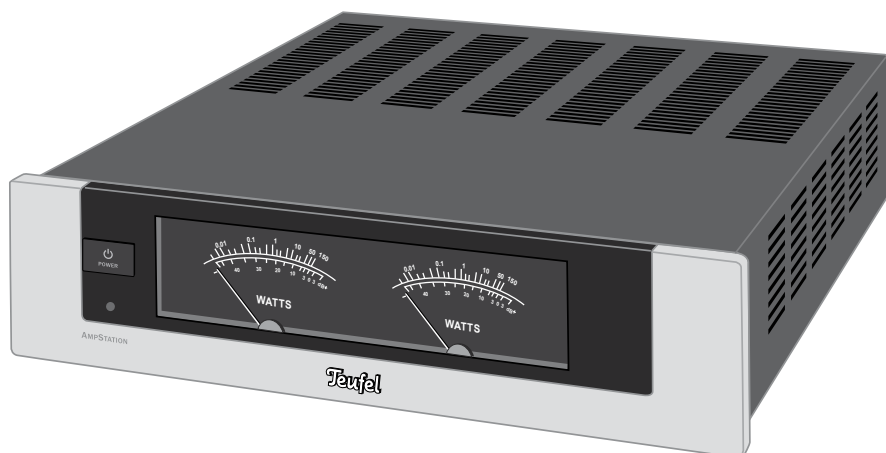


## Technical description and instruction manual

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# AmpStation

8.0 Multichannel power amplifier

**Teufel**

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## Please read



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

# General notes and information

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## Notice

The information in this document may change without prior notice and in no way constitutes any liability on the part of Lautsprecher Teufel GmbH.

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Version 1.0

January 2015

## 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 AmpStation 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 unit, e.g. serial number: KB20240129A-123.

Thank-you for your support!

## Contact

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

Lautsprecher Teufel GmbH

BIKINI Berlin

Budapester Strasse 44

10787 Berlin (Germany)

**Phone 00800 - 200 300 40 (toll-free)**

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

**E-mail: [service@teufelaudio.com](mailto:service@teufelaudio.com)**

**[teufelaudio.com](http://teufelaudio.com)**

# For your safety

## Proper use

The AmpStation is designed to amplify and play back music and speech from an external player on external speakers.

Only use the AmpStation as described in this instruction manual. 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 improper use.

The AmpStation is intended for private use.

## Explanation of 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.*

## NOTICE

*This signal term warns you of potential damage.*

### **Important information**

## Safety notes

This chapter contains general safety notes which you should always observe to protect yourself and third parties. Also observe the warning notes in each chapter of this instruction manual.

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

- The device is suitable for a mains voltage of 110/230V~ / 50/60 Hz. When connecting the device, make sure that the correct voltage is present. You can find more information in this respect on the nameplate.
- Check the device regularly for damage. Immediately disconnect the mains plug and do not operate the device if its housing or mains cord is defective or exhibits other visible damages.
- If the mains cord of the device 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 mains plug. Thus, make sure that the mains 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 splash 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 ends up penetrating the housing, immediately pull the mains plug and take out any batteries. Then send the device to our service address.
- Never modify the device. Unauthorized interventions may affect the safety and functionality.
- Never touch the mains plug with wet hands.

- Power overload due to lightning strike may damage or destroy the unit. If the unit is unattended for a prolonged period (e.g. when on vacation) or in the event of an incoming storm, pull the mains plug.

### **An unsuitable setup location may result in injury and damage.**

- If the AmpStation is not securely mounted, do not use it in vehicles, in unstable locations, on wobbly tripods or furniture, on underdimensioned brackets etc. The AmpStation may tip or fall over and cause injury to persons or be damaged themselves.
- Place the AmpStation in such a way that the cables do not pose a trip hazard.
- Do not use the device in environments where there is a risk of explosion.

### **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 allow children to operate electrical units unsupervised.

## Extended listening at high volumes may lead to hearing loss.

To avoid damage to health, avoid extended listening at high volumes.

