

## Comparison Chart showing features of various speakers

Features	Conventional speaker	Astute	Astute S	Astute Ultra
<b>CABINETS</b>				
Hanging design isolates drivers from long energy paths	x	✓	✓	✓
Flexible placement without significant degradation	Not common	✓	✓	✓
Asymmetric driver position reduces internal standing waves	Unusual	✓	✓	✓
Unrestricted airflow space around driver.	Sometimes	✓	✓	✓
Complete isolation of midrange and treble from low frequency vibration	x	✓	✓	✓
4 Layer cabinet construction (High energy absorption)	x	✓	✓	✓
5 Layer Cabinet Construction (Very High energy absorption)	x	x	✓	✓
Multi-Layer Cabinet Construction (Ultra High energy absorption)	x	x	x	✓
Ultra thin grill cloth for maximum transparency	Very rare	✓	✓	✓
<b>DRIVERS</b>				
Co-axial driver design	Sometimes	✓	✓	✓
Bespoke drivers	Sometimes	✓	✓	✓
Very high efficiency drivers	Very rare	✓	✓	✓
Drivers with very low cone break up for outstanding clarity and freedom from colouration.	Sometimes	✓	✓	✓
Tweeter with ultra low mass, high strength dome for sublime high frequency performance	Sometimes	x	x	✓
Increased airflow through driver cage	Very rare	x	x	✓
<b>CROSS-OVERS</b>				
High grade cross-over components	Sometimes	✓	✓	✓
Cross-over outside the critical 2kHz to 5kHz region	Very rare	✓	✓	✓
Higher grade cross-over component including high performance Oil filled capacitors	Very rare	x	✓	✓
Inductors produced in house to within 0.1% accuracy	Unlikely	x	✓	✓
<u>Highest</u> Grade cross-over yielding startlingly high transparency	Sometimes	x	x	✓
High grade internal cable		✓	✓	✓
Advanced solder with high silver content		✓	✓	✓
Point to point wiring of cross-over	Very rare	x	✓	✓
Hard wiring of all connections internally	Very rare	x	✓	✓

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Features	Conventional speaker	Astute	Astute S	Astute Ultra
<b>PRECISION &amp; PERFORMANCE TOLERANCES</b>				
Close tolerance of pair matched drivers for centred imaging	Sometimes	x	✓	✓
Fine tolerance electronic components for best response accuracy	Rare	x	✓	✓
Highest precision on all mechanical components		x	x	✓
Individual driver response fine tuned for maximum performance	Hardly ever	x	x	✓
<b>OTHER FACTORS</b>				
Advanced Binding posts of Pure stranded copper, with high pressure connections (manufactured by Origin Live)	x	✓	✓	✓
Bi-wiring option		x	✓	✓
Greater range of finishes for baffle, cabinet and stand		x	✓	✓
Variable height using cord clamp adjustment	x	✓	✓	✓
Advanced wool type to further reduce reflected sound waves.	x	✓	✓	✓
Warranty in Years		2	3	5