


Ceiling Speaker CSM 125-6AB EN54






	EN 54-24:2008 Ref. No.: U05-17 ID-Code: UET-LS01 1438-CPR-0554
	Loudspeaker for voice alarm systems for fire detection and fire alarm systems for buildings
Ceiling Loudspeaker, 2x6W, with fire-dome, CSM 125-6AB EN54, Typ A	
Artikel-No.: 108029	
CE-Symbol according 93/68EWG	

The CSM125-6AB EN54 is designed with two independent speakers and 100V transformers to enable an economic operation of two separated speaker lines (A/B-lines) for highest security demands. In case of a failure of one speaker line the redundancy of the speakers and the transformers will guarantee unimpaired function. The speaker is also compliant with the British Standard BS 5839, Part 8.

The 2x6W powered speaker is equipped with two full-range loudspeakers and two 100V transformer with 3 power adjustments, each. The powder coated metal similar in RAL 9010 guarantees long-term stability. For additional safety a 2-pin-ceramic block, thermal fuses are provided and the speaker chassis are impregnated against dampness. Protection class IP 21C secures the speaker against the impact of environmental influences.

Quick and easy mounting with spring clamps and short tension distance. The connecting cables can be supplied by 4 rubber grommets in the fire-dome. The fire-dome is included in the delivery.

This speaker is suitable for a ceiling strength of about 10 - 45 mm. Our specification is primarily related to solid ceilings, for ceilings with soft materials a higher ceiling thicknesses could be necessary. In addition, stronger cables and other fittings may also result in changes of the appropriate setup. With regard to the variety of materials and manufacturers, we recommend to build in a sample of the speaker to match the requirements accurately.

UNelectronic CSM 125-6AB EN54	
Ceiling Speaker Art.-No. 108029 Certificate No.: 1438-CPR-0554 EN 54-24 DIN IEC 268-5 Type A - Rated voltage: 100V Rated voice / noise power: 2 x 6W 2 x Tappings: 6W/3W/1,5W	   Made in Germany



Ceiling Speaker CSM 125-6AB EN54

Technical Data (Electrical)

