

Sound Field Effects - BAT Series Super Tweeters & WHD PURE



THE ISSUE

As you improve the quality of the amplifier, the cables, the power supply and room environment, the clarity of the sound increases. It becomes pure and powerful ... but the perception of Micro Detail and of the Realism of the Music are not much improved.

THE TAKET EFFECT

Depending on the model used, the improvements to a system's sound performance are incremental :

- Adding the **BATPURE** makes it possible to hear very intricate and small sound detail.
- When BATPURE is replaced by the **BATPRO 2**, the soundstage of the high frequency range widens noticeably.
- If you now introduce the **BATMASTER**, the axis of that soundstage will stabilize and will not blur.
- Furthermore, If the **WHD-PURE** Mid-Bass High Definitionier is added to the equation, the sound field of the low frequency range expands more than when adding a subwoofer, and the "breath" of the low frequency range can be heard.

BASS REFLEX SPEAKER APPLICATION

Finally, in a bass reflex speaker system, by placing BATPURE in the duct as shown in our illustration , the mid-low range becomes extremely clear, and the overhang to the front of the speaker is obtained. This creates a vastly improved Holography with realistic sharpness.

We illustrate these effects in diagrammatic form below :



- This shows the extension of the sound field. The location and boundary of the stage is more stable if the outside line is smooth.
- The circle's size indicates the gradation of the micro sound that can be heard
- The thickness of the circle's circumference line indicates better transparency
- The X marks the Listening Position