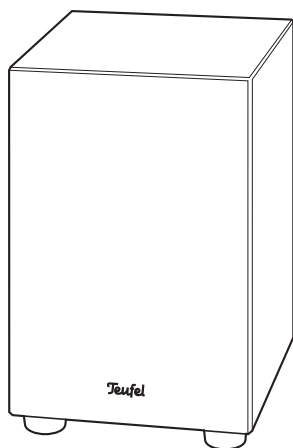


# Technical Description and Operating Instructions



**Active subwoofer  
US 2106/1 SW**

**Teufel**

## General notes and information

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### Proper use

Only use the unit 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 product is intended for private use.



Before operating the speakers please read the safety notes and operating instructions carefully. This is the only way to use all functions safely and reliably. Keep the operating instructions safe and pass them on to anyone who may own the unit after you.

### Notice

The information in this document may change without prior notice and in no way constitutes any liability on the part of Lautsprecher Teufel GmbH. No part of these instructions may be reproduced in any form or be broadcasted in any way electronically, mechanically, by photocopy or recording without the written permission of Lautsprecher Teufel GmbH.

### Original packaging

If you wish to exercise your right of return, we ask that you be absolutely sure to hold onto the packaging. We can only accept the return of a unit WITH THE ORIGINAL PACKAGING. Empty boxes are not available!

### Complaints

In case of a complaint we implicitly need your invoice number and the serial or lot number for processing. The serial number can be found on the back side of the device.

Many thanks for your support!

### Contact

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

**Lautsprecher Teufel GmbH**

**BIKINI Berlin**

**Budapester Str. 44**

**10787 Berlin (Germany)**

Phone 00800 - 200 300 40 (toll-free)

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

Service: [www.teufelaudio.com/service](http://www.teufelaudio.com/service)


Contact: [www.teufelaudio.com/contact](http://www.teufelaudio.com/contact)

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## Product contents and technical data



Product contents	1 Subwoofer US 2106/1 SW
Dimensions (WxHxD)	280 x 385 x 285 mm
Weight	7.9 kg
Operating voltage	230 V~/50 Hz
Max. power consumption	100 watts

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


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

## Caution icons

You will find the following caution icons in these instructions:


- Danger**  = **High risk!** Failure to observe the warning may result in severe personal injury or death.
- Attention**  = **Moderate risk!** Failure to observe the warning may result in property damage.
- !** = **Minor risk!** Points which should be observed when handling the unit.

### **Danger Risk of electric shock!**


 Faulty installation of electrical equipment or mains voltage which is too high can cause electric shocks.

- The unit is suitable for use with a power supply voltage of 230 V~/50 Hz. Make sure that the mains voltage is correct. For more information, refer to the nameplate.
- Check the unit regularly for damage.  
If the unit's case or mains cable is defective or shows other signs of visible damage, disconnect the power plug / mains adapter immediately from the socket and do not operate the device.
- If the unit emits smoke or smells of burning or other unusual odours, disconnect it immediately from the power supply and do not operate it.
- Set up the unit so that the mains plug is easily accessible and no vent slots are blocked.
- Never open the unit's housing.  
Repairs may only be carried out by an authorised specialist workshop. Only parts which conform with the original unit specifications may be used in this case. There are electrical and mechanical parts in this unit which are necessary in order to avoid exposure to sources of danger.
- Use only accessories specified by the manufacturer.
- Do not insert any objects through the vent slots in the housing.
- Only use the unit in indoor areas.
- Do not operate the unit in damp areas and protect it from drops of water or splash water.  
Also take care not to stand vases or other containers filled with liquid on or near the speaker in order to avoid liquid getting into the case. If water or any foreign object does enter the casing, immediately disconnect the AC adapter plug and remove any batteries if present. Then send the unit to our service address.
- Never touch the power plug / mains adapter with damp hands.


### **Danger Danger to children!**

-  Children can become trapped in the packing film when playing and suffocate.
- Do not allow children to play with the unit or the packing film. Danger of suffocation.
  - Ensure that children do not remove small parts from the unit or pull them off of the unit (e.g. the batteries from the remote control, knobs or plug adapters). They could swallow the parts and choke.


