

ABT-P10BD



EN 54-24:2008
Ref. No.: 003-14
ID-Code: SAA-LS14
1438-CPR-1029

Loudspeaker for voice alarm systems for fire detection
and fire alarm systems for buildings

Bi-directional speaker, 10W,
ABT-P10BD, 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 stable and reliable bi-directional speaker ABT-P10BD with two fullrange speakers is made of robust and powder coated aluminium. The EN 54-24 certified soundprojector is equipped with ceramic block and thermal fuse. Its vandal-proof mounting plate makes it impossible to cut the power cable and grants a quick and simple mounting.

Specials: Impregnated loudspeaker, ceramic block, thermal fuse

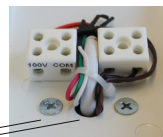
Technical specifications:

Bezeichnung	Nennleistung/ Nennrausch- leistung	Maße (LxHxH)	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-P10BD	10/6/3/1.5	201x176x160	9010	95.3	83	93.3	77	237 > 12.4k	79 > 17.5k	130	150	145	75

Mounting instruction:

1. Connect the amplifier cable with the ceramic clamp of the speaker.
2. Fix the mounting plate of the speaker on the wall.
3. Not included in the delivery: mounting screws.

connect your speaker
line cable here



Power tappings:

Brown: 10W
Red: 6W
White: 3W
Green: 1.5W
Black: COM

Factory default wiring is at 10W, maximum power. You can change the power by using the other cables. To do this, remove the brown cable (right ceramic block) and connect the wire with the colour according to your required power. Please insulate the brown wire after you changed the wiring.



Ambient-System Sp. z o.o.
80-298 Gdańsk, ul. Bysewska 27
Polska

www.ambientsystem.eu