



Motiv 2

Active 2.1 Multimedia Speaker Set

Teufel

For your information

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Original packaging

We recommend that you keep the packaging if you want to use the eight-week right of return because we can accept the loudspeakers only IN THEIR ORIGINAL PACKAGING. Empty boxes are not available!

Please contact our service department if you have any questions, suggestions or if there is anything you think we could do better.

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Warranty terms

12 year warranty for speakers and 2 year warranty for power amplifiers and electronics (from purchase date) on materials and work time, with the exception of damage caused by incorrect use or electrical or mechanical overload. An original copy of our invoice is required as warranty document. This warranty applies exclusively to loudspeakers, power amplifiers and electronics that have been purchased from Teufel for private use by end customers. The warranty is not valid for speakers, power amplifiers and electronics that the end user has purchased from a different distributor. The warranty conditions of the respective manufacturers are valid for third party products. If the Teufel product is sold on privately, the warranty may be transferred to the purchaser, provided that the original proof of purchase is also transferred.

Returns

Teufel guarantees an eight-week right of exchange or return with reimbursement of the full purchase price paid.

The return of individual components from a set is only possible if these components are also offered for sale separately by Lautsprecher Teufel. If one or more components are returned, any price discount given by Lautsprecher Teufel on all components in a set as part of the price for the set is waived. For the components returned, customers shall therefore be refunded only the difference between the set price and the purchase price of the individual components that they retain. The financial outcome for customers is as if they had bought the remaining components at the individual price from the outset.

You can find more information on the subject of returns on the returns form that accompanies the delivery or online in the support area of our website www.teufelaudio.com

If you need to return an item, do not act without the prior agreement of Lautsprecher Teufel.

We can only process and accept returns if you have informed us first by phone and discussed the procedure with us!

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Safety information

Please read the following safety information carefully.

*Risk of suffocation – keep packaging materials (e.g. the plastic film) out of the reach and sight of children.
Risk of electrocution – do not leave children unsupervised with electrical devices!*

In case of emergency:

If any of the following occur, disconnect the device from the mains and consult our technicians:

- ▶ If the plug or cable are damaged
- ▶ If foreign bodies or liquid have penetrated the device
- ▶ If the device has been in direct contact with rain or other water
- ▶ If the device does not play, even though you have followed the instructions for use
- ▶ If the device has been dropped or damaged in some other way

We cannot accept any responsibility for incidences that occur because of non-observance of the safety information.

Important: Please read through these operating instructions very carefully. It is essential that you take note of all of the safety information and operating instructions before switching on the appliance. Please keep these operating instructions in a safe place for future reference.

Important: Please read the operating instructions. You should also follow all instructions for start-up and ongoing use.

Information on cleaning: Please do not attempt to clean the appliance using household chemicals because they could damage its surface. Simply use a dry cloth. Disconnect the appliance from the mains before cleaning.

Caution - moisture and sunlight: Never operate the devices in damp rooms, i.e. close to baths, showers, wash basins, drains, damp cellars or swimming pools; never use them where there is moisture. Never expose the speakers to high air humidity and avoid direct sunlight. Do not expose device to dripping or splashing water. Do not place objects filled with liquids, such as vases on the device.

Information on location: Do not use the device unsecured in vehicles, in unstable places, on wobbly tripods or furniture or supports that are too small. The speakers could fall and cause damage to people, including yourself. Speakers, particularly if positioned on stands or on the TV/monitor, may fall and cause damage due to their weight, even if they have been positioned securely and stably, as a result of external influences (pulling on the cable, tripping over the cable, unintentional physical contact). This also applies to wall supports that have been attached inappropriately or incorrectly to walls that may not be capable of supporting their weight. Only use suitable wall brackets for mounting. Make sure that you know how much weight the walls can bear. The device must not be placed near sources of heat. This includes radiators and heaters, ovens and other appliances that emit heat (e.g. amplifiers). Sources of heat, such as fan heaters or candles, should not be placed on the speakers.