### **Danger Risk of injury**

-  Placing the unit on an unstable surface may cause the unit to tip over and cause serious injury or even death, particularly to children. You can prevent many 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 product, also ensure that it stands safely and that it cannot be knocked down or over.


### **Danger to hearing!**

-  Extended listening at high volumes may lead to hearing loss.
- To avoid damage to health, avoid extended listening at high volumes.
  - When the volume is set high, always keep a certain distance from the unit and never place your ear directly on the speaker.
  - Particularly when the subwoofer has been set to maximum volume and the unit is activated, very high noise pressure may suddenly be produced. This may have psychological consequences and also cause physical injury. Children and pets are particularly at risk. Set your signal source unit volume control to a low setting before turning on the power.



### **Danger Danger of injury/damage!**

-  Setting the unit up in an unsuitable location may result in injury to persons and/or damage to property.
- Never use the unit unmounted in vehicles, in unstable locations, on wobbly tripods or furniture, on insufficiently dimensioned brackets etc. The unit could tip or fall down and cause injury to persons or be damaged itself.
  - Set up the unit in such a way that you cannot accidentally knock it over and that the cables do not pose any trip hazard.
  - Do not place the unit near sources of heat (e.g. heaters, ovens, other heat generating equipment such as amplifiers etc.).

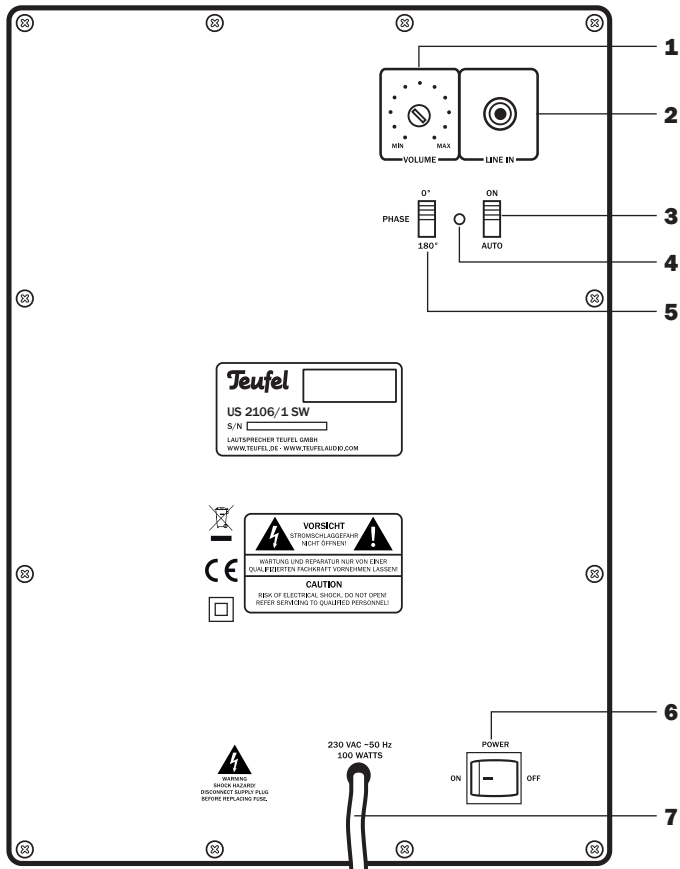
### **Danger Fire hazard!**

-  Improper use may lead to damage or fire.
- Do not place open flames such as burning candles or similar on the unit.
  - Do not place the unit in direct sunlight.

## Explanation of symbols

	Safety category II Dual insulation
	Danger of electric shock – do not open casing. Disconnect power cord before changing fuse.

