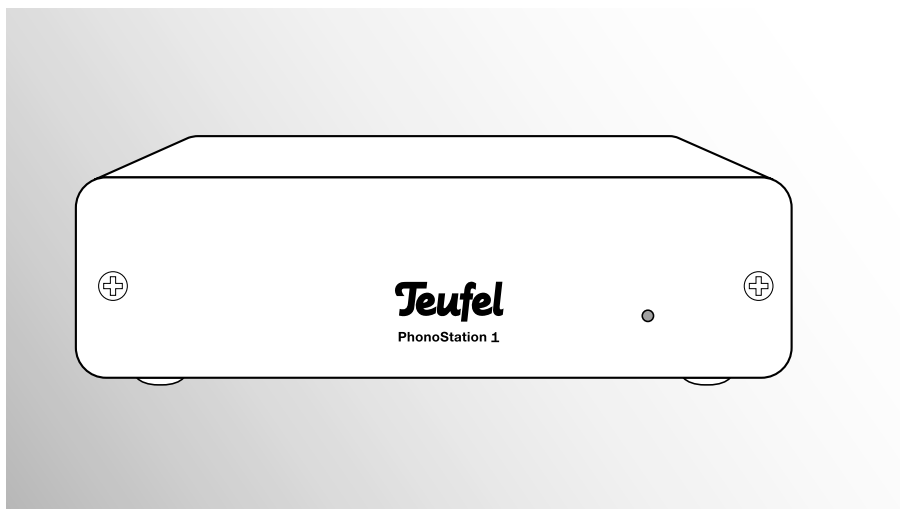


Technical Description and Operating Instructions



PhonoStation 1

MM/MC Preamplifier for Record Players

Teufel

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General notes and information

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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Original packaging

If you wish to exercise your eight-week right of return, we ask that you be absolutely sure to hold onto the packaging. We can only accept the return of the speakers **WITH THE ORIGINAL PACKAGING**.

Empty boxes are not available!

Complaints

In case of complaint we will need the following information to process your enquiry:

1. Invoice number

Can be found on the sales slip (enclosed with the product) or on the order confirmation received as a PDF document, e.g. 4322543

2. Serial number or batch number

Located on the bottom side of the unit, e.g. serial number: ITO4....

Many thanks for your support!

Contact

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

Lautsprecher Teufel GmbH
Gewerbehof Buelowbogen
Buelowstrasse 66

10783 Berlin (Germany)

Phone: 00800 - 200 300 40 (free of charge)

Fax +49 (0)30 / 300 930 930

E-mail: service@teufelaudio.com

www.teufelaudio.com

Proper use

Only use the product as described in these operating instructions. Any other use will be deemed as not in accordance with the instructions and may lead to damage to 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 unit for the first time 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.

Safety notes

Caution icons

You will find the following caution icons used 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.

Safety notes

Danger



Risk of electric shock!

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

- The device is suitable for use with a power supply voltage of 100–240 V~ / 50 60 Hz.
- Only use the enclosed mains adapter. When connecting the unit, make sure that the correct voltage is present. You will find detailed information directly on your mains adapter.
- Immediately disconnect the mains adapter and discontinue using the device if its case or the mains line is defective or exhibits other visible damages.

- 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.
- The On/Off switch does not disconnect the device from the power supply. You should therefore set up the device so that the AC adapter plug is easily accessible.
- Never open the unit housing. Repairs may only be carried out by an authorised specialist workshop. Only parts which conform with the original device specifications may be used for repairs. There are electrical and mechanical parts in this unit which are essential in order to avoid exposure to sources of danger.
- Only use accessory products, which are exclusively specified by the manufacturer.
- 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 of liquid on or near the unit in order to avoid liquid getting into the case. If water or other foreign objects penetrate the housing, immediately disconnect the AC adapter plug. Then send the device to our service address.
- Never touch the mains adapter with wet hands.
- Check the unit regularly for damage.

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 take them off of the unit (e.g. control knobs or plug adapters). They could swallow the parts and choke.
 - Never allow children to operate electrical devices unsupervised.
-

Danger Danger of injury/damage!

Setting up the device in a location that is not suitable may cause injury to persons and/or damage to property.

- Do not use the device in vehicles without having it secured, in unstable locations, on wobbly tripods or furniture etc. The device could tip or fall down and cause injury to persons or be damaged itself.
 - Arrange the device so that it cannot be knocked over accidentally and that the cables do not pose a trip hazard.
 - Do not place the unit near sources of heat (e.g. heaters, ovens, other heat generating equipment such as amplifiers etc.)
 - Do not place the unit in direct sunlight.
 - Ensure sufficient ventilation.
Do not cover the device with curtains, blankets, magazines or the like. Heat build-up inside the unit can shorten the lifetime of the unit.
-



Attention Risk of damage!



