

## Next Generation Acoustic Tuning: STEIN Music Hpro.

The STEIN Music Hpro is a highly efficient audio tool, optimizing room acoustics for professional applications such as recording studios, mixing rooms, sound stages, movie sets, music clubs, even up to churches, congress centers, cinemas and concert halls. In essence, wherever a perfect and unadulterated sonic atmosphere is crucial for superior, accurate sound. Or for a good sound and a good living atmosphere at home.

The device is designed for mains-independent continuous operation and is battery-operated. Powered by four standard alkaline AA cells, which are available everywhere in the world, it guarantees consistent, lasting performance of at least three years or the minimum durability date specified on the batteries. The battery status can be monitored by a pushbutton and a control LED integrated in the casing. In order to prevent accidental or unauthorized access, the batteries are fitted inside the unit and can only be easily replaced after the base plate has been deliberately and fully opened.

The operating intensity and the degree of efficiency to the room-acoustics are adjusted by screwdriver via a countersunk built-in potentiometer, which is thus protected against deliberate or accidental manipulation. For perfect intensity adjustment, an easily accessible interface for a digital control instrument is located on the outside. We will be happy to provide this device on request. This way, all STEIN Music Hpro of an entire operating set can be adjusted efficiently, precisely and easily to the optimum operating level.



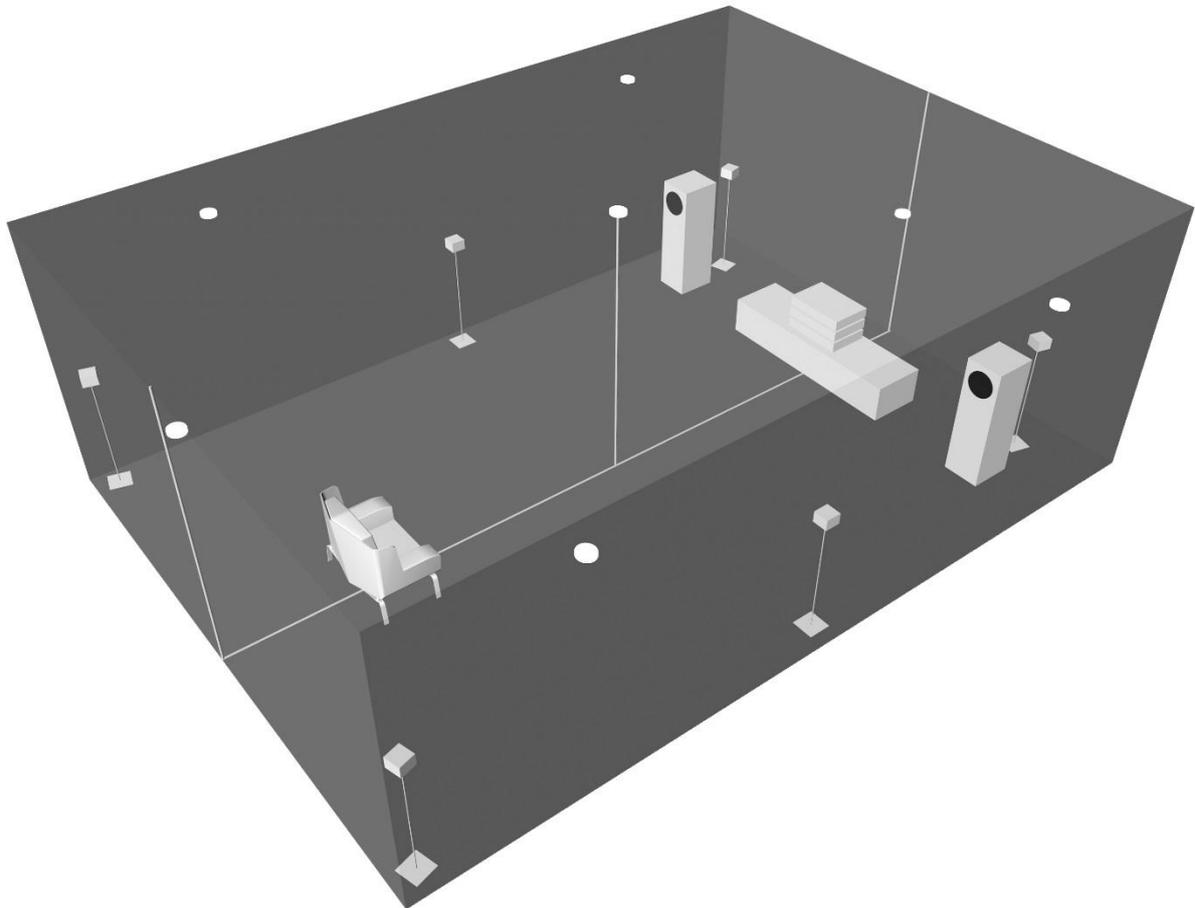
STEIN Music Hpro are equipped with durable and non-slip rubber feet, as well as an internal M8 thread on the base plate for the placement on a shelf or positioning in the room using a tripod. Also available are wall brackets, a mounting kit for professional stage rigs and truss systems, and an adapter for a 3/8 "thread on a microphone stand to ensure maximum versatility in professional studio applications.

An extremely compact design ensures discreet installation at the point of use, though if required, the color of the STEIN Music Hpro can also be perfectly matched to the color of the environment.

### Technical specifications

Size	160 x 100 x 80 mm
Weight	1,3 Kg
Power supply	4 pieces alkaline AA batteries
Battery Life	>3 years continuous use

Schematic example of how to place STEIN Music Hpro and STEIN Music BSpro in a room with an audio system for music reproduction.



For the use in recording studios please use the same setup, but mount the Hpro a little higher on microphone stands or wall brackets.

For concert halls please contact us by E-mail. We will help you to plan and install a perfectly working setup.

The following operating elements are located on the HPro3:

1. socket for connecting a measuring device
2. control for the intensity. To be used with a small screwdriver
3. button for battery check
4. led for battery control



To check whether the batteries are OK, press the button (3).

If the LED (4) lights up, the batteries are OK. Caution: Always replace batteries before the end of their minimum shelf life to prevent leakage.

To adjust the intensity, connect the supplied measuring device to the measuring socket (1). Please set this to the range 20 Volt DC. Here you can now read off a voltage which can be adjusted with the intensity regulator between 0 and about 6 volts.

We recommend setting a voltage of 0.8 to 1 Volt as the initial value.

In practice, values between 0.6 and 1.6 volts have proven to be effective, depending on local conditions.

This display is only used to adjust several Hpro in a room to exactly the same level.

However, the decision on which setting this level is to be made should always be based on the acoustic effects.

In the end, the optimal acoustic result is what counts, the displayed voltage is for comparison purposes only.

Attention!

The values given above are only valid for the DT830B multimeter with an internal resistance of 1 megohm, which is included in our delivery.

If you should use another meter with a considerably higher internal resistance (10Megohm is also a common value), the measured values will double with the corresponding settings.

This means that the recommended initial value is between 1.6 and 2.0 volts, the sensible range of use is between 1.2 and 3.2 volts.