# Control elements and connections



Item	Name	Description
1	<b>Volume</b>	Subwoofer volume control
2	<b>Line In</b>	Audio input jack
3	<b>On/Auto</b>	Switch for automatic activation/deactivation
4		Control LED
5	<b>Phase</b>	Activate/deactivate phase shifting (180°) for the subwoofer
6	<b>Power On/Off</b>	Mains switch
7	-	Power cord

## Unpacking and setup

### Unpacking

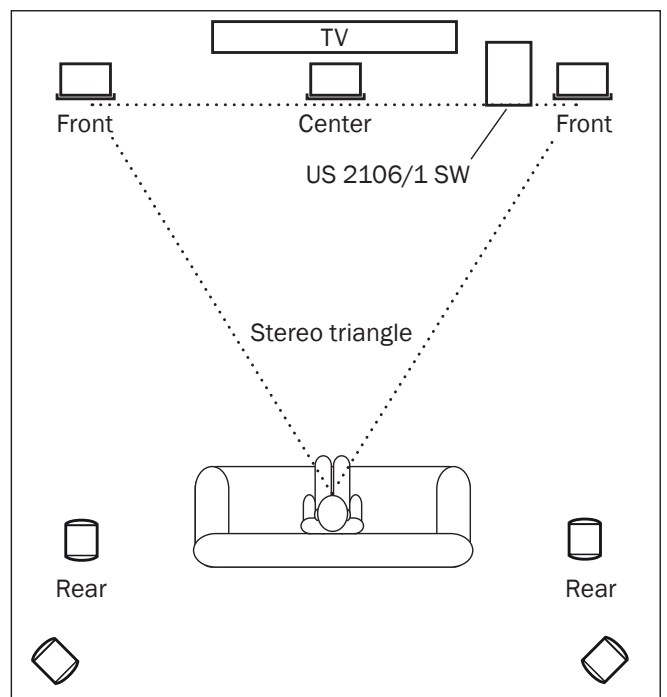
- Open the box carefully, lift out the speaker together with the EPE foam parts carefully and remove the foam parts without reaching into the diaphragms.

### Setup notes

#### Note

Our website contains comprehensive notes for correct setup.

- Select a stable, level base.
- Make sure that the environment is clean and free from dust.
- Avoid placing the unit close to sources of heat or in direct sunlight.
- Arrange the connector cables so that they do not pose a trip hazard.
- Do not place any heavy objects on the cables or the speaker.
- The location of the subwoofer can be freely selected and does not influence the other speakers. However, do not place it in the corner of the room as this may result in irregular frequency overloads. A location between the front speakers is often ideal.
- Make sure that the speaker has a stable position to prevent vibrations.



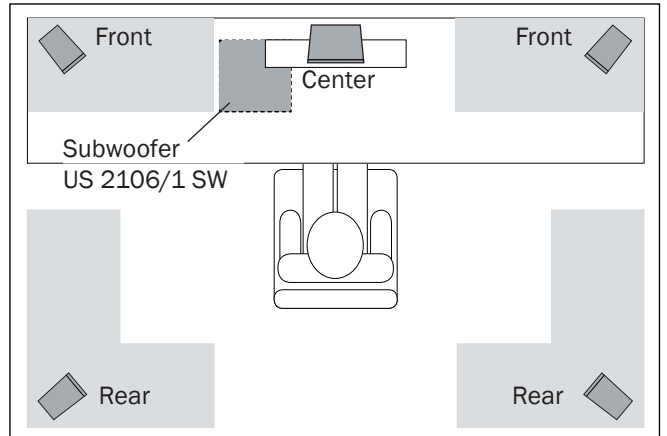
- On parquet, varnished wood and similar surfaces, you should stick felt gliders to the rubber feet of the subwoofer or put blankets or small carpets under them. This will prevent discolouration of the floor over the long term.

### Setup as a PC system

When using the unit as a PC sound system, concentrating on emitting sound directly at the PC workstation is advisable, that is, the area where the monitor and listener are located. Please position the speakers within the grey areas.

### Setup with a Soundbar

Notes for setup with a Soundbar can be found in the operating instructions of the Soundbar.