Other influences may damage or destroy the unit.

- If the unit is to be left unsupervised for a long period (e.g. during a holiday), or if a thunderstorm is forecast, disconnect the mains adapter from the socket. Otherwise, sudden overvoltage may cause a defect.
- 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.

Explanation of symbols

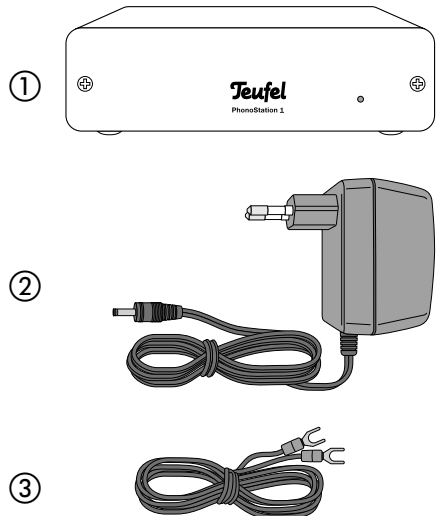
	Protection class II
	Safety transformer – short-circuit proof

	Only use in indoor areas
	Polarity on the circular connector: outside (-), inside (+)

Product contents

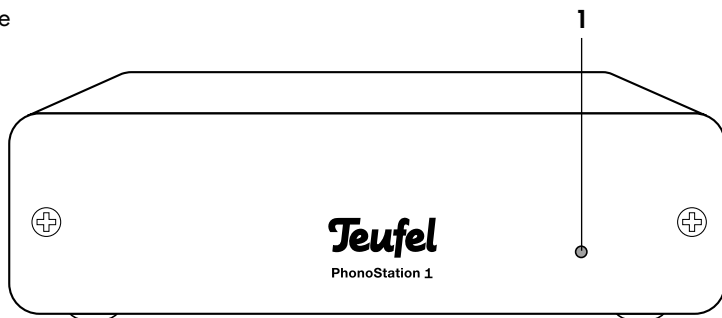
Check to be sure

- Check that all items have been delivered and that nothing is damaged:
 - ① 1 x PhonoStation 1
 - ② 1 x AC adapter plug
 - ③ 1 x earth cable
- If the delivery is incomplete or exhibits transport damage, please contact our service department (page 3).
- Do not operate the unit in the event of transport damage!

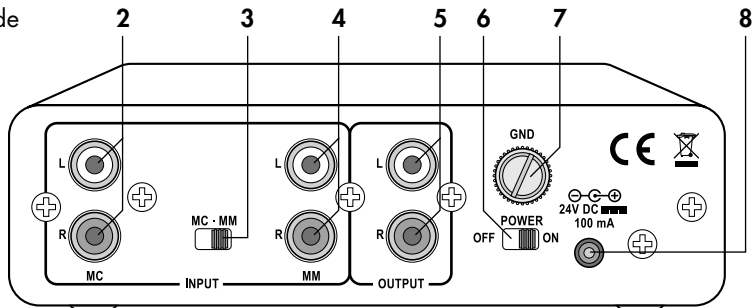


Control elements and connections

Front side



Back side



No.	Name	Meaning/function
1	—	Power LED
2	MC L/R	Input jacks for dynamic system (MC)
3	MC • MM	MC/MM system switch
4	MM L/R	Input jacks for magnetic system (MM)
5	OUTPUT L/R	Output jacks to the amplifier
6	POWER OFF/ON	On/Off switch
7	GND	Ground connection
8	24V DC	Input jack for the AC adapter plug

Setup and connection

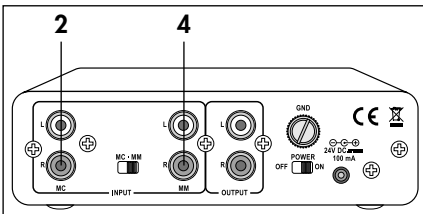
Setup location

- 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 top of the cables or the unit.

Record player

Most record players are equipped with a magnetic removal system (MM – “moving magnet”). Dynamic systems (MC – “moving coil”) systems, which are often more expensive, require more amplification.

- Connect the audio output of your record player with the corresponding input jacks of the preamplifier:
2 “MC” – dynamic system,
4 “MM” – magnetic system.