For ventilation: Slits and openings in the case have been provided for ventilation. Their purpose is to guarantee reliable operation and to prevent the device from overheating. These openings must not be blocked or covered, including by placing the device on a bed, sofa, carpet or other soft surface. Do not place any newspapers or table cloths, etc. on the device. The cooling plate of the amplifier electronics must not be covered or exposed to direct sunlight. Additional active cooling of the device is generally not permitted.

Electrical supply: The subwoofer must only be supplied from a power source with the correct voltage as specified on the identification label. If you are unsure about the electricity supply in your home, please contact us or your electricity supplier for more information. The device does not need to be grounded. Please only use the appropriate two-core mains cable for connecting to the mains socket. This mains cable must not be modified under any circumstances. Regulations on polarity and ground connection must be complied with. Only use an appropriate mains plug for receiving the mains cable. Make sure the power switch is in the »off« position before connecting or disconnecting the device.

Information on wiring: Please place the supply cable flat and flush to the wall and floor. Cables that are laid loosely represent a risk of tripping. This could also result in interference and cause the sound to be disrupted. The electricity supply cable should be laid so that it is not likely to be stepped on or squashed from the sides or above by heavy objects. Damaged cables must be replaced. Pay particular attention to the cable/plug connection, the mains socket and the cable output from the subwoofer. The power supply cable and the cables that connect the speakers should be checked regularly for insulation faults or breaks. If

a fault is discovered, the device and the cabling must be disconnected from the mains immediately and the defective cable must be replaced.

During periods without use: Remove the subwoofer's power supply cable from the socket for longer periods of absence or non-use.

During thunderstorms: In order to avoid damage caused by lightning strikes, the appliance should be switched off and also detached from the mains socket as soon as a thunderstorm is expected.

Risk of overload: You should not overload wall sockets, extension cables or integrated appliance sockets, because this could potentially lead to short circuits and even fires. You should also avoid turning up the volume very high on the relevant amplifier, especially if you have increased the bass using the bass control, the loudness button or one of the deep bass boost switches.

Foreign bodies and liquids: Foreign bodies and liquids may not penetrate the device through its openings under any circumstances, as they could come into contact with parts carrying high voltages, which could then cause short circuits and fires. Therefore, do not spill any liquids of any kind on the device. Do not attempt to repair the device yourself. The device must be sent to our service department for repair.

Unusual sounds: If any unusual sounds occur during use or the sound becomes distorted, the speaker output must be reduced immediately so that the system plays an undistorted sound.

Connecting and changing the fuse:

Disconnect the mains plug. A faulty fuse may only be exchanged for one of the same type.

Information on volume: Loud noises can damage hearing. Sudden high pressure may occur, particularly if a subwoofer in "Standby/Auto On" mode is switched on at full volume by a bass impulse. In addition to physical damage, please be aware of possible psychological consequences. Children and pets require particular care. If necessary, set the volume control of your signal source device to the lowest level. At high volumes, always keep a certain distance from the device and never place your ears right next to the speaker.

Dear Lautsprecher Teufel customer,

Thank you for purchasing the Motiv 2. With this Teufel product you have chosen a 2.1 multimedia speaker set that offers excellent sound quality at a high end level despite its extremely compact dimensions and subtle speaker design.

You can operate this set without an additional amplifier (= fully active) for three stereo sources with analogue outputs, e.g. PC, MP3 player, sat receiver, TV set, X-Box, PlayStation or DJ Mixer.

The Motiv 2 subwoofer has three integrated power amplifiers: One for the bass speaker and two for the satellites. There are three analogue stereo inputs at the rear to directly connect e.g. sound cards, MP3 players or other analogue devices.

Because the set-up has a decisive influence on the sound characteristics of any speaker system, we recommend that you take the time to position everything correctly. These operating instructions contain all of the information necessary for the correct set up and operation of our Motiv 2 multimedia set.

Before operation, please read these instructions carefully and store them in a safe place for future reference. We recommend that you keep the packaging.



Please note the serial number (e.g. M0123456789) on the sticker attached to the box and the invoice number (which can be found on the invoice) here:

My **INVOICE NUMBER** is

.....

My **SERIAL NUMBER** is

.....

The serial number and the invoice number make it easier for us to process your request quickly if you require service.

