



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 non-scratching dry duster only. Avoid using cleaning agents.

A potting compound in the devices protects the innovative GIGA CANCELLING technology with its particular electrical components specially manufactured for SCHNERZINGER against direct access and screening via X-ray or magnetic field applications. A slight rustling caused by this potting compound is normal and does not result in any functional impairment. There are no informed crystals in the devices.

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

Dimensions and weight (l x w x h in cm; weight in kg)

OPERATOR 8	60 x 6.5 x 4; 2.5
OPERATOR 12	82 x 6.5 x 4; 3

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:

OPERATOR

BIDIRECTIONAL BARRIER

Connecting the OPERATOR to the power grid

Connecting the Hi-Fi components

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:

OPERATOR 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 an OPERATOR PROTECTOR or POWER GUARD.



**CABLE
PROTECTOR**
port

POWER GUARD

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

OPERATOR PROTECTOR

port
(either left or right port, test better variant –
also the use of two OPERATOR 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 an **OPERATOR 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.

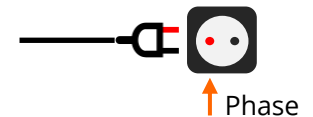
Each SCHNERZINGER product can be used on its own. But using SCHNERZINGER products throughout will result in a closed system in which the bidirectional effect remains uninterrupted.

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 following sequence:

1. POWER GUARD (if available)
2. Analogue sources and other analogue devices in die sequence of signal flow
3. Digital sources and other digital devices in die sequence of signal flow
4. Power amplifier

Last socket POWER GUARD BOOSTER (if available)

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.

For SCHNERZINGER POWER CORDs of different quality grades, the following allocation is usually recommended: the best quality grade for the power amplifier, then digital devices and finally analogue devices.

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