- At high volumes, always maintain a certain distance to the device and never hold your ears directly up to a speaker.
- If the audio system is set to full volume, it 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.

## Explanation of symbols




Protection class II  
Dual insulation



Risk of electrical shock – do not open the housing.  
Disconnect the mains cord before changing a fuse.



**Used units 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/boroughs. 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.

# Overview

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## Unpacking

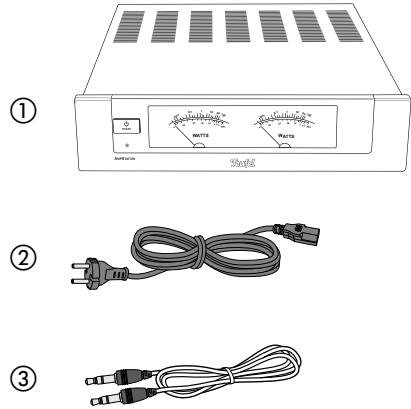
- Carefully open the box, take out the EPE foam half-shell and carefully lift the device out of the box.

## Product contents

- ① 1x AmpStation
- ② 1x mains cord
- ③ 1x Teufel Link connector cable

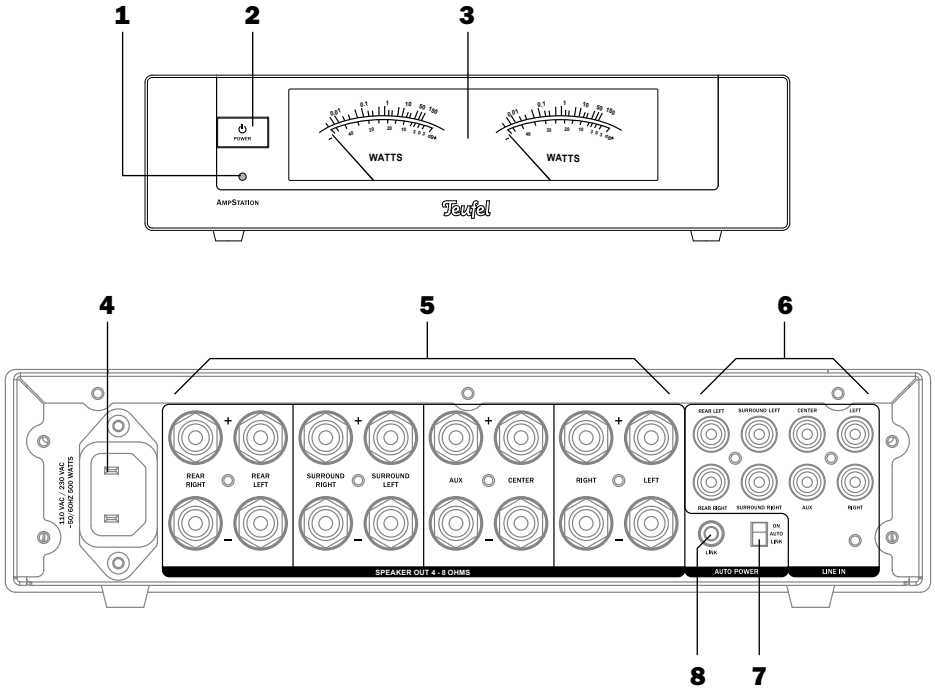
## Checking the product contents

- 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

## AmpStation



Item	Name	Description
1	-	Standby LED
2	<b>POWER</b>	Turn the device on/off
3	<b>WATTS</b>	Power indication
4	-	Mains connection
5	<b>SPEAKER OUT</b>	Speaker terminals
6	<b>LINE IN</b>	Audio inputs
7	<b>AUTO POWER</b>	Automatic activation/deactivation
8	<b>LINK</b>	System connection



# Setup / Connection


## Setup location

### NOTICE

*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.*

### Location tips

 Our website contains comprehensive notes for correct setup.