If you encounter difficulties during operation or if you think that there is something wrong with the device, please read the "Troubleshooting" section on page 12. You can find answers here to the most frequently asked questions.

Teufel

First please check that the system is complete.

Caution:

Please keep the boxes for at least the eight-week return period, as we can ONLY reimburse the full purchase price if the products are returned in the ORIGINAL PACKAGING in which they were supplied.

Warning:

Explosion hazard with inappropriate replacement of the battery. Replace only by the same or an equivalent type. Do not expose batteries to excessively warm as sunshine, fire or like.

If you plan to not use the device for a longer period of time: remove the batteries from remote control and store them appropriately to prevent possible damage from leaking.

*All optional accessories can easily be ordered as required from the accessories area on our website:
www.teufelaudio.com

Unpacking

Fold back the flaps on the upper side of the box, remove the polystyrene pieces and lift the speakers out of the box carefully.

We recommend retaining the boxes in order to ensure safe transport for any later servicing.

The Motiv 2 is supplied as a complete system.

Contents

- ▶ 1 x Motiv 2 subwoofer A 200/3 SW
- ▶ 2 x Motiv 2 satellite speakers MO 2 F
- ▶ 1 x wireless remote control MO 2 RC
- ▶ 1 x mains cable
- ▶ 2 x U profiles for attaching the satellites to the wall supports/stands
- ▶ 2 x screws M5x10
- ▶ 8 x rubber feet for the satellite

Accessories *

Due to varying customer requirements, the Motiv 2 is supplied without any accessories. Suitable optional accessories for the system are shown on the next page.



▶ Subwoofer



▶ Satellites



▶ Remote control



▶ U profile

Accessories (optional)

Teufel speaker cable, 2 x 1.5 mm²



able in two lengths.

Two-wire standard loudspeaker cable with a cross section of 1.5 qmm. These are particularly useful for multimedia systems and home cinema sets. Avail-

Teufel speaker cable, 2 x 2.5 mm²



meters.

The highly flexible OFC cable provides enough conductivity for cable lengths up to 15 meters. It is offered as a cable roll in two lengths: 15 or 30

Teufel voltage reducers

Specially developed adapter cable from Teufel.



Allows the Motiv 2 to be connected to the stereo receiver and amplifier that has no dedicated subwoofer but only standard speaker terminals (e.g. older stereo amplifiers). A speaker cable [+] and [-] is adapted to a cinch jack. You will need two of these for stereo amplifiers.

Allows the Motiv 2 to be connected to the stereo receiver and amplifier that has no dedicated subwoofer but only standard speaker terminals (e.g. older stereo amplifiers). A speaker cable [+] and [-] is adapted to a

Speaker stand M 50 P

Perfect stand for the M0 2 F satellites. The speaker cable runs hidden inside the base.



Height

adjustable between 70 and 110 cm.

Design

Metal, silver or black. They are delivered as a pair. The included U profile is used to attach the satellites.

Shortlock wall bracket



These brackets can easily be attached using the threads on the speakers. Horizontal and vertical set-up is possible.

Microlock wall bracket



The ideal wall attachment for Motiv 2 satellites. Allows discreet and stable assembly on ceilings, sloping ceilings or walls. The wall brackets are available in black or silver, but only come in pairs. The U profile included is used to attach the satellites.

2.1 Multimedia PC cable sets



Attractively priced complete cable set for connecting a 2.1 multimedia speaker set to the most common source devices, such as PC, Mac, notebook, MP3 player, iPod dock, console, etc.

The two versions of this set differ only in the loudspeaker cable length.

AC 1002 WS

- 1 m stereo cinch cable
- 1 m Y adapter cable (2x cinch → mini-jack stereo)
- 10 m speaker cable 0.75 qmm

AC 1512 WS

- 1 m stereo cinch-cable
- 1 m Y adapter cable (2x cinch → mini-jack stereo)
- 15 m speaker cable 1.50 qmm

Teufel Stereo minijack cable



This cable has a 3.5 mm miniplug on each end. It offers an excellent connection between a regular computer sound card output and the 3.5 mm stereo input on the amplifier.

The optional parts shown here can be ordered online from Teufel in the "Accessories" section of the website below: www.teufelaudio.com

Information

The closer you position the satellites to the listening position, the greater the subjective impression of volume and the maximum undistorted reproduction level.

