



AIW50T is an elegant indoor wall speaker featuring an ABS injected frame and an epoxy coated aluminium grid. It is equipped with a 127 mm (5") woofer and a 1" dome tweeter, providing a wide frequency response with a natural, smooth sound reproduction, ideal for the use in PA systems and in background music applications.

AIW50T includes a transformer to operate on constant voltage 100V and 70V systems with three different power taps. In compliance with EN 54-24:2008, it incorporates a ceramic terminal block and a thermal fuse and is, therefore, suitable for the use in voice alarm systems.

AIW50T can be installed flush with the wall on plasterboards or wooden panels. Using the optional accessory AIW50FRAME the speaker can be mounted on the surface of concrete or brick walls.

The elegant design provides a cosmetically clean appearance, which makes this units suited for indoor application in malls, exhibition centres, railway and bus stations, etc.

System Type	In-Wall Speaker
Drivers	1" tweeter 5" woofer
Rated Noise Power 100h	12 W
Power rating @ 100V	12 / 6 / 3 W
Power rating @ 70V	6 / 3 / 1.5 W
Impedance	850 / 1.7K / 3.4K Ω @ 100V 850 / 1.7K / 3.4K Ω @ 70V
Connector	Ceramic Terminal Block
Power selection	On Terminal Block
Measure Environment	Free field on standard baffle
Frequency Response (-10 dB)	90 -20k Hz
Sensitivity at 1W (1 kHz, 1m / 4m)	89.8 / 77.8 dB
Sensitivity at 1W (Pink Noise 6dB Crest Factor, 1m / 4m)	86.8 / 74.8 dB
Max SPL (Pink Noise 6dB Crest Factor, 1m / 4m)	96 / 84 dB
Coverage Angle at 500 / 1k / 2k / 4k Hz (-6dB)	Hor.: 130° / 130° / 120° / 90° Vert: 130° / 130° / 120° / 90°
Cabinet	White (RAL 9016)
Material	ABS / Aluminium
Environmental Type	A
Protection Degree	IP21C
Operating Temperature	-10 ÷ +40 °C (+14 ÷ +104 °F)
Relative humidity	< 95%
Dimensions (mm)	280 x 192 x 77 (W x H x D)
Mounting	in-wall with 162 x 250 mm hole or on surface with AIW50FRAME
Weight	1.62 kg (3.57 lb)
Standard Compliance	EN54-24:2008
Certification	0051-CPR-1999