- Select a stable, level base.
- Make sure that the environment is clean and free from dust.
- Select a location away from heat sources and direct sunlight.
- Lay the connector cables so that they do not pose a tripping hazard.
- Do not place any heavy objects on the cables or the AmpStation.

## Connecting the speakers

Only connect speakers with an impedance of 4 – 16 ohm. If possible, use high-quality speaker cables with a diameter of at least 1.5 mm<sup>2</sup> for the connection. You can order this type of cables in our webshop ([www.teufelaudio.com](http://www.teufelaudio.com)) in the “Accessories” area.

The connector terminals **SPEAKER OUT (5)** for the eight speakers are located on the back side of the AmpStation:

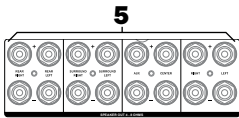
Speakers	Label
Rear right	REAR RIGHT
Rear left	REAR LEFT
Surround right	SURROUND RIGHT
Surround left	SURROUND LEFT
Additional channel (subwoofer)	AUX
Front centre	CENTER
Front right	RIGHT
Front left	LEFT

The terminals are each marked red (+) and black (-).

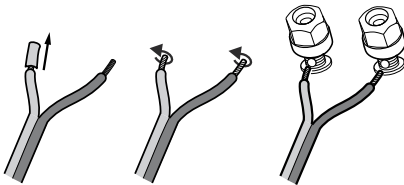
Here you can connect the speaker cables directly or using optional pin plugs. Only the direct connection is described below.

**i** Make sure the polarity is correct!

- Connect the like coloured terminals. Otherwise, the sound quality will suffer.
  - The strands of the speaker single wire are marked with different colours or shapes.
1. Turn the connector terminals **(5)** counterclockwise until loose.



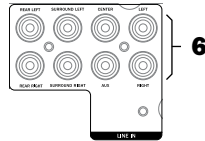
2. Split the speaker cables down to approx. 30 mm on both ends.
3. Remove approx. 10 mm of the insulation on each end.
4. Twist the single wire so that no strands are protruding.



5. Run the stripped cable end into the now visible hole.
6. Close the terminal by turning it counter-clockwise. The cable has now been clamped in place.

## Inputs

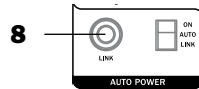
Connect the jacks **LINE IN (6)** of the AmpStation with the output jacks of your preamplifier, such as a DecoderStation. You will need up to 4 stereo RCA cables for this.



## Link

If using a compatible preamplifier from Teufel (e.g. a DecoderStation), you can connect the AmpStation with the preamplifier via the connection **LINK (8)**. Thus, the devices are switched on and off together.

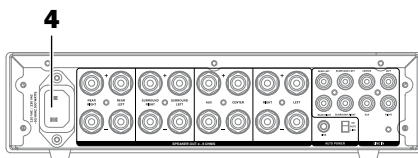
For this you will need the supplied Teufel Link connector cable.



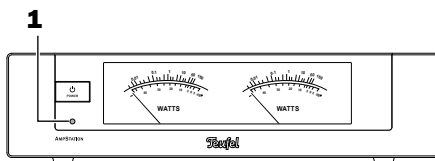
## Connecting to a power supply

### CAUTION

- The device is suitable for a mains voltage of 110/230V, 50/60 Hz. When connecting the device, make sure that the correct voltage is present. You can find more information in this respect on the nameplate.
- This device is disconnected from the grid by pulling the mains plug. Thus, make sure that the mains plug is always easily accessible.



Connect the mains connector jack **(4)** with a mains socket using the mains cord **(2)**.



The red standby LED **(1)** will be illuminated.

