

Welcome to the SCHNERZINGER world.

Thank you for purchasing a SCHNERZINGER product.

With the REFLECTOR system, you have chosen the latest development of our audiophile high-frequency interference suppression solution. With the GIGA CANCELING PLUS+ technology, the system combines extremely high efficiency with significantly improved adaptation to changing interference field influences.

By eliminating sound-damaging high and low-frequency electromagnetic interference fields, sound propagation is unhindered and uniform. This results in a significant increase in spatiality, depth, naturalness and precision, clarity, transparency and differentiation.

Please take enough time to read the information in these instructions. You will find important information on how to use your product - and you will hear the system demonstrate its full effectiveness.

We hope you enjoy using your new SCHNERZINGER product.

REFLECTOR

System:

REFLECTOR MASTER (RFMA)
REFLECTOR SATELLITE (RFSA)

Housing dimensions incl. base:

90 x 90 x 45 mm

Housing dimensions incl. high-gain antenna:

90 x 90 x 265 mm

Connections:

1x DC socket (12V AC/DC adapter mains connection)
1x 2,5 mm jack socket
1x SMA 50Ω antenna socket

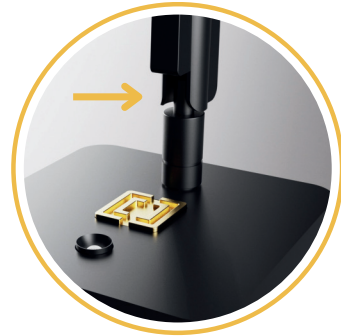
Scope of delivery:

2, 4 or 6 REFLECTOR units
12 V power supply unit
(utilize only for system calibration, see page 2)
High-gain antenna
DC extension cable 3 m

Installing the antenna

Turn the enclosed SCHNERZINGER antenna onto the antenna socket and position it vertically.

The open angle joint of the antenna points directly forwards towards the LED (to check: the antenna can be tilted forwards towards the LED).



Interconnected system

A REFLECTOR system consists of a MASTER and one or more SATELLITE units. Several masters can easily be operated in an extended setup, e.g. after a follow-up purchase and when an existing set has been extended.

All units are to be treated as equivalent when set up in the room.

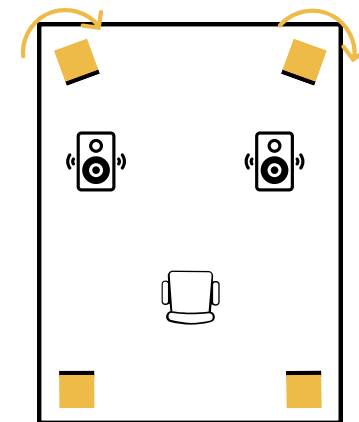
Placement in the room

On the back you will find a recommended placement - depending on the number of REFLECTOR units present. But first, please note the following:

1. ideally, the units should be positioned slightly raised (at a height of approx. 1.0 to 1.4 m).
2. the REFLECTOR units should always face the listener with the SCHNERZINGER lettering/logo - even the units that are positioned behind or to the side of the listener.
3. the units in the front corners of the room should be positioned at a slight diagonal angle. The exact angle can be determined experimentally, as the orientation may have a noticeable impact on the results.



directed
towards the
listener

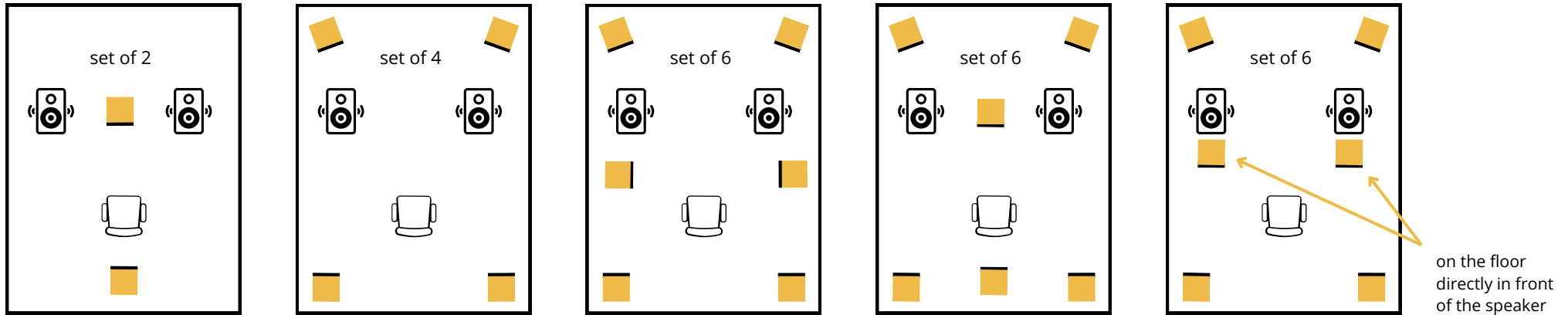


height of approx. 1.0 to 1.4 m

Placement in the room

SCHNERZINGER

Depending on the number of REFLECTOR units available, we recommend the following (alternative) placements:



Setting

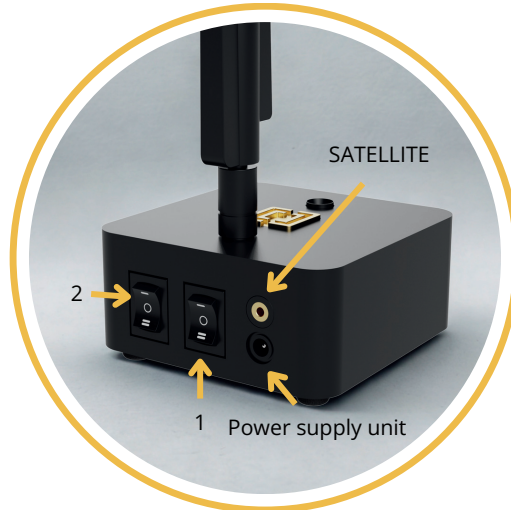
The REFLECTOR units must always be operated without a power supply unit.

In addition to automatic adaptation to changing interference field influences, the system can be individually adjusted and adapted to local conditions using the toggle switches on the rear. All REFLECTOR units must always be tested with the same switch positions according to the following diagram:

both switches in position 0 > listen
Already in position 0, the REFLECTOR units fulfill their main function.
Fine-tuning is carried out in positions I and II.

Switch 1:
change to position I > listen
change to position II > listen
Maintain best result.

Switch 2:
change to position I > listen
change to position II > listen
Maintain best result.



System adjustment

To ensure the maximum performance of the REFLECTOR system in the long term, we recommend an annual system adjustment. This is done by connecting the individual SATELLITES to the MASTER.

Step-by-step procedure:

Connect the MASTER to the mains using the 12 V power supply unit.

Connect a SATELLITE to the MASTER for approx. 20 minutes using the enclosed connection cable.

Set both switches on the MASTER and the connected SATELLITE to position II (LEDs light up).
Calibration takes place.

Carry out the steps for all existing SATELLITES in the system.