



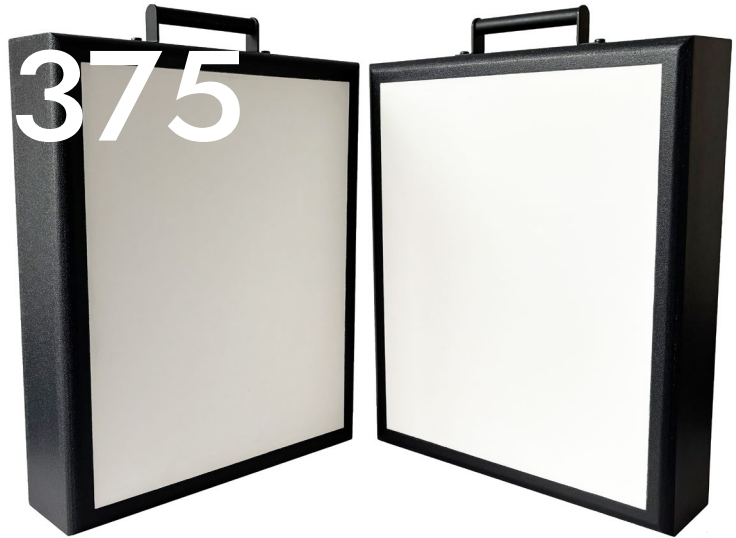
AMINA

DATASHEET Revision 1.2

SAPPHIRE 375

PORTABLE DEMONSTRATION

PLASTER COVERED, FULLY INSTALLED & PORTABLE STEREO PAIR
FOR SAPPHIRE 375 LOUDSPEAKER DEMONSTRATION



TECHNOLOGY THAT DEFIES EXPECTATIONS

To many, the idea of covering a loudspeaker with plaster and still getting exceptional sound feels counterintuitive—almost impossible. This demonstration pair of Sapphire375 panels is designed to put that skepticism to rest. Installed inside a timber-framed enclosure and finished with a genuine plaster skim, this setup replicates exactly what happens in a real installation. By experiencing the speakers in this realistic environment, you'll hear first-hand that Amina's Distributed Mode Loudspeaker (DML) technology isn't a gimmick—it's a precision-engineered solution that transforms surfaces into natural soundboards, delivering crystal-clear, even coverage throughout a space.

INVISIBLE SPEAKERS, WITHOUT COMPROMISE

Amina's unique approach doesn't hide the sound behind a barrier—it makes the plaster surface itself part of the loudspeaker. The result is a broad, immersive soundstage without the directional "hot spots" of traditional cone drivers. This demo enclosure offers a tactile way to understand the technology: tap the surface, see that it's solid, and then listen as it produces high-fidelity audio indistinguishable from traditional speakers. It's a powerful demonstration that invisibility doesn't mean compromise; it means design freedom with uncompromised performance.

SURPRISING DEPTH AND BASS

Invisible doesn't mean thin or lifeless. The Sapphire375 packs a punch well beyond expectations, delivering impressive low-end response from a flat plaster surface. Combined with the smooth, even dispersion of DML technology, it creates a listening experience that fills the room naturally—no visible hardware, no speaker grilles, and no visual clutter. This demo proves that high-end, full-range audio is possible in a completely hidden format, making it ideal for luxury residential and architectural projects where design matters as much as sound.

FEATURES AT-A-GLANCE



75W RMS/150W PEAK

Providing a maximum sound pressure of 92dB SPL from 50W at six ohms



180° DISPERSION

Hemispheric dispersion throughout the speakers frequency range



SONIC CLARITY

Room-filling sound with full-range Hi-Fi voicing and impeccable intelligibility



INSTALL FLEXIBILITY

Install in wall, ceiling or cabinetry and cover with almost any material



POWERFUL BASS

Install in wall, ceiling or cabinetry and cover with almost any material

SAPPHIRE375 DEMO SPECIFICATION

BUILT-IN SPEAKER	2 X Sapphire375		
NOMINAL IMPEDANCE	2 x 6 Ohms	DIMENSIONS	2 x 538mm x 433mm x 115mm 21 ³ / ₁₆ " x 17 ¹ / ₁₆ " x 4 ¹ / ₂ "
POWER HANDLING	2 X 75W RMS / 150W Peak	WEIGHT	2 x 8.6kg (2 x 18lbs 15oz)
LOUDSPEAKER CONNECTION	Female Speakon Socket	COVERING MATERIAL	2mm plaster skim
INCLUDED ACCESSORIES	3m Speakon speaker cables (pair)	FINISH	Black paint finish
		AMP RECOMMENDATIONS	WiiM Vibelink Amp (200W @ 4ohms) Bluesound Pownode (220W @ 4 ohms)

AMPLIFICATION ADVICE

External amplification is required to drive this portable demonstration pair. Recommendations for popular, compact streaming amplifiers are made in the table above in order to provide a convenient, wireless demonstration solution with a familiar or intuitive user interface, although any stereo amplifier rated for 150W @ 6 ohms / 225W @ 4 ohms can be considered. Where available, the performance benefits of higher quality amplifiers will translate through the loudspeakers in order to provide maximum impact. If your company works with preferred amplifier brands, it's a great idea to consider an amplifier model that can be combined as part of a curated 'room package'.

DSP

DSP can be a useful feature in order to make minor voicing adjustments to suit different acoustic environments and tastes. However, all Amina speakers are expertly mechanically balanced to achieve warm, balanced and detailed voicing once installed, and will provide a spectacular demonstration in most environments without the need for correction.

POWER LIMITING

Amplifiers with potential power delivery greater than 150W@ 6 ohms / 225W @ 4 ohms must be hard-limited to remain within the speakers peak power rating. If available, RMS limiting should be set to 75W@ 6 ohms / 112.5W @ 4 ohms to provide thermal protection during particularly loud demonstrations.

DEMONSTRATION ADVICE

PLACEMENT

During demonstration the speakers should ideally be placed against a wall in order to most closely emulate the performance benefits of the 'infinite baffle' achieved by a fully installed Amina loudspeaker system. The speakers do not need to be 'toed-in' or angled towards the listener, and should be spaced approximately 3m-6m apart where possible to achieve a wide stereo soundstage.

MUSIC SELECTION & KEY CALLOUTS

Lossless music sources will provide the best demonstration, and a curated playlist of high quality productions should ideally include some tracks with a strong bass focus. Sparsely mixed music will also emphasise the dynamic range, articulation and detailed performance of the Sapphire Series speakers. Clients may also like to listen to reference tracks that they are particularly familiar with as a personal point of reference.

During demonstration invite clients to move around the space, and even to touch the speaker panels, highlight the speakers phenomenal dispersion, extremely wide listening 'sweetpot', dynamic range, effortless high volume performance with minimal dynamic compression, and spectacular low frequency extension and power, without subwoofer support.

PRODUCT DETAILS

Link: **SAPPHIRE375 DATASHEET**

www.aminasound.com/technical_assets/datasheets/Sapphire375_Datasheet.pdf

Link: **SAPPHIRE INSTALL MANUAL**

www.aminasound.com/technical_assets/install_guides/Sapphire_Install_Guide.pdf



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