Set-up as a PC system

When using the Motiv 2 as a PC speaker sound system, it is advisable to focus on the sound requirements of the PC workplace, i.e. the area where the screen and listeners are located.

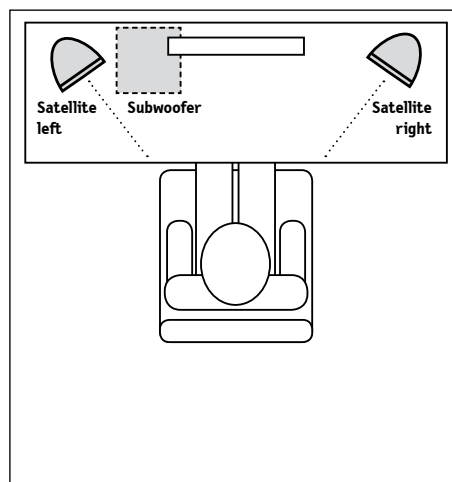
The satellite speakers are set up to the left and right of the computer monitor at equal distance, or they are attached to the wall.

Attachment at ear height is optimal, but anything in the range between 0.80 and 1.60 metres is acceptable.

For wall attachment, the satellites can be attached directly to the wall using the “keyhole” opening of the U profile (which has been screwed onto the satellites). If the values are outside of the recommended range, you can slightly tilt the front speaker.

The optional Shortlock bracket allows horizontal or vertical alignment to the listening position.

The location of the subwoofer is freely selectable and does not affect the other speakers. The ideal placement is within a straight line between the two front satellites, e.g. under the desk.



Tip

The closer you position the subwoofer to a wall or to the corner of a room, the louder you will hear the bass reproduction.

Set-up as a stereo system

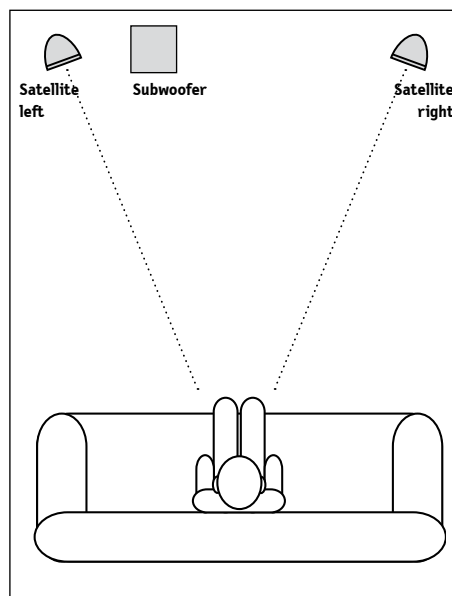
The Motiv 2 can also be used as a full stereo system for listening to music in rooms up to 30 m².

The satellite speakers should be set up to the left and right, preferably at the same distance to the listener, or fixed to the wall. The Concept bases can also be used, or alternatively the Shortlock wall bracket. Using the base automatically guarantees optimum playback height for satellite boxes.

Select a set-up height of between 40 centimetres and 1.20 metres.

If the values must be outside the recommended range, you can slightly tilt the front speaker towards the reception area. The Shortlock wall bracket allows horizontal and vertical alignment to the listener.

The location of the subwoofer is freely selectable and does not affect the other speakers.



Connection

Analogue connection to a stereo source

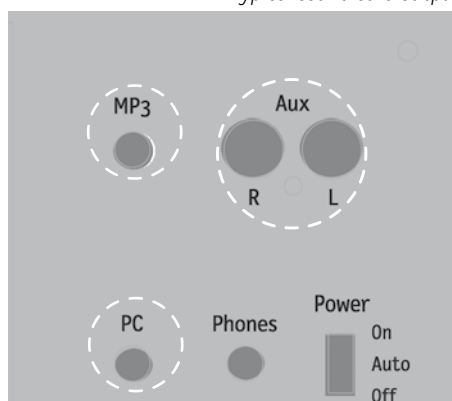
Computer sound card, MP3 player, satellite receiver, TV set, game console, CD player, DJ mixer, Discman, Walkman and much more.

