

REFERENCE SERIES

owner's Manual



uandksound

AWAKEN YOUR SENSES



UandKSound was founded in 2015 with a clear goal: to deliver high quality products with the best value for money. Today, all UandKSound products are designed in Europe and carefully crafted to deliver a level of performance that stands above expectations.



SOUND ARCHITECTS

It is not easy to find a design that identifies us, but we do not like to be the same as the competition. All our loudspeakers have been created to be an integral part of the home decoration. This has been so, since UandKSound was born, with the aim of reliving the experience of feeling like one more protagonist of the seventh art, hand in hand with the best sound experience. Commercial movie theatres have undergone continuous technical improvement in recent years in conjunction with recording media. However, there is no doubt that everything can be improved and that is where UandKSound is positioned.

Since 2018, we have designed high-performance loudspeakers such as the successful M6 series, which is easily integrated into all kinds of environment and interior decoration. However, in our quest to seek perfection and integrate the best technology, design, and quality, we have advanced one step further in perfection.

For us, perfection can only be defined in one way; 'reference', recognised as the example by which others follow, in their quest to be the best. Having our own identity is achieved through the most advanced designs developed jointly with the greatest integration experts. Every corner, curve and detail of the loudspeaker is meticulously studied to combine the pieces of the UandKSound DNA with one another in harmony and colour. Perfection and elegance are the hallmarks that make it a benchmark for other brands that work on a unique and unrepeatably design.

DESIGNED FOR SUCCESS

The culmination of the most innovative design is presented with Reference Series, the result of a long technical research project in collaboration with expert sound engineers from the film industry. Only they, really know the intended audio experience in any given movie. Our challenge is to reproduce and deliver that experience to your home as perfectly as possible. Thanks to the wisdom of our engineers and technical components of the highest quality, this is made possible.

We start by referring to the loudspeakers' high-density enclosure for which we have obtained an improved dynamic performance that translates into an extended frequency response to meet THX standards.

The powerful woofer equipped with an oversized magnet is the key element of the bass unit to bring exceptional impact to the most demanding recordings.

The horn tweeter configuration in the same plane presents a more precise sound directionality to locate the sound scene in greater detail, both in the main channels as well as in the effects channels. The Reference Series modular configuration has been developed to allow easy placement behind large projection screens. In this regard, greater compatibility with all room environments is critical for the most advanced audio-visual engineers.

"I've tried many high-end speakers over the years, they all sounded good, but UandKSound Reference Series are different from the rest because they allow us to focus on what really matters; the sound".

TECHNOLOGY AND FEATURES

Loudspeakers with a clear professional orientation to satisfy the needs of the most demanding public are the new creation of the European firm. The sensitivity of the speakers reaches a level of 97dB, though it should be noted that the speakers in commercial rooms only reach 88dB. This difference is a mark of the style that defines the superiority of UandKSound. The speaker cabinet adopts the theoretical ideal 1: 1.414, a 75mm horn tweeter and an impressive 12-inch woofer. The depth of the speaker enclosure is 380mm making it easy to install behind a projection screen.

Returning to the tweeter, it can reach a level of 112dB which allows a wide dispersion of the waves and does not cause energy loss when it passes through the projection screen. The 12-inch woofer uses material from Kurt Müller, a world leader in the manufacture of paper-treated cones in England, giving the sound an extreme level of detail and control. The M1800SW model benefits from the same material, a passive subwoofer that equips an impressive 18-inch woofer to reach levels of sound dynamics hardly found in the industry.

Reference Series are a system prepared to meet the most demanding requirements of the film industry. Ideal to be in residential luxury homes, or medium-sized commercial rooms, our loudspeakers are a true reference for the lovers of pure sound.

MODELS AND FEATURES

M1200LCR (Front channels)

The M1200LCR offers the best ratio of size and design, oriented cabinet design, and enhanced low-frequency dynamic design. This design is also the standard of UandKSound's big dynamic sound effects. The front panel adopts a honeycomb sound wave buffer design that reduces the interference of reflected sound waves. It greatly reduces the sound distortion.

The treble adopts a compressed horn tweeter to enhance the sound pressure level and the dynamic range. The unit uses a high-quality Kurt Müller 12-inch woofer. The M1200LCR is also customisable for the sound requirements. The new UandKSound M4500D power amplifier is highly recommended for the best installation.

