

MULTI GUARD

SCHNERZINGER®



MULTI GUARD 2022-03 V1

Abbildung ähnlich

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

MULTI GUARD master
min. 1x MULTI GUARD unit
12V power supply
(cable length 1,5m)
Antenna (per unit + master)

Dimensions and weight

MULTI GUARD MASTER:
17 x w 7 x h 3.5 cm / 0.3 kg
MULTI GUARD UNIT:
14 x w 5 x h 5 cm / 0.25 kg
Antennas are 11 cm long.

MULTI GUARD

The GIGA CANCELING technology of the **MULTI GUARDS** clears up electrical interfering fields, resulting from the domestic power grid, radiating into the direct environment.

Application of multiple MULTI GUARDs offers a flexible modular assignment at critical points, distributed in the room they form a comprehensive protected area thanks to their coupling function.

A MULTI GUARD set always consists of a MASTER and at least one unit (either PHASE, EARTH or ROOM).

MULTI GUARD **PHASE**:

Clear up the individual domestic power phases.

MULTI GUARD **EARTH**:

Clear up the protective/earth conductor.

MULTI GUARD **ROOM**:

Clear up the electrical interfering fields that radiate into the room through the power cables installed in the walls and floors of the HiFi room.

When installing, always start with PHASE, followed by EARTH and finally ROOM.

The antenna should be in a vertical position (bent upwards).

It is essential to note the correct phase (marked by a silver dot on the plug). Measure the phase of the socket accordingly.

Setting up step by step

1. MULTI GUARD MASTER - basic setting

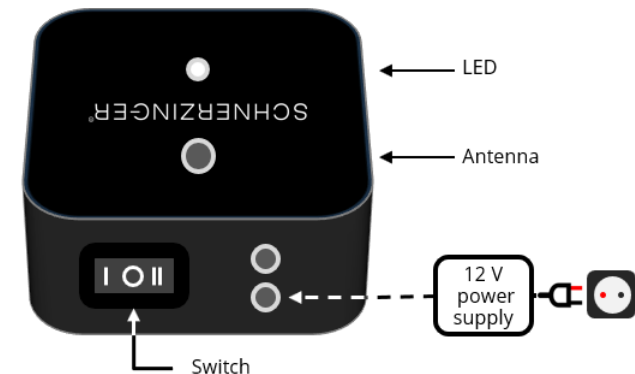
The MASTER should have a central position in the HiFi room, a slightly elevated place has also proven its worth.

In the basic setting it is operated without the 12V power supply.

Connect antenna

(upright position).

Switch in position 0.



Setting up step by step

2. MULTI GUARD PHASE

Using/trying out in the following order has proven effective:

1. GRID PROTECTOR not available:

at the first slot of the HiFi power strip, if necessary a second at the last slot.

2. GRID PROTECTOR available:

Slot of the HiFi power strip (e.g. last slot).

3. Try additional MULTI GUARD PHASE:

in sockets of the same phase (as the HiFi system) in the HiFi room

in sockets of a different phase (as the HiFi system) in the HiFi room

in sockets of the same phase (as the HiFi system) in other rooms near electrical devices (in the office at the computer, at the refrigerator or stove, at the router)

in sockets of a different phase (as the HiFi system) in other rooms near electrical devices.

It may be beneficial if all 3 phases of the domestic power grid are covered by MULTI GUARD PHASE units.

3. MULTI GUARD EARTH

With an average load, 1x MULTI GUARD EARTH is usually sufficient for the whole house, since the protective conductor system of all sockets is interconnected.

Using/trying out in the following order has proven effective :

1. GRID PROTECTOR not available:

at the first or second slot of the HiFi power strip,

2. GRID PROTECTOR available:

in sockets in the HiFi room or a different room.

Note: when using a MULTI GUARD PHASE or EARTH in a different room, there must be at least one other MULTI GUARD (whether PHASE, EARTH or ROOM) in the same room as the MASTER.

4. MULTI GUARD ROOM

They are intended for the HiFi room and their most effective location must be tested by trying them out on various remaining sockets.

The best effect is usually achieved when the MULTI GUARDs (incl. PHASE and EARTH) used in the HiFi room cover all the walls of the room.

5. MULTI GUARD MASTER – fine tuning

If the basic setting is not sufficient for the present interference field spectrum, two additional power levels can be activated (switch position I and II). This requires the permanent connection of the 12 V power supply. It should be connected to a power circuit separate from the HiFi system - ideally even to a different power phase.

When connecting to the grid note the correct phase (marked by a silver dot on the plug).

Measure the phase of the socket accordingly.

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

If there is no improvement, return to basic setting.

Additional information

The procedure as described above is a recommendation and in most cases the most effective variant. All variants of uses are allowed, the products are not damaged when trying all possibilities.

To maintain its performance, the MULTI GUARD MASTER 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!

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