The Motiv 2 is perfect for direct connection to any music player having one or two audio outputs. These are usually recognised by a 3.5 mm stereo mini-jack socket or two cinch sockets ("line out left/right").



Typical sound card output

Depending on the source device, these outputs are connected either directly with a mini-jack stereo cable to "MP3" or "PC" or with a stereo cinch cable to "Aux" left/right on the subwoofer.



Subwoofer rear

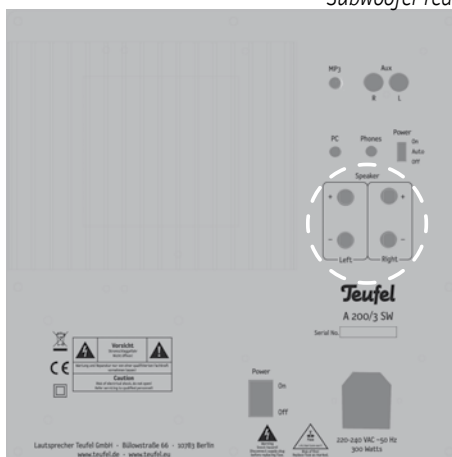
Connecting the satellites



The two satellites are connected directly to the speaker terminals on the subwoofer, using a speaker cable.

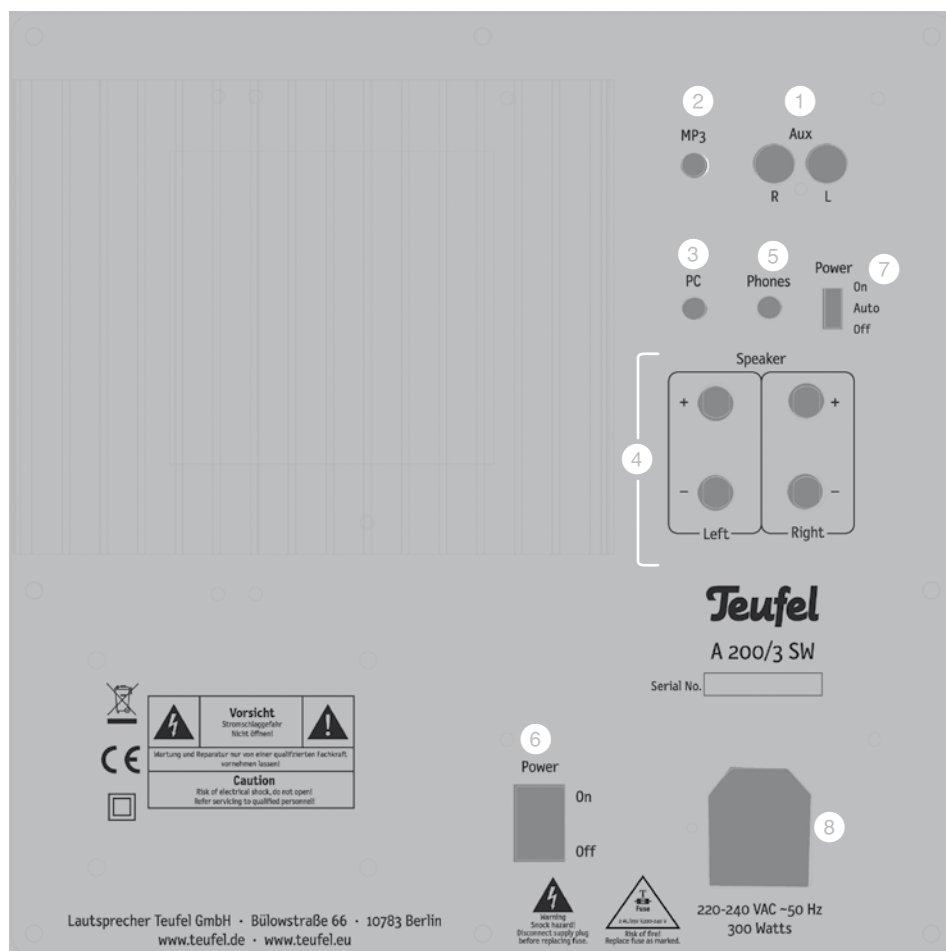
Strip and split the ends of the speaker cable as shown.