## Connecting

### Connecting the signal cable

#### **Danger** Danger of injury/damage!

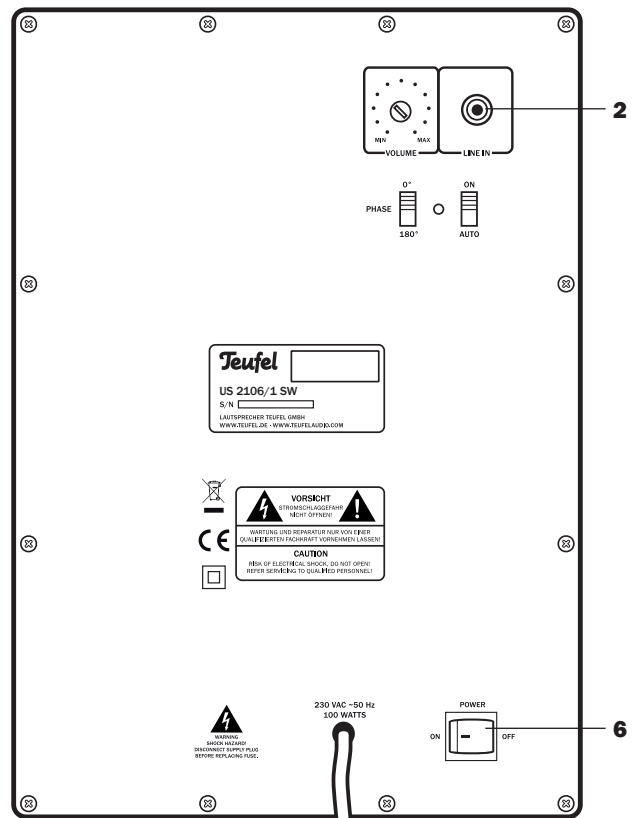


Arrange the cables so that they do not pose a trip hazard.

- Disconnect the power plug for the device to be connected from the power outlet.
- Ideally, the subwoofer is connected to the subwoofer output of the AV receiver or preamplifier (DecoderStation/Control-Station) or Soundbar using a mono RCA cable.
- The RCA jack **2** "Line In" on the back side of the subwoofer is intended for this purpose.
- You can find additional information in the operating instructions of the receiver, Soundbar or DecoderStation/Control-Station.
- If your receiver doesn't feature a subwoofer connection, connect an available speaker output to the RCA jack **2** of your subwoofer using a voltage reducer and a RCA connector cable. We offer voltage reducers on our website in the "Accessories" area.

### Connection to the grid

- Ensure that the mains switch **6** "Power" on the subwoofer is switched off ("O OFF" position).
- Connect the power plugs of the subwoofer and the connected device to a power outlet.



# Use

## Activating and deactivating

- The subwoofer is activated or deactivated with the switch **6** "Power". If the subwoofer is on, the control LED **4** is illuminated.

### Automatic activation/deactivation

- Switch **3** "On/Auto":
  - Auto** position: The subwoofer activates as soon as an audio signal is present on jack **2** "Line In" (control LED **4** is illuminated in green).  
If there's no audio signal for 10 minutes, the subwoofer switches to standby (control LED **4** is illuminated in red).
  - On** position: The subwoofer is continually activated.

## Volume

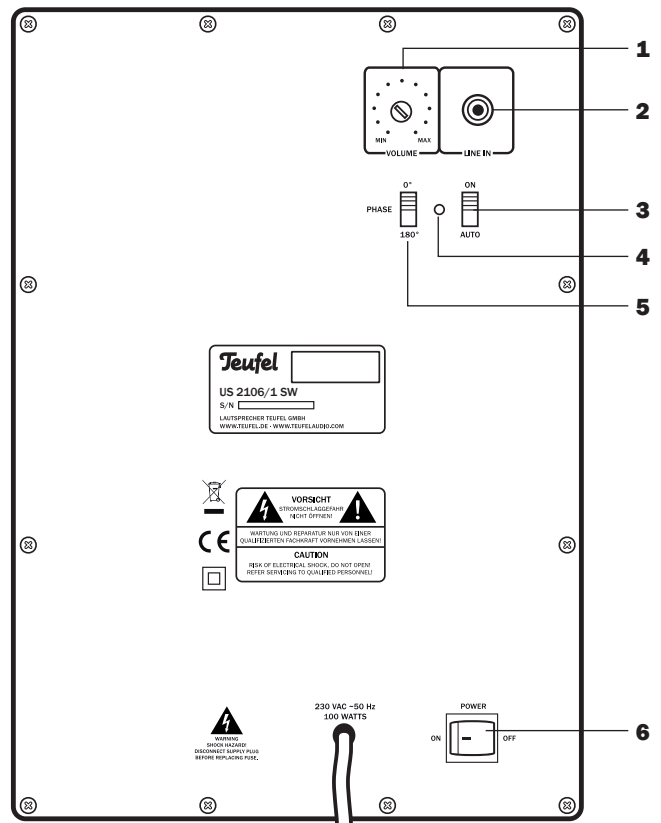
- You can control the volume of your subwoofer using the volume control **1** "Volume".

