

DUNTECH AUDIO PTY. LTD.
12A LIME KILN ROAD, LUGARNO, NEW SOUTH WALES 2210, AUSTRALIA

DUNTECH
DSM-15





THE CULMINATION OF FOUR DECADES OF PASSIONATE RESEARCH LEADING TO PERFECTION.

Winning the accolade as the “world’s most accurate loudspeaker” was no fluke. It was the result of continuing research over four decades to design a product that faithfully reproduced sound as it is heard naturally by the human ear.

Duntech’s engineers were involved in early designs of ground base communication and telemetry antennae for NASA lunar moon landing.

It was this depth of knowledge of how wave energy propagates that allowed Duntech to set about redefining parameters of sound reproduction, hence a new approach to loudspeaker designing.

The result was a breakthrough that produced a new measurement technique about frequency and phase response, time alignment, properties of crossover network and diffraction.

From these guidelines, a totally pulse coherent loudspeaker that contains all the nuances of a complex musical sound was born.

Designing the latest DSM-15 is no different from our approach to designing all our earlier Duntech loudspeakers.

With the greatest attention to detail, our design team meticulously considered all aspects of the design process. We believe that the speakers have to look as good as they sound. Hence driver selection, cabinet and crossover design was allocated to specialists in their field.

Applying all our collective knowledge, the result is the stunning new DSM-15.

Built entirely from custom made birch plywood and solid American walnut, the speakers are visually stunning. The sound is breathtakingly accurate.

Quality control begins with the choice of components. Only the best are used. All parts are individually tested and matched in pairs, for both left and right speakers. We allow a tolerance of only 2% and we can say that both crossovers are virtually identical.

Once completed, each crossover is tested before assembling into the loudspeakers.

All loudspeakers undergo an extensive testing procedure until both left and right loudspeakers are precisely matched as a stereo pair.

Finally every loudspeaker is runned for several hours to allow the driver surround and spider to come closer to compliance. Each speaker is then re-measured to give it the 100% approval for packing and delivery.

With such demanding specifications and commitment to quality control it is not surprising that every Duntech product is treated like a member of their family by many Duntech customers.

We are confident that the DSM-15 will serve you faithfully for many years and hopefully your only reason for change would be to welcome another member of the Duntech family.

DSM-15 Technical Specifications

Frequency Response	45Hz - 35kHz (±1.5dB)	Speaker Finish	American Walnut, Solid wood, Custom plywood
Sensitivity	89dB @ 2.83V/1 meter	Speaker Stand Finish	American Walnut, Solid wood, Custom plywood, Granite
Nominal Impedance	4 Ω	Dimensions (including Stands)	
Pulse Coherency Factor	10µS	Height	112cm
Crossover Design	2 way quasi 1st order	Width	25cm
Power Rating	Minimum 60watts	Depth	40cm
Drivers - Tweeter	25mm Silk Concentric	Weight - Speaker	13kg
Drivers - Bass	150mm Polypropylene	Weight - Stand	34kg
Input Terminals	Pure High Conductivity Copper		