Speakers and amplifiers have corresponding [+] and [-] poles. The [+] line of the speaker cable is marked with a stripe. It is important that you observe the correct polarity when connecting the speakers: the plus pole of the speaker to the plus pole of the amplifier and the minus pole of the speaker to the minus pole of the amplifier. Connecting the cables with the incorrect phases can result in thin sound, weak bass and reduced stereo characteristics. Therefore it is important that all speakers are connected with the correct polarity to ensure an appropriate three-dimensional atmosphere and the correct alignment of the sound.



Subwoofer rear

Subwoofer A 200/3 SW operating elements



Explanation of symbols



The arrow-headed lightning symbol in an equilateral triangle indicates the presence of a dangerous uninsulated electrical voltage within the system housing and therefore a risk of electrical shock.



The exclamation mark in an equilateral triangle, as affixed to the device, is to make the user aware of important operating and maintenance instructions.



This product complies with European Community guidelines 2004/108/EC and 2006/95/EC.



The dustbin symbol printed on our products' type plates and amplifiers states that Lautsprecher Teufel guarantees proper disposal of these speakers and subwoofers in line with the Electrical and Electronic Appliance Act.



This product corresponds to standards DIN EN 61140 (VDE 0140-1) and IEC 60417 of safety class II and does not require a safety plug, just the plug included (2-pole). The casing has reinforced or double insulation against electric shock.

Attention:

The separating equipment of this equipment is the mains plug, this separating equipment must be usable without difficulties.

1 AUX

Connect a cinch cable here for connection with a playback device with stereo cinch outputs (e.g. TV, video recorder).

2 MP3

Connect your mini-jack stereo cable here for connection with an MP3 player line or headphones output.

3 PC

Connect your mini-jack stereo cable here for connection with an analogue stereo / headphones output of a computer/notebook.

4 SPEAKER

Attach both speaker cables to the two satellites here. Observe polarity (see page 9)!

5 PHONES

Connect your headphones here. Playback over the speakers will be switched off as soon as the headphone plug is in the socket.

6 POWER (ELECTRICAL POWER SUPPLY)

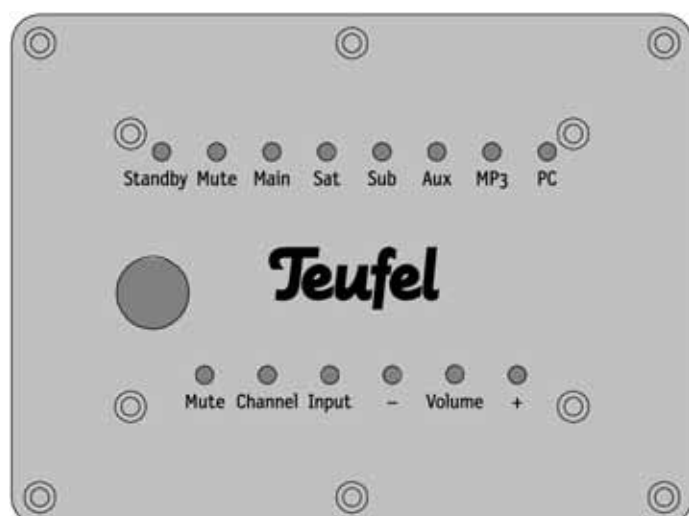
When set to "Off", the subwoofer is switched off, and on when it is set to "On".

7 POWER (FUNCTION)

When set to "Off", the subwoofer is in standby mode, and on when it is set to "On". If you set the switch to "Auto", the subwoofer will switch on automatically when it receives a signal. In this mode it will switch to standby after 20 minutes of not receiving a signal.

8 MAIN POWER CONNECTOR

This is where the mains cable is connected.



Please note

If you are going to be away for a longer period of time or if the subwoofer is not being used, switch the mains switch to "Off".

Information

Please note that the volume settings saved on the device will be deleted by disconnecting the mains plug or switching off the mains switch.

Start-up

Switch the rear mains switch ⑥ to "On" to activate the 2.1 channel amplifier.

