Bluetooth® device connected

☑ **Pairing has been completed; the Bluetooth® device and loudspeaker are connected.**

- ► Use the loudspeaker as the output device.

  Control is performed via the Bluetooth® device, the volume is synchronised.

- ► To disconnect, deactivate the Bluetooth® function on the external player or change the playback source.

☑ **The Bluetooth® connection has been disconnected.**

- ► Press the button ᛒ **(21)** / **(44)** on the operating panel or on the remote control for 4 seconds to delete the Bluetooth® list from the loudspeaker.

  The LED **(11)** flashes white.

LED display	Meaning
	Deletion of the Bluetooth® list

☑ **Bluetooth® list is deleted.**

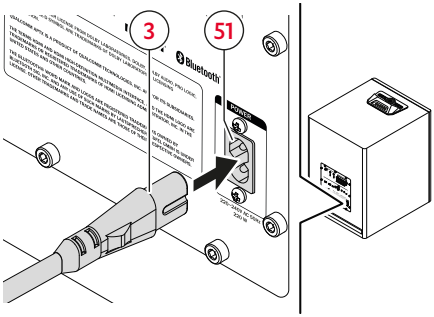
Mains connection

ATTENTION

Material damage due to trip hazard!

An awkwardly laid mains cable can become a trip hazard and possibly pull down and damage the loudspeaker.

- ► Lay the mains cable in such a way that it does not become a trip hazard for people and animals.



Mains connection

1. Connect the mains cable **(3)** to the loudspeaker's power connector **(51)**.
2. Connect the mains cable **(3)** to a mains socket.

☑ **The loudspeaker is connected and in standby mode.**

Switching on and off

NOTE

If the loudspeaker is connected to the mains but not switched on, it is in standby mode.

Switching on the loudspeaker

- To switch on, press the button ⏻ **(14)** on the operating panel or the button ⏻ **(34)** on the remote control.

  or

- To switch on and set the playback source at the same time, press the appropriate button **(16)**–**(21)** on the operating panel or the appropriate source button **(44)**–**(48)** on the remote control.

  After a start animation, the illuminated LED **(5)** / **(6)** / **(7)** / **(11)** / **(12)** / **(13)** indicates the most recently set, active external player.

LED display	Player (source)
	TV
	HDMI
	OPT
	Bluetooth®
	AUX
	USB

☑ **The loudspeaker is switched on.**

Switching off the loudspeaker

- Press the button ⏻ **(14)** on the operating panel or the ⏻ button **(34)** on the remote control.

☑ **The loudspeaker is in standby mode.**

Auto standby

After 10 minutes without an input signal, the loudspeaker automatically switches to standby mode.

Auto-On

If the "Auto-On" function is activated, the loudspeaker automatically switches on in the standby mode when a connected external player is played.

The illuminated LED "ON" or "OFF" indicates whether the "Auto-On" function has been activated (ON) or deactivated (OFF).

- Press the **AUTO ON** button **(24)** on the back of the loudspeaker to change the setting.

☑ **The "Auto-On" function has been activated / deactivated.**

You can also use the sensitivity of the "Auto-On" function to set the sensitivity level at which the loudspeaker reacts and the strength of the signal required for the loudspeaker to switch on automatically.

- Low (low sensitivity): Loud signal required.
- Middle (medium sensitivity): Moderately loud signal required
- High (high sensitivity): Quiet signal sufficient.

▶ Press and hold the **AUTO ON**button **(24)** for 1.5 seconds to change the sensitivity.

The "ON" LED above the button indicates the set sensitivity.
Low: "ON" LED flashes 1×,
Middle: "ON" LED flashes 2×,
High: "ON" LED flashes 3×.

Setting / changing the playback source

▶ To set the playback source, press the corresponding source button **(16)**–**(21)** / **(44)**–**(48)** on the operating panel or on the remote control.

The illuminated LED **(5)** / **(6)** / **(7)** / **(11)** / **(12)** / **(13)** indicates the set external player.

LED display	Player (source)
	TV
	HDMI
	OPT
	Bluetooth®
	AUX
	USB

☑ **The external player has been set as the source.**

NOTE

In addition, the sound format of the playback content of the TV, HDMI and OPT external players is indicated via colour.

LED display	Sound format
	PCM
	DTS
	Dolby Audio
	Playback not possible

NOTE

If the associated LED flashes orange (playback not possible), change the playback format to Dolby Audio, DTS or PCM.