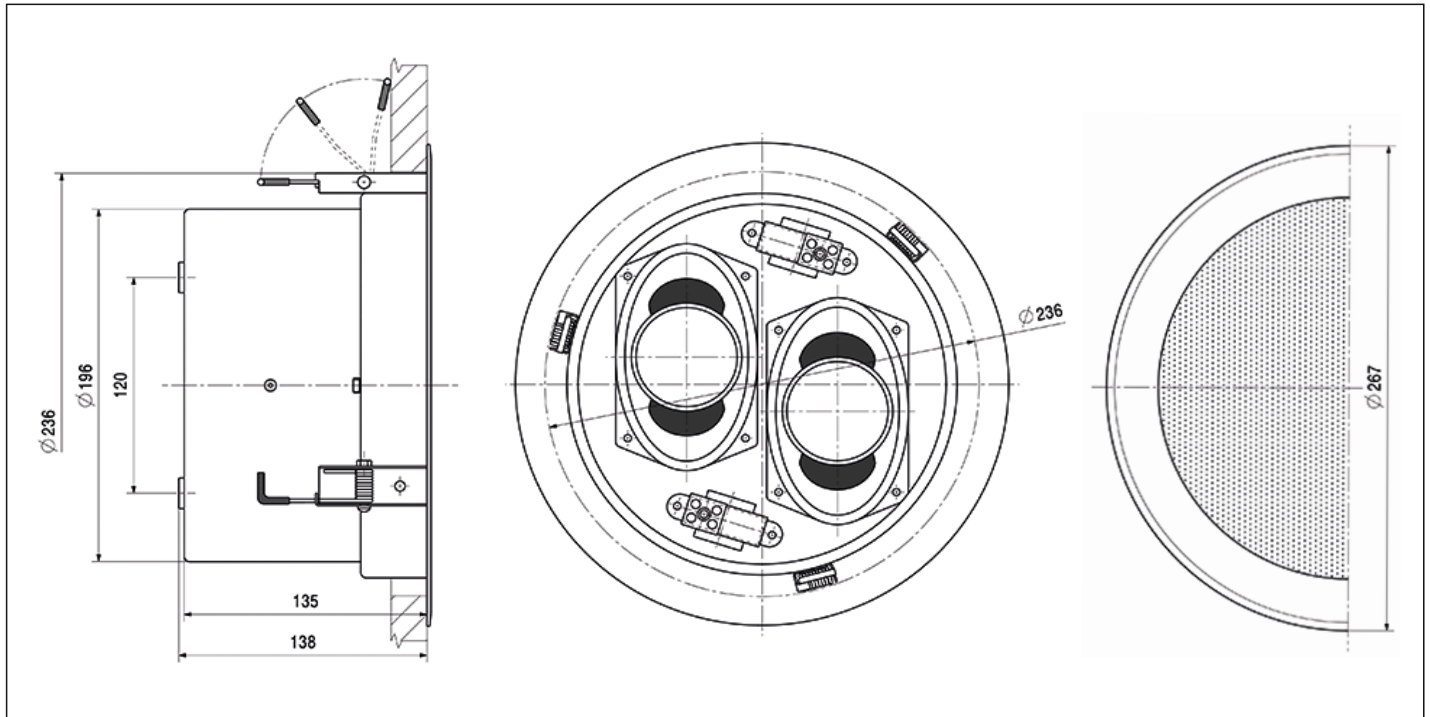
CSM 125-6AB EN54	Single operation	Double operation
Rated voice / noise power	6/3/1,5 W	2 x 6/3/1,5 W
Frequency range (-10dB) IEC 268-5	162 - 18.600 Hz	159 - 16.000 Hz
Frequency response	125 - 23.500 Hz	120 - 23.500 Hz
SPL 1W/1m IEC 268-5	98,4 dB	104,8 dB
SPL 1W/4m IEC 268-6	86,4 db	92,8 dB
SPL Pmax/4m IEC 268-7	94,1 dB	100,5 dB
Sensitify 1W/4m EN54-24	77,8 dB	80,8 dB
Dispersionanglel -6dB, 500Hz	180° h/v	180° h/v
Dispersionanglel -6dB, 1KHz	180° h/v	180° h/v
Dispersionanglel -6dB, 2KHz	80° h/ 70° v	80° h/ 70° v
Dispersionanglel -6dB, 4KHz	41° h/ 32° v	41° h/ 32° v

Technical Data (Mechanical)

Dimensions	267 x 138 mm
Weight	2,2 kg
Ceiling cutout	236 mm
Temperature range	-20 / +80° C
Mounting	Snap Clamp System
Connector	2-pin ceramik block
IP Rating	IP 21
Maximum cable cross section	8 mm ²
Max. cable cross section loop	2 x2 mm ²
Color	white, similar Ral 9010