If the system is switched on with the rear network switch ⑥, the Standby-LED will light up.

The system is ready for use once you have set the "power function switch" ⑦ to "On" or "Auto".

Settings on the display

The Motiv 2 subwoofer enables you to make all equalisation settings directly on the display itself or by remote control. The display for the settings is located at the top of the subwoofer.

Volume

Use the (+) and (-) buttons in the "Volume" area to set each desired level. The adjacent LEDs will flicker red when the levels are increased or decreased. The LED will light up continuously when the minimum or maximum end point has been reached.

Channel

The "Channel" button switches through the three amplifier channels:

Main = total volume

Sat = volume of both satellite speakers

Sub = volume of the subwoofer

The red LED marks the selected channel at any time. The level set is automatically saved by the subwoofer.

Input

The "Input" button chooses consecutively one of the three inputs: "PC", "MP3" and "Aux".

Mute

Pressing the "Mute" button once immediately mutes the complete system; if you press it again, the system returns to its previous operating status. When the system has been muted, the LED above the word "Mute" on the front of the subwoofer lights up continuously in red.

Remote control

All functions are also easy to control using the infrared remote control supplied. The functions of the "Volume", "Channel", "Input" and "Mute" buttons correspond 1:1 to the direct entry on the display.



“The subwoofer is buzzing.”

The Motiv 2 is a very low-interference speaker system.

If the buzzing can be clearly heard from a distance of more than one metre and/or can also be heard from the satellites, there is possibly a defect – assuming the subwoofer is not touching other devices. In some cases, it could come from connection to other devices, through equalizing currents that are caused by different casing potentials.

Please read the following instructions for a solution to the latter case:

1. The subwoofer is connected to a different power circuit from the rest of the equipment. Ensure that all linked devices (including the PC, if connected) are connected to a single power circuit or plug.
2. The antenna connected to the equipment or TV has a different ground potential to the socket. To test this, simply remove all antenna cables from the wall socket. If the buzzing stops, you need a so-called “sheath current filter”, available from the accessories area on our website: www.teufel.eu.
3. A separately purchased mains filter, to which all devices must be connected, may be useful in eliminating the interference.
4. Occasionally, a multiple socket strip proves to be responsible for generating buzzing noises. To test this, disconnect the socket strip and plug the subwoofer’s mains plug directly into a wall socket.
5. You can also try turning the mains plug around and inserting it into the socket the other way up, inasmuch as your mains plug/socket allows this.
6. It can be useful to create an additional grounding by fixing a cable (e.g. speaker cable) to the metal screw of the power amplifier and fixing the other cable end e.g. to the heating pipe or PC casing.

“There is no sound or distorted sound from one of the satellites – the other satellite works”

In order to pinpoint the defect more specifically, briefly swap the non-functioning satellite with a functioning satellite to determine whether the defect is in the satellite or the subwoofer electronics. If the previously non-functioning satellite plays on a different channel of the subwoofer, the defect is probably in the subwoofer electronics. If the satellite does not play on a different channel, the satellite is defective.

“There is no sound from the subwoofer – both satellites are working”

You can check the function of the subwoofer by connecting only the signal of a “secure” source, e.g. a portable CD player with the line in left/right cinch input on the subwoofer. If the subwoofer now plays, it did not receive the correct signal before. Either the cinch cable is defective or the output of your source device is not generating a signal.

Alternatively, you can reduce the volume level of the subwoofer, remove the subwoofer cinch cable from the PC/CD player/receiver, steadily and carefully raise the level and touch the inner cinch pin with your finger. If you now hear buzzing or crackling, there is an error in the PC/CD player/receiver or its settings. If the subwoofer remains silent, please contact our service department.

“The satellites ‘hiss’”

The Motiv 2 is essentially a very low-noise system. In the high range area, very high-resolution quality speaker systems can ‘expose’ the inferior quality of a signal source (e.g. from MP3 files or analogue cassette recordings) that was previously unnoticed on less high-quality boxes. It might be necessary to reduce or rise the level of the sound card.

Teufel

Please contact our service department if you have any questions, suggestions or if there is anything you think we could do better.

Lautsprecher Teufel GmbH

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