Playback

- Start playback via the configured external player.

Pausing and re-starting playback

- Press button ▶❚❚ (39) on the remote control.

☑ **Playback is paused.**

- Press button ▶❚❚ (39) again on the remote control.

☑ **Playback continues.**

Playing the previous track

- Press button ◀ (40) on the remote control.

☑ **The current track is started from the beginning.**

- Press button ◀ (40) twice on the remote control .

☑ **The previous track is started.**

Playing the next track

- Press button ▶ (40) on the remote control.

☑ **The next track is started.**

Adjusting the volume

NOTE

The volume setting on the external player also affects the loudspeaker's volume.

Reducing / increasing the volume

- Turn the rotary knob (15) anticlockwise on the operating panel or press the button — (38) on the remote control.
  - To lower / increase the volume gradually (faster), press and hold the button — (38).

☑ **The volume is lowered.**

LED display	Meaning
	Reduce volume

- Turn the rotary knob (15) anticlockwise on the operating panel or press the button + (38) on the remote control.
  - To lower / increase the volume gradually (faster), press and hold the button + (38).

☑ **The volume is increased.**

LED display	Meaning
	Increase volume

Muting

- ▶ Press the button **(36)** on the remote control.
- ☑ **Muting is activated (playback is muted).**

LED display	Meaning
	Muting active

- ▶ Press the button **(36)** on the remote control again.
- ☑ **Muting is deactivated (playback takes place in the previously set volume).**

NOTE

To deactivate muting and increase the volume in steps or gradually, you can also use the rotary knob **(15)** on the operating panel or the button **+ (38)** on the remote control.

Setting the display brightness

- ▶ Press the button **(35)** on the remote control (several times if necessary).

  The brightness of the LEDS **(5)**–**(13)** is reduced in steps.

LED display	Meaning
	lowest brightness (Off)
	low brightness
	medium brightness
	maximum brightness

- ☑ **The display brightness has been set.**

NOTE

When set to "lowest brightness (Off)", the LED display will go out after a few seconds if there is no interaction with the loudspeaker (e.g. a button press).

Switching Dynamore® on and off

Dynamore® is a technology developed by Teufel that virtually expands the stereo panorama to create an impressive, wide-ranging sound.

NOTE

Dynamore® functions best of all when satellite loudspeakers are close together (e.g. installation as a PC sound system). Installation with a large distance between the satellite loudspeakers may reduce the perceived widening effect.

- ▶ Press button **(49)** on the remote control.

  The LEDs **(5)**–**(13)** light up one after the other from the inside to the outside.
- ☑ **Dynamore® has been switched on.**

LED display	Meaning
	Activate Dynamore®

- ▶ Press the **button (49)** on the remote control again.

  The LEDs **(5)**–**(13)** light up one after the other from the outside to the inside.
- ☑ **Dynamore® has been switched off.**

LED display	Meaning
	Deactivate Dynamore®

Activating / setting Upmix

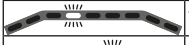
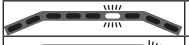
When the Upmix function is activated, stereo contents (2 channels) are played in surround sound (5.1): The CONCEPT 12 calculates the signals required for the additional loudspeakers (Rear L/R, Center) and thereby creates a full surround sound.

NOTE

The Upmix function can only be used with sources delivering 2 channels (e.g. Bluetooth®, 2-channel PCM over HDMI or Optical). No UPMIX is available if the **SETUP switch (22)** is set to 2.1.

1. Press the **UPMIX button (41)** on the remote control.

   The LEDs **(6)** / **(8)** / **(10)** / **(12)** stand for the four settable Upmix algorithms; the current selection flashes.

LED display	Upmix algorithm
	Dolby ProLogic II
	Teufel Upmix
	Stereo across all channels
	Upmix switched off (Off)

2. Press the **+ / - button (38)** again to change to the next Upmix algorithm.

☑ **Upmix algorithm has been set.**

NOTE

If the Upmix function is not available owing to a 2.1 configuration, the LEDs **(5)**–**(13)** provide a special animation sequence (they light up and then go out).

Setting the subwoofer level

- Set the subwoofer level with the **SUB —** / **SUB +** buttons **(37)** on the remote control.
  - Press the **SUB —** button.

☑ **The subwoofer level is reduced in steps (1 dB steps) (up to -10 dB).**

  - Press the **SUB +** button.

