

ABT-M50 / ABT-M50BL



	EN 54-24:2008 Ref. No.: 011-13 ID-Code: SAA-LS11 1438-CPR-1030
	Loudspeaker for voice alarm systems for fire detection and fire alarm systems for buildings
Monitor speaker, 50W, ABT-M50 / ABT-M50BL, Type B	
Ambient-System Sp. z o.o. 80-298 Gdańsk, ul. Bysewska 27 Polska	
CE-Symbol according 93/68EWG CPR compliance according 305/2011/EU	

The compact monitor speaker is equipped with a woofer and a mid and high-tone loudspeaker offering outstanding music quality. The EN 54-24 certified speaker has also a weatherproof shock resistant, high-density-ABS housing.

The speaker can be used for 100V and low impedance applications. It is provided with a flexible swivel bracket which enables fast and individual positioning.

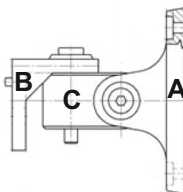
Specials: Impregnated Speaker

Technical specification:

Bezeichnung	Nennleistung/ Nennrausch- leistung	Maße (LxBxH)	Farbe	PEAK Schalldruck- pegel IEC268-5, 1W/1m,	PEAK Schalldruck- pegel IEC268-5, 1W/4m	PEAK Schalldruck- pegel IEC268-5, Pmax./4m	Empfind- lichkeit EN54-24, 1W/4m	Übertragungs- bereich (-10dB) IEC268-5	Frequenzgang	Öffnungs- winkel -6dB, 500Hz	Öffnungs- winkel -6dB, 1kHz	Öffnungs- winkel -6dB, 2kHz	Öffnungs- winkel -6dB, 4kHz
Type	Rated voice/noise power (Watt)	Dimensions (LxWxH) (mm)	Colour (RAL)	SPL IEC268-5, 1W/1m, (dB)	SPL IEC268-5, 1W/4m (dB)	SPL IEC268-5, Pmax./4m, (dB)	Sensitivity EN54-24, 1W/4m (dB)	Frequency range (-10dB) IEC268-5 (Hz)	Frequency response (Hz)	Dispersion angle -6dB, 500Hz (°)	Dispersion angle -6dB, 1kHz (°)	Dispersion angle -6dB, 2kHz (°)	Dispersion angle -6dB, 4kHz (°)
ABT-M50 / ABT-M50BL	50/25/12.5/6.25 (8)	325x202x192	White/Black	88.8	76.8	93.7	72.8	52 > 24k	48 > 25k	V360 H360	V155 H200	V120 H110	V25 H80

Mounting instruction:

1. For mounting use the included swivel bracket. There are three parts of the swivel bracket, one for the wall (A), one for the speaker (B) and one connecting piece (C).
2. Mount the part of the swivel bracket for the wall onto the wall.
3. Mount the part of the swivel bracket for the speaker onto the speaker.
4. Connect both parts via the connecting piece and fix it with the included screws.
5. Connect the incoming cables with the terminal clamp.
6. Remove the strain relief at the electric shock protection.
7. Put the terminal clamp into the electric shock protection and put the cable through the cable duct.
8. Fix the strain relief onto the electric shock protection.
9. Shut the electric shock protection.
10. Put the clamp onto the plug on the rear side of the speaker.



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