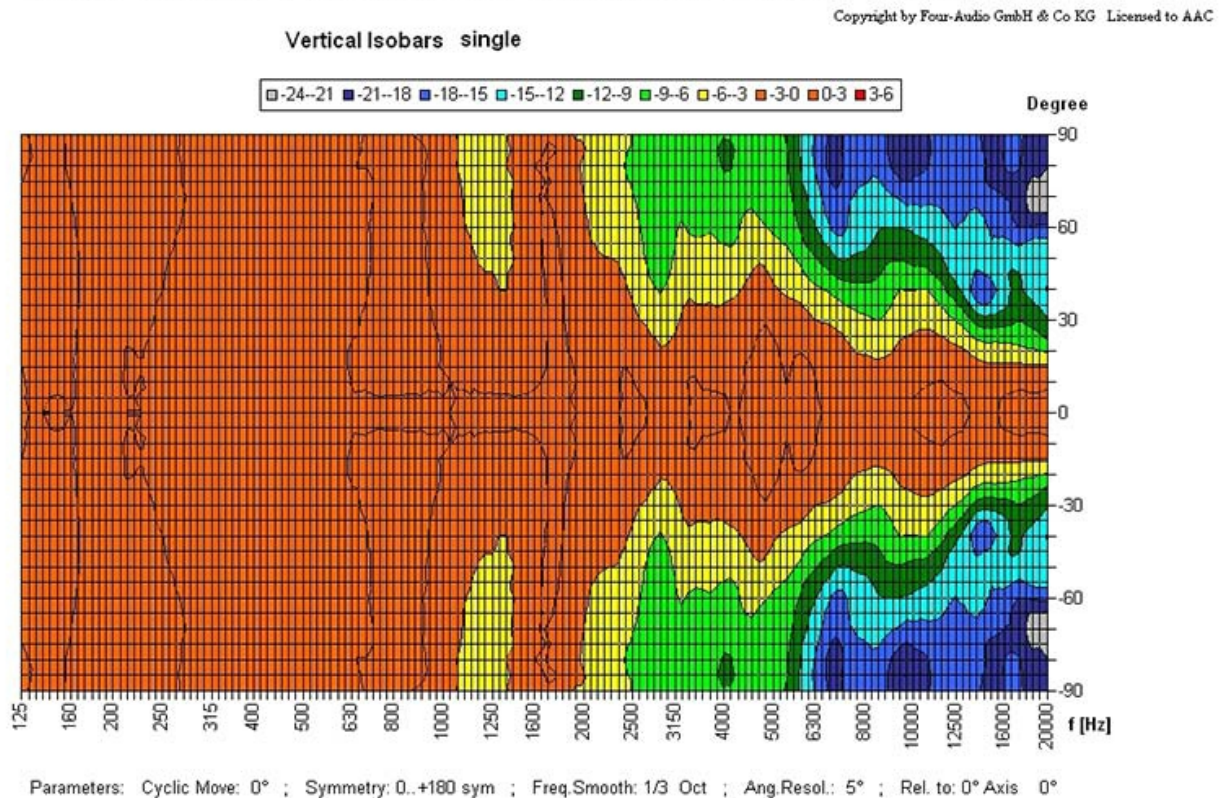
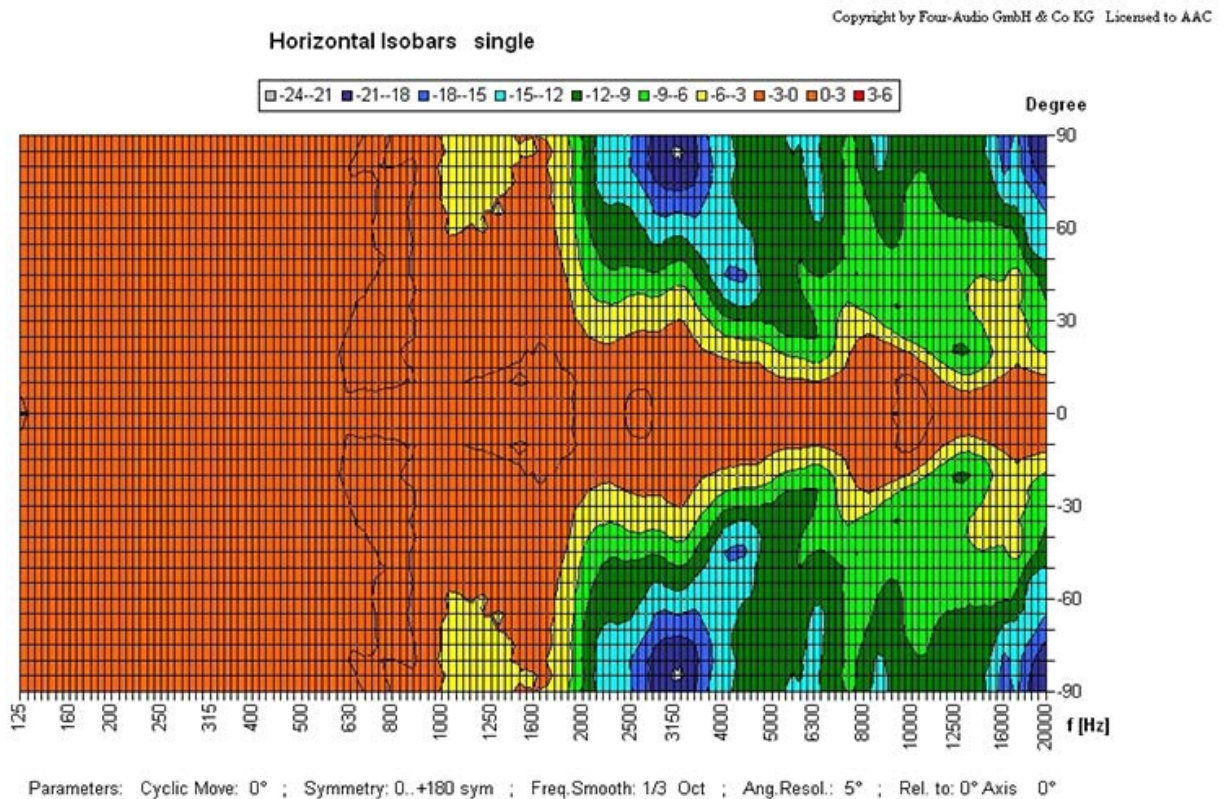
Ceiling Speaker CSM 125-6AB EN54