☑ **The subwoofer level is increased in steps (1 dB steps) (up to +10 dB).**

LED display	Meaning
	0 dB (standard setting)
	Reduce (up to -10 dB)
	Increase (up to +10 dB)

Adjusting the sound

1. Press the **TONE button (42)** on the remote control.

   The LEDs **(5)** / **(9)** / **(13)** stand for the three settable frequency ranges (Bass / Mid / Treble); the current selection flashes.

LED display	Frequency range
	Bass
	Mid
	Treble

☑ **Tone control mode has been activated and can be set.**

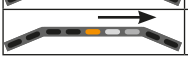
2. Use the ◀/▶ buttons **(40)** to select the required frequency range (Bass / Mid / Treble).
3. Use the buttons —/+ **(38)** to set the selected frequency range.

   ▶ Press the — button.

☑ **The frequency range is reduced in steps (1 dB steps) (up to -10 dB).**

   ▶ Press the + button.

☑ **The frequency range is increased in steps (1 dB steps) (up to +10 dB).**

LED display	Meaning
	0 dB (standard setting)
	Reduce (up to -10 dB)
	Increase (up to +10 dB)

4. Press the ▶II **button (39)** on the remote control.

☑ **Setting has been saved and tone control mode has been disabled.**

Setting the channel level

You set the volume levels for the individual channels (satellite loudspeakers) in the channel level mode. The aim is for the individual channels to have the same volume at the listening position.

NOTE

If necessary, set a higher volume for satellite loudspeakers which are further away than for satellite loudspeakers which are nearer.

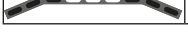
NOTE

Use the automatically activated noise generator to adjust the volume levels at the listening position and set the volume for each loudspeaker by ear, or use an SPL meter.

1. Press the **LEVEL** button **(43)** on the remote control.

   The selected channel is indicated by means of the LEDs **(5)**-**(13)**.

   ▶ Change the selected channel by means of the ◀/▶ **buttons (40)**.

LED display	Channel
	Left Front (2.1 / 5.1)
	Center (5.1)
	Right Front (2.1 / 5.1)
	Right Rear (5.1)
	Left Rear (5.1)
	Subwoofer (2.1)

☑ **Channel level mode has been activated and the volume can be set for the selected channel.**

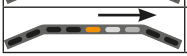
2. Set the selected channel level with the **—/+** buttons **(38)** on the remote control.

   ▶ Press the **—** button.

☑ **The channel level is reduced in steps (1 dB steps) (up to -10 dB).**

   ▶ Press the **+** button.

☑ **The channel level is increased in steps (1 dB steps) (up to +10 dB).**

LED display	Meaning
	0 dB (standard setting)
	Reduce (up to -10 dB)
	Increase (up to +10 dB)

3. Press button ▶❚❚ **(39)** on the remote control.

☑ **Channel level mode has been disabled and the last settings have been saved.**

Adjusting the bass performance

You adjust the bass performance depending on the playback content and your personal preferences. The following modes are available to choose from:

- **DEEP**: Offers the full frequency range with emphasis on the lowest bass tones.

  Suitable for the playback of film and music with very low bass components (rap, hip hop, organ music, etc.) and as a standard setting for all material if the maximum level of the subwoofer is sufficient for the application.

- **LOUD**: Offers slightly reduced frequency range in the low bass frequencies with emphasis on the upper bass tones.

  Suitable for music reproduction with a high upper bass component (pop music, techno, etc.) or if a higher achievable subwoofer level is more important than the playback of the lowest bass components.

1. Press the **BASS PERFORMANCE** button **(23)** on the back of the loudspeaker 1× to go to the change mode.
2. Press the **BASS PERFORMANCE** button **(23)** again to toggle between the settings.

   The illuminated LED "DEEP" or "LOUD" indicates the activated setting.

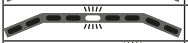
☑ **DEEP" or "LOUD" bass performance has been set.**

Setting the sound mode

Sound modes are preset sound profiles which are optimised for different feedback contents or situations.

► Press the appropriate sound button **(50)** on the remote control to set the sound mode.

The LEDs **(5)** / **(7)** / **(9)** / **(11)** / **(13)** stand for the five settable sound modes; the current selection flashes.

