



The AT Series Audio Attenuator are aesthetically designed to blend into most architectural surrounding without any matching complications with other electrical fittings. The units are constructed from high impact ABS material with a pure white matte finish, making the units highly durable while complementing most walls' surface finishing.

Apart from its aesthetic aspects, serious thought has been put into the safety aspect of the AT Series, bearing in mind that each unit comes with a built-in overriding relay, which when triggered will automatically set the output level to maximum.

The series consist of 4 models, a resistor network attenuator AT 05 (rated at 5W) and three transformerised models AT 30 (rated at 30W), AT 75 (rated at 75W) and AT 120 (rated at 120W).

All the models have 6 steps of attenuation from the maximum of 0 dB to the OFF position with each step being -6 dB, all this controlled from a rotary selector switch at the front of the unit.

- Maximum insertion loss of -0.5 dB.
- Sleek and aesthetically designed, constructed from high impact ABS with a pure white (RAL 9010) finish that blends easily into most surroundings.
- The flexibility of being flush mounted or surface mounted without any visible mounting screws.
- Built-in emergency overriding relay which sets the output level to maximum during emergency announcement.



AT 05
5W Audio Attenuator



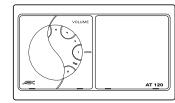
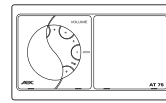
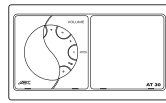
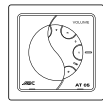
AT 30
30W Audio Attenuator



AT 75
75W Audio Attenuator



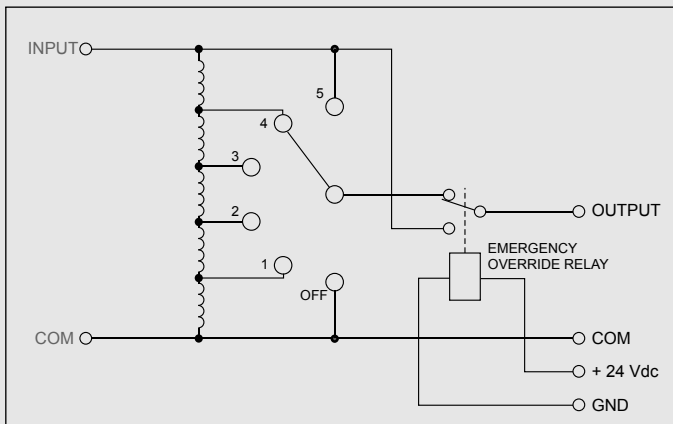
AT 120
120W Audio Attenuator



Technical Specifications

	AT 05	AT 30	AT 75	AT 120
Maximum Power	5 W (100V) ; 3 W (70V)	30 W (100V) ; 20 W (70V)	75 W (100V) ; 50 W (70V)	120 W (100V) ; 80 W (70V)
Attenuation	6 level of -6 dB per step (0 dB, -6 dB, -12 dB, -18 dB, -24 dB, -∞ dB)	6 level of -6 dB per step (0 dB, -6 dB, -12 dB, -18 dB, -24 dB, -∞ dB)	6 level of -6 dB per step (0 dB, -6 dB, -12 dB, -18 dB, -24 dB, -∞ dB)	6 level of -6 dB per step (0 dB, -6 dB, -12 dB, -18 dB, -24 dB, -∞ dB)
Maximum Insertion Loss	- 0.5 dB	- 0.5 dB	- 0.5 dB	- 0.5 dB
Material & Finish	ABS Resin, Matt Pure White (RAL 9010)	ABS Resin, Matt Pure White (RAL 9010)	ABS Resin, Matt Pure White (RAL 9010)	ABS Resin, Matt Pure White (RAL 9010)
Dimensions W x H x D	86 x 86 x 21 mm	146 x 86 x 28 mm	146 x 86 x 28 mm	146 x 86 x 28 mm
Weight	0.1 kg	0.34 kg	0.34 kg	0.34 kg
Emergency Override	24 Vdc, 10 mA	24 Vdc, 10 mA	24 Vdc, 10 mA	24 Vdc, 10 mA

Block Diagram



Accessories

Surface Mounting Back Box

ASM 101

ASM 201



ASM 101: (For use with AT 05)
86 x 86 x 33 mm

ASM 201: (For use with AT 30, 75 & 120)
148 x 87 x 33 mm

Partition Wall Mounting Back Box

APM 101

APM 201



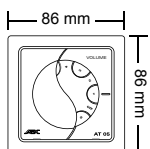
APM 101: (For use with AT 05)
83 x 83 x 37 mm

APM 201: (For use with AT 30, 75 & 120)
142 x 83 x 37 mm

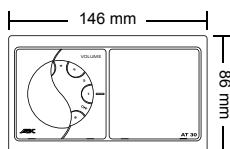
Engineers' Specifications

The audio attenuator shall be suitable for use in 70V and 100V line distributed speaker system. It shall have 6 levels of attenuation in steps of -6 dB, inclusive of an 'OFF' position. Maximum handling power shall be 5W (AT 05) / 30 (AT 30) / 75W (AT 75) / 120W (AT 120), rated at 100V line. A built-in emergency overriding relay shall be incorporated into the unit to switch the output level to the maximum during emergency paging. It shall be able to be both flush and

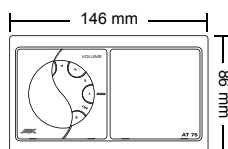
surface mounted to the wall (with optional back box) without any visible mounting screws. The facial components shall be made from high impact ABS in pure white (RAL 9010) and have a matted surface to avoid reflections. Its front facial dimensions shall not exceed 86 x 86 mm (5W model) / 146 x 86 mm (30, 75 & 120W model) and depth not exceeding 28 mm.



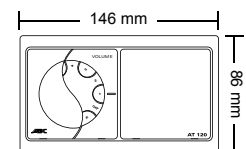
AT 05



AT 30



AT 75



AT 120