



OPERATOR

SCHNERZINGER®

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 Hi-Fi 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.

Please clean the product with a nonscratching 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.

In the case of damages at the power plug or power cable please initiate an exchange at SCHNERZINGER via your dealer.

Package Contents

OPERATOR

With a fixed intelligent power feed system
or alternatively with an IEC power socket

Safety instructions

The product must NOT:

- be plugged one behind the other
- be operated in a covered manner

Use is only permitted in dry rooms.

Contents:

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OPERATOR

The **OPERATOR** is a mains strip for up to 8 resp. 12 devices, ensuring a new quality of full speed processing of current pulses, thanks to the SCHNERZINGER ATOMIC BONDING formatting processes.

The OPERATOR is optionally available:

- with a fixed bidirectional operating power feed
- with an IEC power socket

The OPERATOR does not provide protection against electrical interference fields - this function is carried out by:

POWER PROTECTOR – interferences resulting from the domestic power grid

POWER GUARD – interferences resulting from the domestic power grid, radiating into the direct environment

The use of a **CABLE PROTECTOR** relates to the protection of the cable; it does not substitute the use of a POWER PROTECTOR or POWER GUARD.



CABLE PROTECTOR
port

POWER GUARD
port
(first socket, possible use of
another one at the last socket)

POWER PROTECTOR
port
(either left or right port, test better variant –
also the use of two POWER PROTECTORS is possible)



BIDIRECTIONAL BARRIER

Thanks to **ATOMIC BONDING**-formatted conductor material, all SCHNERZINGER **POWER PRODUCTS** transmit even the highest current pulse peaks at full speed.

In addition, the OPERATOR forms a **bidirectional barrier** when used in conjunction with a **POWER PROTECTOR** or **POWER GUARD**:

- external interfering fields radiating from the power grid or the cables are blocked
- Internal electrical interfering fields caused by the Hi-Fi devices themselves are not transferred to other Hi-Fi devices but dissipated outwards.

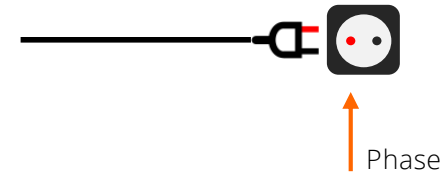
Each SCHNERZINGER product can be used on its own. But using SCHNERZINGER products throughout will result in a closed system in which the bidirectional effect remains uninterrupted.

This includes the use of SCHNERZINGER **POWER CORDS** with **CABLE PROTECTOR**.

Connecting the NEW INNOVATOR to the power grid

A silver dot shows the correct phase of the plug of the fixed bidirectional operating power feed, for proper connection measure the phase of your socket.

In case of an OPERATOR without a SCHNERZINGER power feed system it's absolutely recommended to use a current SCHNERZINGER POWER CORD as power feed, so that the bidirectional mode of action will not be interrupted.



Connecting the Hi-Fi components

When operating a **GROUND PROTECTOR**, it's recommended to connect it to the first socket of the **OPERATOR** (from the view of the power feed). Use further sockets in the sequence of signal flow from source up to the power amplifier.

Please note that the phase is always marked by a silver dot.

It is absolutely recommended to use SCHNERZINGER **POWER CORDs** for the connection of the components. Thus the operating principles of SCHNERZINGER technology will be consistently supported and not broken (ATOMIC BONDING, bidirectional barriers, homogeneous conductor material, aligned and processed plugs and a special connection technology).

Especially via other manufacturer cables electrical interfering fields could penetrate into the system. Using SCHNERZINGER POWER CORDs this is not possible.

Setting up a SCHNERZINGER system

Recommendation for the first setting resp. resetting of several SCHNERZINGER components:

1. Step:

Connect all components

- with the power circuit, if required (see manual)
- with the Hi-Fi devices (GROUND, SPEAKER AMP)

2. Step:

Set all switches at all components to basic setting (switches to position 0).

3. Step:

Test each component **one after the other** for its optimal setting according to the manual, with the following configuration sequence:
CABLES, GROUND PROTECTOR, GRID PROTECTOR, POWER GUARD, OPERATOR/NEW INNOVATOR, SPEAKER AMP PROTECTOR, EMI PROTECTOR, GIGA PICCOLO PROTECTOR, GIGA GUARD, GIGA PROTECTOR

If you add your device to an already existing SCHNERZINGER chain, outstanding results will be obtained mostly when all devices will keep their former settings and just the additional product will be installed and configured as described in its manual.

If this does not provide satisfactory results, we recommend a complete system resetting.

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