LED display	Sound mode
	MOVIE
	GAME
	**VOICE+**
	NIGHT
	MUSIC

☑ **Sound mode has been set.**

The different sound modes are distinguished as follows:

- **MOVIE**: Improved bass tones and dynamic response; for film playback and standard setting with the most neutral / most balanced adjustment.
- **GAME**: More intense gaming experience; for games / gaming.
- **VOICE+**: Better speech quality; for clear playback of voices.
- **NIGHT**: Reduced bass sounds and dynamic.
- **MUSIC**: Slight bass and treble emphasis (slight loudness adjustment); for playing back music.

Cleaning and care

ATTENTION

Material damage due to improper cleaning!

The use of unsuitable cleaning agents can lead to the discolouration and destruction of the surface.

- ► Do not allow moisture to get inside.
- ► Only clean the loudspeaker with a soft, dry cloth.

1. Remove dust and light contamination with a dry leather cloth.
2. Remove stubborn stains with a cloth slightly moistened with mild soapy water.
3. Then rub damp surfaces dry with a dry, soft cloth without applying pressure.

☑ **The loadspeaker has been cleaned.**

Replacing the batteries (remote control)

1. Slide the battery compartment open towards the bottom.
2. Remove the old batteries and insert new batteries of the same type.
3. Close the battery compartment.

☑ **The batteries have been replaced.**

Troubleshooting

▶ Follow the instructions below to eliminate possible faults:

Malfunction	Possible cause	Remedy
The loudspeaker does not start.	No network connection.	▶ Connect the loudspeaker. → *Mains connection – p. 16*
No sound.	The volume is too low.	▶ Increase the volume. → *Adjusting the volume – p. 19*
	The volume on the external player is too low.	▶ Increase the volume on the external player (e.g. smartphone).
	The loudspeaker is not connected to the external player.	▶ Connect the loudspeaker to the external player. → *Connecting external players – p. 12*
	The external player has not been selected.	▶ Set the external player as the output device. → *Setting/changing the playback source – p. 18*
	Another radio system is interfering with the Bluetooth® connection.	▶ Move the loudspeaker to another location.
No sound from HDMI IN / HDMI TV / OPTICAL IN.	The external player has an unsuitable digital output format.	▶ Make sure that the output format is Dolby Digital or DTS Bitstream. ▶ In the external player's set-up menu, set the digital output format to "PCM" if there are problems playing back with Dolby Digital bitstream.
	External device (TV) has not been connected properly.	▶ Make sure that CONCEPT 12 is connected to the TV's ARC (Audio Return Channel) connection and that ARC has been activated in the TV settings.
Remote control is not working.	Batteries are dead.	▶ Insert new batteries. → *Replacing the batteries (remote control) – p. 25*

Malfunction	Possible cause	Remedy
Not all satellite loudspeakers are active.	2.1 configuration set instead of 5.1 configuration.	▶ Change to 5.1 configuration and ensure that Upmix has been activated. *→ Setting the configuration – p. 12*
	Loudspeaker cable incorrectly connected.	▶ In the channel level mode, ensure that all satellite loudspeakers have been correctly connected. When changing through the channels, "pink noise" must be audible in each channel. *→ Setting the channel level – p. 22*
Some satellite loudspeakers are too quiet, others too loud.	The volumes of the individual loudspeakers have not been adjusted in relation to each other.	▶ Set the volumes of the individual loudspeakers. *→ Setting the channel level – p. 22*
The loudspeaker is buzzing.	Problems with the power supply.	▶ Connect the mains filter to the device.
	Using a multiple socket strip	▶ Replace the multiple socket strip or connect the loudspeaker directly to the wall socket.

Resetting to factory settings

NOTE

All user settings and data are deleted and reset to the factory settings.

- ▶ Press and hold the **RESET button (33)** on the back of the loudspeaker until the rear LEDs flash.

☑ **The loudspeaker has been reset to the factory settings. All personal settings have been deleted.**

Technical data

General technical data	
Dimensions (W x H x D)	410 mm × 590 mm × 480.5 mm
Weight	27.66 kg
Mains voltage	220–240 V AC / 50 Hz
Operating temperature	0°C to 45°C
Storage temperature	-20°C to 65°C

Radio network	Frequency bands	Transmitting power
Bluetooth®	2400–2483.5 MHz	8.3 mW / 9.2 dBm

CE

Lautsprecher Teufel GmbH hereby declares that the subwoofer CONCEPT 12 complies with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following Internet address:

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

Teufel

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