Technical Diagramm:



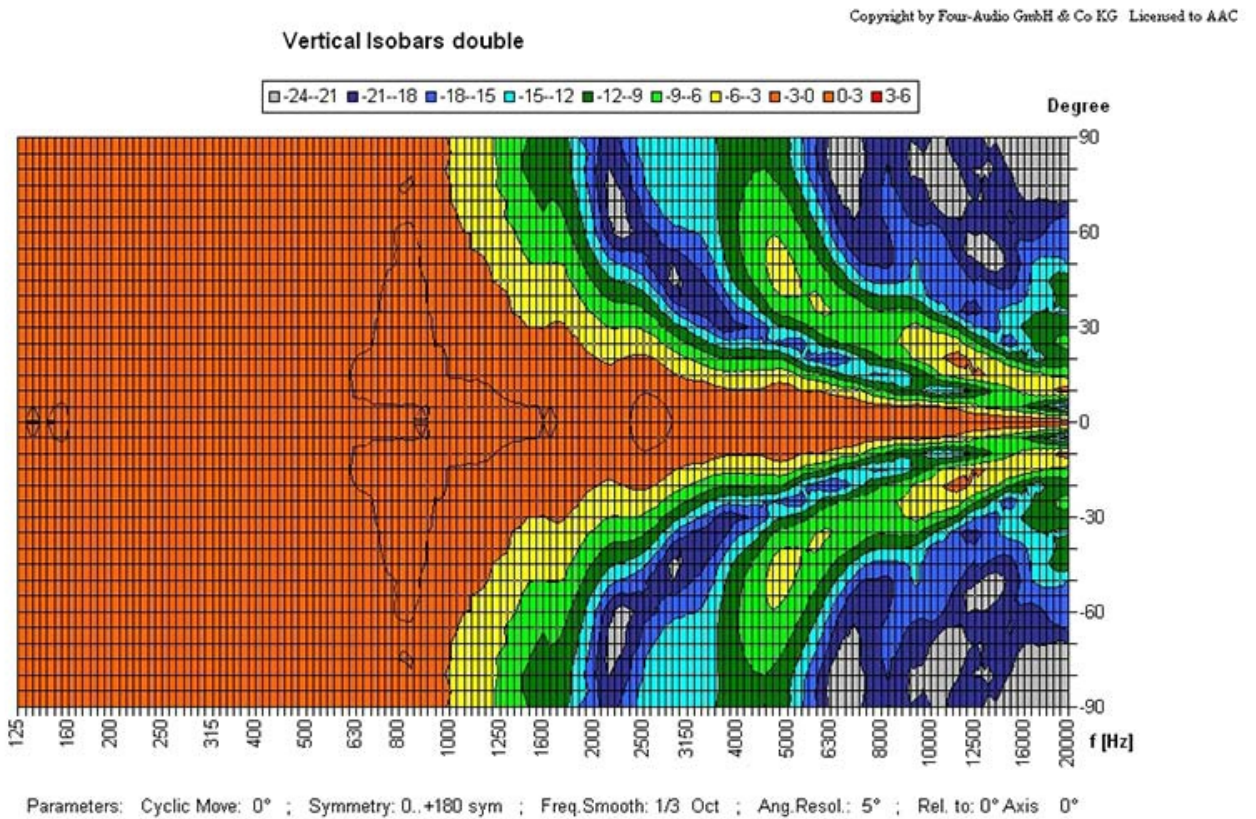
