

SERVICE *Installation*

## GEITHAIN-ME25-SET

After extensive tests we have found that the compact ME 25 by Musikelectronic Geithain is the ideal surround-loudspeaker for home cinema and multichannel music!

It is well known, that the choice of such products is really many-sided. In our new listening room we temporary use also other surround sets, among others from Dynaudio, Canton, B&W, Dali, Phonar, Nubert or Quadral. But additionally we were endeavoured to find a reference, which comes up to our room properties relative to the measuring data and which has

**monitor** qualities on the other side, so that we are able to find mistakes in any down mixing. Especially with SACD and DVD-Audio the acoustic requirements are extraordinary high.

At the previous high-end-exhibition we have heard the brand-new ME 25 of Geithain. Musikelectronic Geithain (ME-Geithain) is a renowned company near Leipzig which

clientele mostly can be found in professional sound studios or within the domain of "Tonmeisters". Despite their small dimensions the sound of these sound converters was real "truly"! They sound naturally and yet musically, so we couldn't forget this impression. That was one reason why we arranged an appointment with the president of the enterprise, Joachim Kiesler. We also ordered a whole set of ME 25 for our listening room. We must confess, we acted on instinct, "out of belly", but when we heard

again the loudspeaker in our room, our "parade-ground", we didn't regret our decision. These converters are playing so perfect that the listener feels himself like a sound engineer. We suddenly heard niceties as never before. Jochen Kiesler, really a regular brick, who needn't brag of his enormous expert knowledge and experience, had adjusted the whole system before. Only after he had released it, we were allowed to run the loudspeaker in our editorial department. Officially!

Catchword

**Monitor**

Loudspeaker, called „monitor“, in the studio domain which should not produce lovely-tones, but sound as natural as possible, with minimum distortions.

Like most of the constructions of Geithain also the ME 25 is based on a coaxial two-way-system. That means the tweeter is placed just near the centre of the low-middle tone system.



## GEITHAIN ME25/BASIS1

Distribution: Musikelectronic Geithain    Guaranty: 2 Jahre  
Tel.: 034341 311-0    [www.me-geithain.de](http://www.me-geithain.de)

Acoustically, it is a very big advantage that these loudspeakers are radiating nearly like a point source, therefore the signal localization will be much better by this way.

Actually, it is the perfect near-field loudspeaker for sound studios.

For this domain Geithain presents a whole pallet of loudspeakers, which are all much more high-end but also much more expensive, of

course. Already because of its attractive design of beautiful maple and the optionally available stands, ME 25 is a real home cinema product. On the one hand, we do not settle our

reference to very high regions, because a set of ME 25 requires less than 4000 €, but on the other hand it satisfies high demands. The ME 25

even could match in two-channel stereo with the best compact sound converters.

The listening experience with those loudspeakers is a class of it's own for sure. The best way to describe the "Geithain-effect" is to imagine such a set as a huge surround-earphone. In fact they sound so accurate but still naturally; you don't notice them as a separate acoustic source anymore. And just that is the main target of the surround-sound: to downsize the yet big distances between the five loudspeakers close to a circle. This discipline seems to be made

for the little Geithain's they can handle with it perfectly.

The BASIS 1 active subwoofer is a low-tone champion: heavy, high-performance and technical perfect. Symmetric inputs, alignment potentiometers and the extraordinary strong chassis are not only relicts from experts, but requirements for a world champion-woofer which with film-mixing enables the listener to localize contoured bass razor-sharp.

Therefore, the Geithain-set surely is the perfect compact reference.

## The Set

**Main-/Center-Rear-Loudspeaker:** Geithain ME25 20,5 x 32 x 22 cm (BxHxT)

**Subwoofer:** Geithain Aktive Subwoofer BASIS1 40 x 40 x 40 cm (BxHxT)

**Setprice:** 5640 Euro

## Measurement Sound Operating Level

The quality of any listening room can be evaluated by measurements.

The quality of a well-prepared listening room should be evaluated in our case after its installation also by measurement. Jochen Kiesler from ME-Geithain measured the sound operating level as the mean value curve by five measurement points. That means each of the five loudspeakers has to be measured from five different positions. The loudspeaker sends a short impulse which is received by a measurement microphone. The mean value of all the five curves is

determined by a special computer programme, to show the average profile. From that four diagrams could be derived, shown at the bottom (front left/right, back left/right, without Center).

It can be seen very clear that the level deviations of all the four loudspeakers are within +/- 5dB. This is quite good for a listening room. Against that, larger frequency dips and peaks would be disadvantageous.

In sound studios the tolerance of the sound operating level curve has to lie between +/- 3 dB. Therefore, we can say we are quite near the studio standard.

