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Dear customer,

Thank you for your purchase of a SCHNERZINGER product.

Please take the time to precisely read the information in this guide. You will find important instructions to use your product and hints for the optimal integration into your HiFi system.

This guide facilitates your use of the product, promotes understanding its functional characteristics and helps you to obtain the full efficiency of the product.

We hope you enjoy your new SCHNERZINGER product.

Package Contents

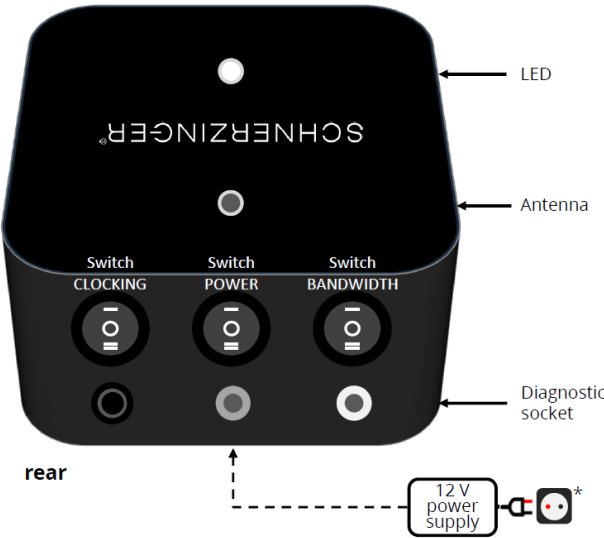
EMI PROTECTOR  
12V Power Supply  
(cable length 1,5m)  
Antenna  
(small and big version)

Dimensions and weight

l 16.3 cm  
w 16.3 cm  
h 7.7 cm  
2.6 kg  
The small antenna is 11 cm long, the big 39 cm.

Like all other PROTECTORS the **EMI PROTECTOR** uses the trendsetting GIGA CANCELING technology. It focuses the performance on its immediate surroundings and effectively protects it from losing sound quality due to high frequency interfering fields. Thus it is suitable for application at critical points in the HiFi room, such as between the speakers, with the HiFi equipment or at the listening position.

\*  
Note the correct phase of the 12V power supply when connecting to the power grid (marked with a silver dot on the plug of the device). Measure the phase of the socket accordingly.



Setting up step by step

1. Basic setting

Operate initially without 12V power supply. Connect antenna (upright position). All three switches in base setting 0, the LED is off.

2. Optimal Positioning

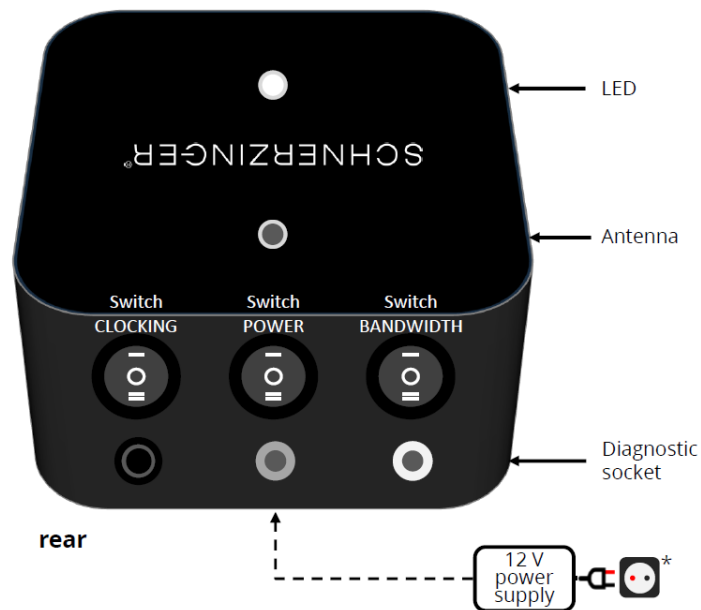
Recommended placement:

- a. In the middle between, in front of or behind the speakers
- b. Next to the HiFi equipment
- c. Behind the listening position

Test a heightened positioning (1,20 – 1,70 m height) in each case.

3. Switch BANDWIDTH

First listen in the basic setting and then switch to position I and II. Listen in comparison and keep the best setting.



## Setting up step by step

### 4. Switch CLOCKING

First listen in the basic setting and then switch to position I and II. Listen in comparison and keep the best setting.

### 5. Increase in performance (switch POWER)

Usually the setting is now complete.

But if the base setting is not sufficient for the present interference field spectrum, the permanent connection of the 12V power supply to the grid is required.

It should be connected to a power circuit separate from the HiFi system – ideally even to a different power phase.

Do not change the optimal switch setting for BANDWIDTH and CLOCKING determined in steps 3 and 4!

Listening tests of the power levels, starting with switch position I (LED on), then switch position II (LED high).

If there is no improvement, return to POWER basic setting:

Remove the 12V power supply again, POWER switch position 0, LED stays off.

## Additional information

The procedure for setting the switches as described above is a recommendation and in most cases the most effective variant.

All variants of switch positions in all combinations are allowed, the device is not damaged when trying all possibilities.

If after a while you once want to hear the performance of your system without your EMI PROTECTOR, the buffering effect absolutely has to be considered. If the EMI PROTECTOR is switched off for a short time only, it still takes effect because of the buffering of the power supply unit.

Disconnect the 12V power supply (if connected) from the power grid and the EMI PROTECTOR resp. Remove the antenna, place the unit on the floor (best stored on the side) and set the middle switch POWER to position 0. Keep these conditions for several hours, preferably overnight. This way you achieve that the EMI PROTECTOR has no effect any more.

Upon recommissioning the interfering fields will be cleared again fast.

To maintain its performance, the EMI PROTECTOR it should be connected to the grid with the 12V power supply once a year for approx. 15 minutes.

Please clean the product with a non-scratching dry duster only. Avoid using cleaning agents.

In case of malfunctions contact your SCHNERZINGER dealer. Please do not attempt to service the device yourself or to open it, in that case you will lose your entitlement for our manufacturer warranty.

Enjoy listening!

## Imprint

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