# Use

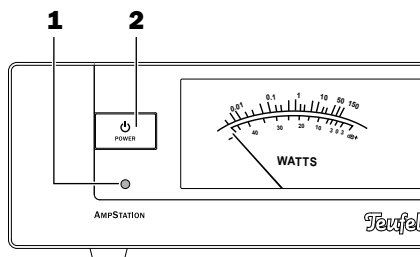
## Activating and deactivating



### CAUTION



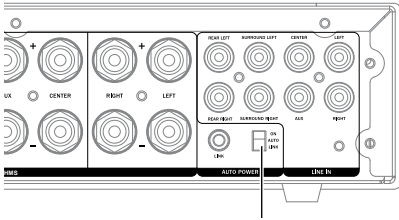
*Extended listening at high volumes may lead to hearing loss.*

- *To avoid damage to health, avoid extended listening at high volumes.*
- *At high volumes, always maintain a certain distance to the speaker and never hold your ears directly up to it.*
- *If the audio system is set to full volume, it may produce very high sound pressure. This may have psychological consequences and also cause physical injury. Children and pets are particularly at risk. Set the volume control of your audio system to low volume before you turn it on.*



- Switch the AmpStation on or to standby using the **POWER**  button **(2)**.  
When in standby, the standby LED **(1)** will illuminate in red.
-  The device is not disconnected from the mains when in standby mode. Pull the mains plug out of the socket to completely deactivate it.

## Automatic activation/deactivation



**7**

You can toggle between the system modes with the switch **AUTO POWER (7)**:

**ON** The AmpStation is permanently switched on.

**AUTO** The AmpStation switches itself on as soon as an audio signal is present. If there's no audio signal for approx. 20 minutes, the AmpStation switches to standby.

**LINK** The AmpStation is activated and deactivated by the preamplifier (only in case of using a Teufel Link connector cable).

# Cleaning & Maintenance

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## CAUTION

- Pull the mains plug out of the socket before you start cleaning the device.

## NOTICE


### **External influences may damage or destroy the device.**

- *If the device is to be left unattended for a prolonged period of time (e.g. during a vacation) or if a thunderstorm is forecast, pull the mains plug out of the socket. Otherwise, sudden overvoltage could cause the device to become defective.*
- *If possible, only use plain water without any additives. In case of stubborn marks, a mild soap solution may be used.*
- *Do not use caustic cleaning products, white spirit, thinners, petrol or similar under any circumstances. Such cleaning agents may damage the delicate surface of the housing.*

- 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.

# 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 AmpStation doesn't emit sound.	The AmpStation is off or doesn't have any power.	Activate the AmpStation with the switch <b>(2)</b> . Check the mains cord and socket.
	The preamplifier is set to "mute".	Deactivate the mute mode on the preamplifier (mostly with the  button).
	The volume is set to "0" on the preamplifier.	Increase the volume.
The AmpStation hums.	The AmpStation is connected to a different power circuit from the rest of the system.	Connect the AmpStation and preamplifier to the same power circuit.
	The humming is caused by problems with the power supply.	Buy a mains filter and connect both devices to it.
	The humming is caused by a multiple socket strip.	Use a different multiple socket strip or connect the AmpStation directly to the wall socket. It may also help to insert the mains plug in the socket the other way around.
The AmpStation does not automatically turn off.	The switch <b>AUTO POWER (7)</b> is not set to "AUTO" or "LINK".	Set the switch <b>AUTO POWER (7)</b> to "AUTO" or "LINK".
	The Teufel Link connector cable has not been inserted.	Verify the correct connection of the AmpStation and the preamplifier.

## Technical data

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Dimensions (WxHxD)	270 x 70 x 300 mm
Weight	3.7 kg
Operating voltage	110/230 V~, 50/60 Hz
Max. power consumption	500 watts

You can find further technical data on our website.



This product conforms with Council of the European Union guidelines 2004/108/EC and 2006/95/EC.

# Teufel

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

Lautsprecher Teufel GmbH

BIKINI Berlin

Budapester Strasse 44

10787 Berlin (Germany)

Phone: 00800 - 200 300 40 (toll-free)

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

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

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