



Premium : a compact speaker for a grand experience

A2T'S PREMIUM speaker, at only 4.5 cubic litres, and weighing just 5 kg, is a compact size speaker that delivers high level performance to the most discerning listener. It is very adaptable, fitting well into any system, from passive single amplifier systems (with or without subwoofers) to multi-amp systems, or from a traditional audio stereo to a home theatre systems.

A Hifi speaker that responds to professional requirements

Remaining neutral as well as musically warm, **PREMIUM** totally fulfills the specifications common to all *A2T speakers* defined by :



- *increased directivity control*
- *great impulse response and a linear phase*
- *low thermic distortion and very low transience*
- *high adaptability to any room's acoustic*

Based on these qualities **PREMIUM** gives you:

- **No ear fatigue** even after many hours' listening. Exceptional dynamic accuracy at both high and low volume levels without aggressive tone.
- **A broad area of stable listening** (or sweet area): You can walk freely from one side of your room to another without identifying which speaker the sound comes from – giving the sensation of the sound coming from a virtual source.
- **A natural adaptability to your room's acoustic**: You can tune adjust the speaker's convergence according to both your usual listening position and the room's acoustic properties.
- **Excellent electrical and mechanical reliability**, with no deterioration of transience: Tonal balance and stereo imaging remain unchanged regardless of volume level and time spent listening.

A speaker that evolves with you

PREMIUM has been conceived to be adapted to various uses as well as to evolve with your needs and budget. By adding, at any time, elements around your Premium speakers, you can easily make your system evolve from one of the many possible configurations to another, such as:

- ➔ Single passive stereo amplification (standard Hi-Fi configuration with two premium speakers and one amplifier)
- ➔ Single passive stereo amplification with subwoofers (A2T recommends two Premium subwoofers, but one can also work)
- ➔ Active stereo bi-amplification (one amplifier for the Premium speakers and one for the subwoofers, working together through an active filter).
- ➔ Home theatre system, configured according to the dolby or DTS standards.

Technical specifications (subject to change)

<i>A2t</i>	Premium	Premium with SUB Premium
Bandwith at – 3 dB (in axis, half space measurement)	60 Hz to 25 kHz	40 Hz to 25 kHz
Maximum permanent volume level at 3 m in semi reverberant environnement (pink noise 20Hz to 20 kHz)	94 dB	96 dB
Maximum peak level at 3 m in semi reverberant environnement without distorsion (< 5 %)	102 dB	107 dB
Recommended electric power	50 w to 150 w	50 w to 200 w
Sensibility for 2.83 v / 1m (mesured in half space)	90 dB	91 dB
Cross Over (accoustic + electric)	mid-high passive transducer at 2300 Hz, 24 dB / oct.	mid-high passive transducer at 2300 Hz, 24 dB / oct. mid-low passive transducer at at 200 Hz, 12 dB / oct.
Dimensions (in cm) (H / L / P) Weight	30 × 17 × 20 5 kg	30 × 17 × 20 ; 5 kg 93 × 17 × 32 ; 18 kg
Connections	banana plug or wire	banana plug or wire
Colours	black or satin grey / fair or dark wood / lacquer piano	black or satin grey / fair or dark wood / lacquer piano
Extra feature	• amagnetic	• amagnetic (Premium & SUB)