



**AMINA**

DATASHEET Revision 1.1

# SAPPHIRE Series

## 130iB

30W RMS PLASTER-OVER INVISIBLE LOUDSPEAKER



### SIBLING WITH SUBSTANCE

As the younger sibling of the full-size Sapphire loudspeakers, the Sapphire130iB delivers immersive, high-quality sound while remaining discreetly integrated into your space. Featuring the same proprietary 'Symphony Cell' resin-impregnated composite soundboard and meticulously optimised aluminium frame, the Sapphire130iB offers a rich audio experience, though with slightly less low-frequency extension than its larger siblings. Perfectly suited for boutique retail, luxury hospitality, or refined residential environments, the Sapphire130iB proves that a smaller form can still deliver extraordinary sound with subtle sophistication.

### REFINED SOUND, COMPACT FORM

The Sapphire 130iB brings the elegance and acoustic sophistication of the Sapphire range into a more compact, versatile form. Engineered to deliver the same clarity and tonal transparency as its larger siblings, it provides immersive sound that enhances every space without ever drawing attention to itself. Designed for those who value both performance and discretion, the Sapphire130iB proves that discreet design and polished performance can coexist beautifully, offering an audio experience that is as refined as the spaces it inhabits.

### ACCESSIBLE LUXURY

As the entry-level model in the Sapphire range, the 130iB makes the pinnacle of invisible sound technology available in a more approachable format, without compromising on design or sophistication.

### ARCHITECTURAL INTEGRATION MASTERY

Designed for precision and efficiency, the Sapphire 130iB installs effortlessly into plaster-finished surfaces using the innovative 'iB' front-mounting tab system and integrated backbox. Its compact footprint not only allows for placement in tighter spaces but also ensures a faster, more straightforward installation, making it the ideal choice for projects where discretion, performance, and seamless integration are paramount.

### FEATURES AT-A-GLANCE



#### 30W RMS/60W PEAK

Providing a maximum sound pressure of 95dB SPL from 30W at eight 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

# SAPPHIRE 1<sup>30</sup> SPECIFICATION

MEASURED AT 20°C WITH A 2MM PLASTER SKIM



<b>NOMINAL IMPEDANCE</b>	8 Ohms
<b>SENSITIVITY</b>	76dB
<b>EQUIVALENT SENSITIVITY (WITH-OUT PLASTER)</b>	82dB SPL
<b>RATED MAXIMUM SPL</b>	90dB SPL
<b>FREQUENCY RANGE (-10dB)</b>	60Hz - 20kHz
<b>FREQUENCY RESPONSE (-6dB)</b>	80Hz - 20kHz
<b>COVERAGE (H/V)</b>	180°/180°
<b>POWER HANDLING (RMS/PEAK)</b>	30w/60w
<b>RECOMMENDED HIGH PASS FILTER</b>	40Hz, (24dB per Oct.)
<b>ELECTRICAL CONNECTION</b>	Wago Lever-Splice 16–10 AWG (1.5–6 mm <sup>2</sup> )
<b>PRODUCT DIMENSIONS</b>	402mm X 304mm X 77mm (15 <sup>13</sup> / <sub>16</sub> " x 11 <sup>15</sup> / <sub>16</sub> " x 3 <sup>1</sup> / <sub>16</sub> ")
<b>PRODUCT WEIGHT</b>	2.6kg (5lb 12oz)

<b>DRIVERS</b>	1 x DML
<b>VOICE COIL DIAMETER</b>	1x 36mm
<b>VOICE COIL CONDUCTOR</b>	Dual Layer Wound Copper
<b>SUSPENSION DESIGN</b>	Engineered Spiderless Coupler
<b>DIAPHRAGM DESIGN</b>	Bending Wave Principle
<b>DIAPHRAGM MATERIAL</b>	Phenolic Honeycomb
<b>RADIATOR SURFACE AREA</b>	400mm X 300mm (15 <sup>3</sup> / <sub>4</sub> " x 11 <sup>13</sup> / <sub>16</sub> ")
<b>MANUFACTURER WARRANTY</b>	10 Years
<b>LOW-Z PROTECTION</b>	Guardian 2/8/16
<b>HIGH-Z TRANSFORMER</b>	Multitap Or Fixed Value Available
<b>MOUNTING HARDWARE</b>	All Fixings Included
<b>FIRE BARRIER</b>	Firehood 300

## REFERENCE APPLICATIONS

The Sapphire 130iB delivers refined, high-quality sound in spaces where discretion and elegance are paramount.

**HERITAGE PROPERTIES:** Ideal for integrating into historic buildings with limited cavity space.

**CONFERENCE FACILITIES:** Exceptional speech intelligibility for meeting rooms and presentation spaces.

**BOUTIQUE RETAIL:** Delivers a luxurious sound experience without disrupting the aesthetic of the boutique

**LUXURY HOSPITALITY:** Perfect for luxury hotel suites and fine dining establishments.

**MULTI-ROOM AUDIO:** Consistent, balanced sound throughout the home with invisible integration.

**MUSIC-FOCUSED ENVIRONMENTS:** Extended bass response delivers complete listening experience when paired with a subwoofer.

## LIMITLESS AESTHETIC APPLICATIONS

The Sapphire130iB represents the pinnacle of invisible audio integration, completely disappearing behind plaster while delivering extraordinary sound. This approach creates design freedom with compatibility spanning Venetian, lime, clay, polished, and specialized spray-on plaster finishes.

## SYSTEM PROTECTION & INTEGRATION

All Amina low-impedance loudspeakers require effective protection from being overdriven to qualify for our 10-year warranty. We recommend using Amina's Guardian protection devices in-line between your amplifier and loudspeaker for optimal performance and longevity.

Comprehensive installation instructions, training resources, CAD files, and application notes covering various finishing materials are available at [aminasound.com](http://aminasound.com). Our support team is always available to provide guidance for challenging installation scenarios.



RoHS  
Compliant

UK  
CA



Copyright Amina Technologies Ltd. 2024. All data subject to change without prior notice. E&OE.

**AMINA UK**  
Amina Technologies Ltd.  
Cirrus House, Huntingdon  
Cambridgeshire  
PE29 7DL, UK  
Phone +44(0)480 354390  
Email [info@aminasound.com](mailto:info@aminasound.com)

**AMINA USA**  
LK Distributing Inc.  
3850 SW 30th Avenue  
Miami,  
Florida 33312, USA  
Phone +1(0) 954 792 3572  
Email [info@lka-fl.com](mailto:info@lka-fl.com)

**WWW.AMINASOUND.COM**