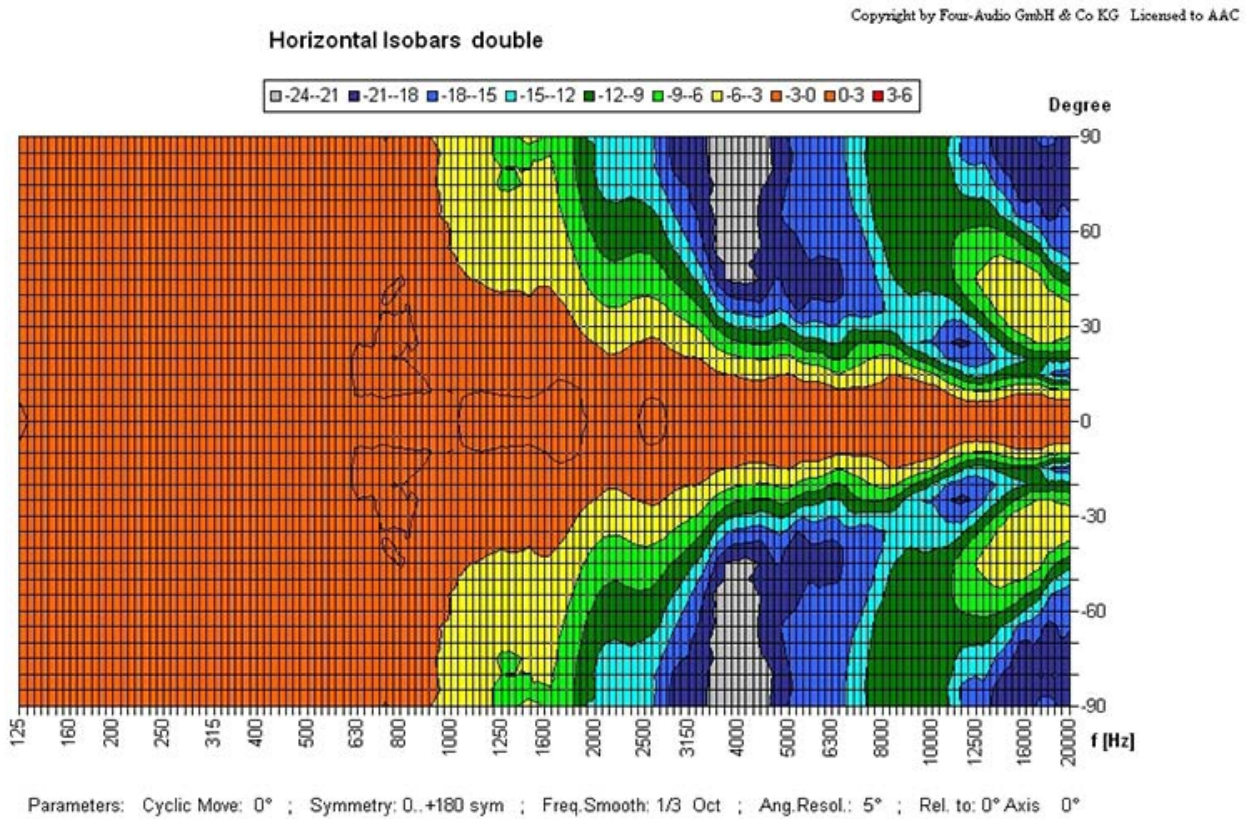
Ceiling Speaker CSM 125-6AB EN54