## Phase

- Switch **5** "Phase" is used to activate and deactivate phase shifting (180°) for the subwoofer. Choose a setting at which the subwoofer emits the loudest and most precise sound.

## Crossover frequency

- The subwoofer must be "On" in the AV receiver's bass management/speaker management ("Speaker Setup"). The appropriate crossover frequency to be set there depends on the satellites being used. You can find specifications for the crossover frequency of the respective satellites in the technical data section of our web shop.
- The crossover frequency is adjusted automatically in case of using a Soundbar.
- Notes on setting up the crossover frequency for the Decoder-Station 5 Mk2 can be found in the corresponding operating instructions.



# Cleaning and care

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

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

**Danger Risk of electric shock!**

In contact with live parts, water can lead to electric shock or short circuit.

- Make sure that no liquid penetrates the unit.
- Disconnect the mains plug before cleaning.

**Attention Risk of damage!**

Using the wrong cleaning materials may damage the delicate surface of the case.

If possible, only use plain water without any additives. In case of stubborn marks, a mild soap solution may be used. In no circumstances should caustic cleaning products, white spirit, thinners, petrol or similar be used for cleaning.

# Troubleshooting

The following notes and further detailed **information on our website** should help you to rectify malfunctions. In case you don't succeed, please contact our hotline ☎ 00800 - 200 300 40 (toll-free). Please also observe the warranty notes.

Problem	Possible cause	Solution
The subwoofer isn't working. Control LED <b>4</b> is not illuminated.	The subwoofer is off or doesn't have any power.	Turn on the switch <b>6</b> "Power" ("On I"). Check the power cord and socket.
The subwoofer doesn't work but control LED <b>4</b> is illuminated in green.	The volume has been set too low.	Increase the volume using the controller <b>1</b> "Volume".
The subwoofer doesn't work but control LED <b>4</b> is illuminated in red.	The input signal is too weak.	Increase the input signal or set switch <b>3</b> "On/Auto" to "On".
The subwoofer hums.	The subwoofer is connected to another circuit than the rest of the system.	Connect the subwoofer and source device to the same electric circuit.
	The buzzing is caused by problems with the power supply.	Purchase a line filter and connect both units to it.
	The buzzing is caused by a multiple socket.	Use another multi-outlet power strip or connect the subwoofer directly to the wall socket. It may also help to insert the power plug the other way around.

## Declaration of Conformity



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

[www.teufel.de/konformitaetserklaerungen](http://www.teufel.de/konformitaetserklaerungen)

[www.teufelaudio.com/declaration-of-conformity](http://www.teufelaudio.com/declaration-of-conformity)

# Disposal

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

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

You make an important contribution to returning, recycling and further processing of old devices if you separate your old devices into the correct collection groups for recycling. The symbol below of a crossed-out dustbin, applied to electrical and electronic appliances, also advises of the duty to separate collections:



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

In accordance with the Electrical and Electronic Equipment Act, as online retailers of electrical devices and due to our product range, our obligation is limited to 1:1 return of large devices of  $> 50\text{ cm}$  when selling a new electrical or electronic device of the same type. We comply with the obligation of return of devices other than large devices through our service provider. You can find the exact contact data and collection points on our website [www.Teufel.de/entsorgung](http://www.Teufel.de/entsorgung). It is also possible to return old electrical and electronic appliances free of charge at an official delivery point run by the public waste disposal authorities.

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

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

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









# Teufel

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

**Lautsprecher Teufel GmbH**  
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10787 Berlin (Germany)  
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Contact: [www.teufelaudio.com/contact](http://www.teufelaudio.com/contact)

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