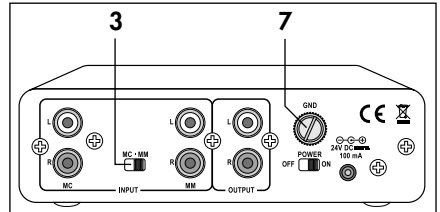


The jacks are coloured:
white “L” – left sound channel,
red “R” – right sound channel.

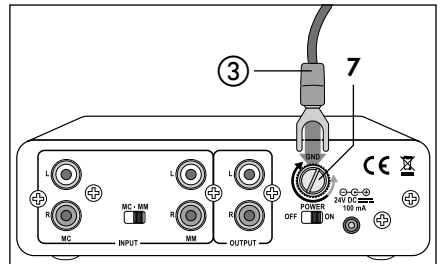
If your record player still has to be connected with a DIN plug, you will need an RCA plug adapter, which

you can purchase at a qualified technical outlet.

- Push the switch **3** “MC – MM” to the position of the input in use.



- If your record player has a ground connection, connect it with the ground connection **7** using the enclosed earth cable **3**.



Amplifier/receiver

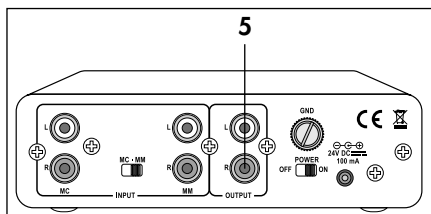
- Connect the output jacks **5** "OUTPUT" with an available input on your amplifier/receiver (e.g. CD, AUX or TAPE). You will need a stereo RCA cable for this.

You can find suitable cables in our webshop (www.teufelaudio.com) in the "Accessories" area.

Danger Risk of damage!

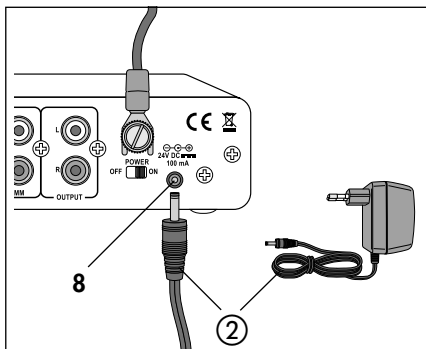


Do not connect the pre-amplifier with any available PHONO connection as this could damage the amplifier and/or speakers!



Connection to a power supply

- Connect the small mains adapter plug **2** with the jack **8** "24V DC" of the pre-amplifier **1**.
- Plug the mains adapter **2** into a mains socket.

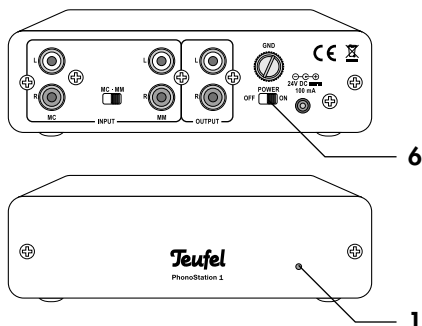


Operation

Activating and deactivating

- Turning the device on:
Push the switch **6** "POWER" to the right into the position "ON". The power LED **1** will light up.
- Turning the device off:
Push the switch **6** "POWER" to the left into the "OFF" position. The power LED **1** will turn off.

If at some point the pre-amplifier does not function as expected, please check all connections as described in the previous chapter.



Care and cleaning

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

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 mains adapter or the device.
- Pull the plug mains adapter out of the socket before cleaning.

Attention Risk of damage!



The wrong cleaner could damage the sensitive case surface.

- If possible, only use plain water without any additives. A mild soapy solution is suitable for removing stubborn stains.
- Do not in any case use aggressive cleaning agents, spirit, thinner, petrol or the like for cleaning.

Technical data

Operating voltage: 100–240 V~ / 50/60 Hz

Mains adapter: 24 V DC, 100 mA

Dimensions (W x H x D): 132 x 40 x 77 mm

Net weight: 285 g

Inputs:

MM ("Moving magnet", magnetic system)

Input impedance: 47 k Ω /200 pF

Amplification: 34 dB

Input sensitivity: 2.5 mV

MC ("moving coil", dynamic system)

Input impedance: 100 Ω /180 pF

Amplification: 56 dB

Input sensitivity: 0.3 mV

Technical changes reserved!



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

Protecting the environment

Disposing of the unit



Used units must not be disposed of with household waste!

If the unit is no longer operational, every consumer is required by law to dispose of used devices separately from household waste, e.g. at

a collection point run by the communal authority borough. In this way it is ensured, that used devices are properly recycled and that negative consequences on the environment are avoided.

For this reason, electrical equipment is labelled with the symbol shown here.

Teufel

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

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