Polar Diagram single:



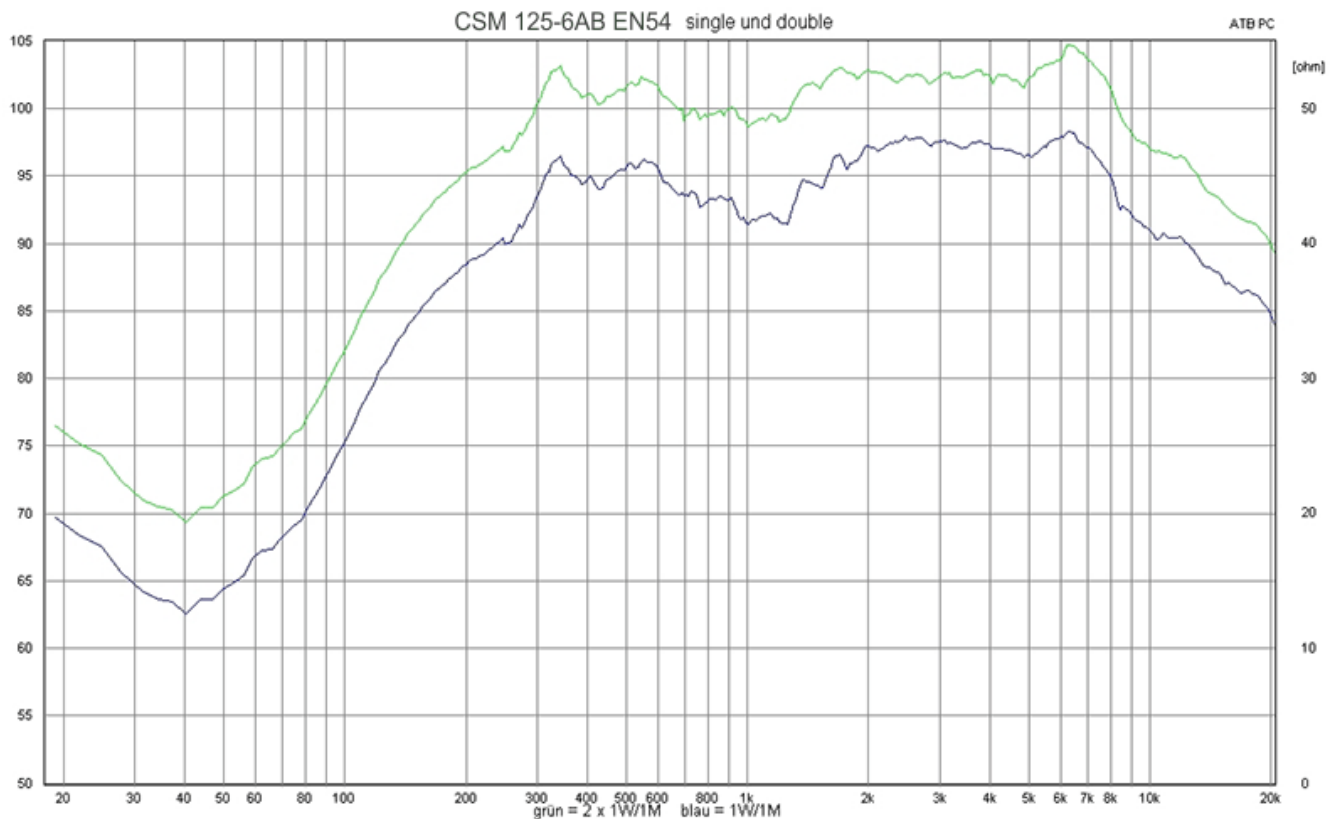
Ceiling Speaker CSM 125-6AB EN54

Polar Diagram double:



Ceiling Speaker CSM 125-6AB EN54

Frequency Response Diagrams:



Measurements according to DIN IEC 268-5 | RoHS compliant (2011/65/EU)

Artikel-No.:: 108029

Packing Unit: 8

The speaker is also compliant with the British Standard BS 5839, Part 8.