



## Automatic Audio & RF isolation box

AB 69 is a shielding box specially designed for audio and RF testing of consumer electronics production lines. The inner cavity is large, which can effectively prevent reflection and reverberation in the box, providing a stable and reliable acoustic environment for audio testing of products. At the same time, the outer cavity is made of all sheet metal, which ensures good electromagnetic shielding.

In terms of acoustics, the product adopts a unique compression design, realizes 12 layers of complex sound insulation layers on a limited wall thickness, and uses sound insulation flannel as the surface layer to solve the instability caused by aging and damage of wedges in the process, and achieves excellent sound isolation in a limited and compact space. Besides, the channel terminal interface resources are rich, and the manual and automatic integration can meet the testing needs of various products and production lines.

Cabinet is optional

### Product Parameters

Overall parameters	
External dimension <b>Excluding cabinet</b>	(W)755×(L)770×(H)650mm±5mm
Internal dimension	(W)475×(L)400×(H)355mm±5mm
<b>Cabinet (option)</b>	(W)935×(L)895×(H)590mm±5mm
Isolation	Audio: external: ≥90dBA, internal: ≤ 50dBA ,from 100Hz isolation ≥ 40dB RF: 0.8G - 2.4G, isolation ≥ 60dB
working voltage	220V
Number of BNC terminals	6 (customizable)
Number of USB terminals	2 (customizable)
Number of 3.5mm terminals	1 (customizable)
DC interface	1 (customizable)
Ethernet port	2 (customizable)
Switch type	Double cylinder

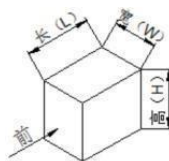
### Advantage

- audio and RF double isolation
- support manual and program-controlled design
- double button design, anti pinch
- rich input and output terminals
- the inner surface adopts microporous cotton surface, which will not be damaged as easily as sponge after long-term use

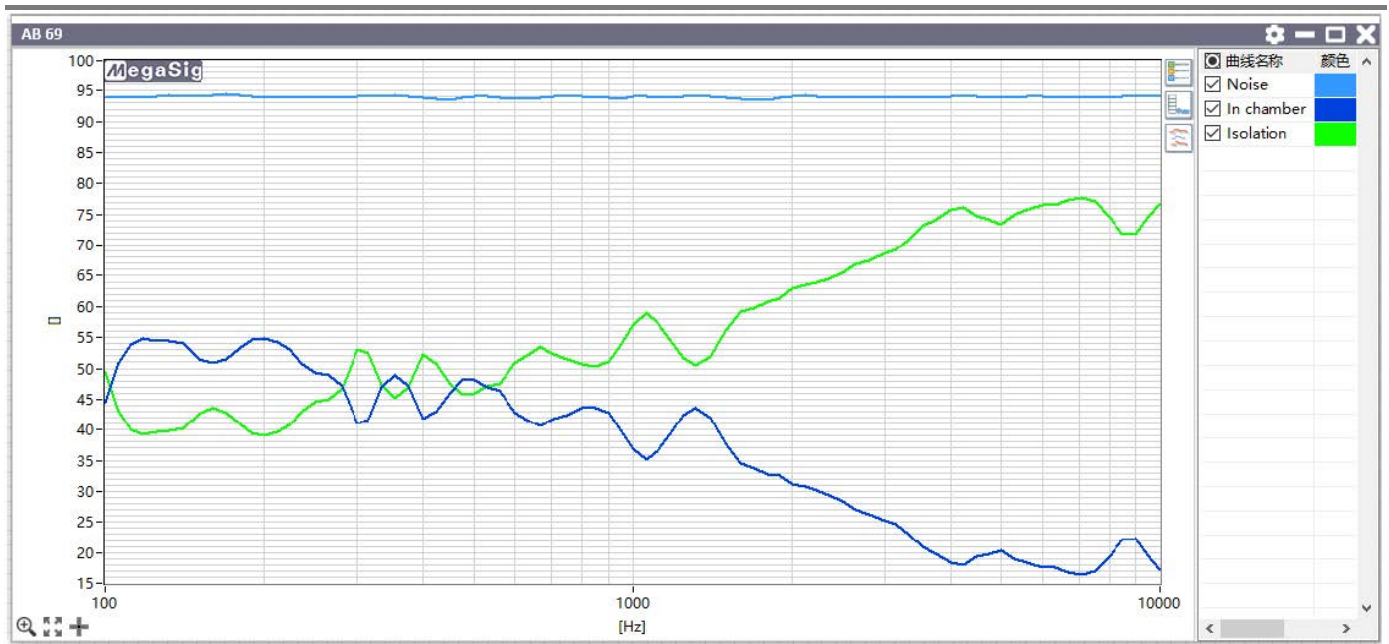
### Compartment structure

From outside to inside:

- 3mm steel plate plastic spraying
- 9 layers of 10mm spacer plate
- 3 layers of 50mm cotton
- 1mm microporous cotton surface
- Pyramid reinforced sound-absorbing cotton



## Typical Data



MegaSig reserves the right to change specifications and accessories without notice.



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