Impedance	8 ohm
Freq. Response	45Hz-20kHz
Power Amp	500-1000W
SPL	97 dB +/-1.5 dB
Woofer size	1 x 12"
Tweeter type	Horn (customizable)
Sound Adjustment	Yes
Size	430 x 1038 x 380 mm
Enclosure	Bass reflex/MDF
Weight	33.15 kg
Colour	Black yarn paint



MODELS AND FEATURES

M1800SW (Passive subwoofer)

The M1800SW shares similar technology and performance to that of the M1200LCR. The passive subwoofer uses an impressive 18-inch woofer to reach levels of sound dynamics hardly found in the industry. This design is also the standard of UandKSound's 'big' dynamic sound effects. To get the best sound performance, UandKSound highly recommends the connection with the new M4500D Class D power amp. The bridgeable option of the amplifier is available so you can be confident in getting the best sound.

Impedance	8 ohm
Freq. Response	25Hz-500Hz
Power Amp	800-1600W
SPL	97 dB +/-1.5 dB
Woofer size	1 x 18"
Woofer type	Coated paper
Size	545 x 1038 x 380 mm
Enclosure	Bass reflex/MDF
Weight	42.31 kg
Colour	Black yarn paint



Rear connections



MODELS AND FEATURES

M800SR (surround channels)

The M800SR are custom surround loudspeakers dedicated for the most discerning high-end home theatre rooms. The unit has a closed MDF design; the main features of the closed UandKSound design are deep and precise sound besides good bass analysis and fast transient response.

The treble adopts a compressed horn tweeter to enhance the sound pressure level and dynamic range, and the bass unit adopts two 8" drivers. An intelligent on-wall system has been designed to optimise the installation.

Impedance	8 ohm
Freq. Response	70Hz-20kHz
Power Amp	450-900W
SPL	95 dB +/-1.5 dB
Woofer size	2 x 8"
Tweeter type	Horn (customizable)
Sound Adjustment	Yes
Size	508 x 526 x 200 mm
Enclosure	Closed/MDF
Weight	22.35 kg
Colour	Black yarn paint

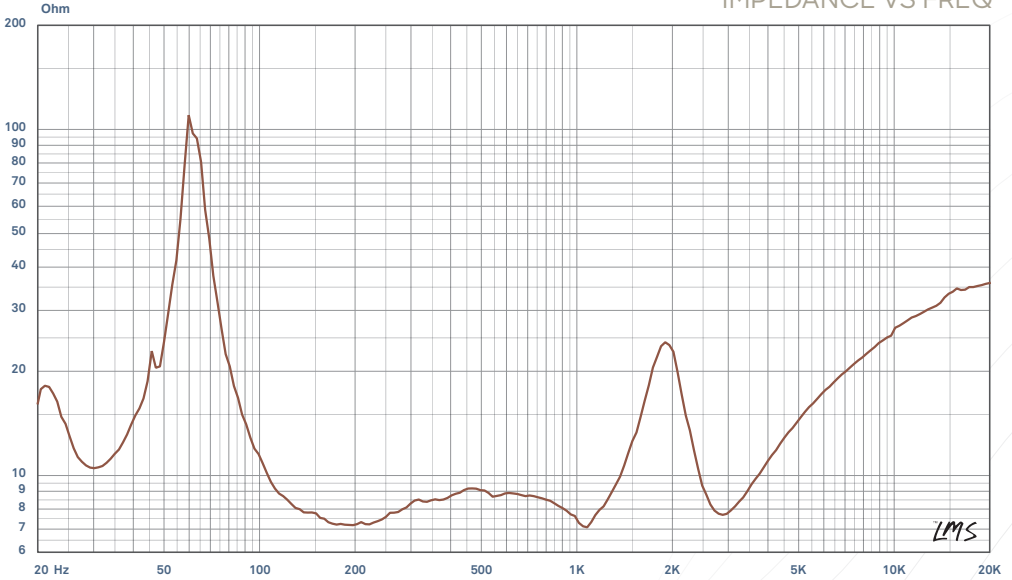


The background features several layers of abstract, wavy lines in shades of light blue and purple. A prominent feature is a central waveform, resembling a complex sound wave or frequency spectrum, rendered in a darker blue and purple. The overall aesthetic is clean, modern, and technical.

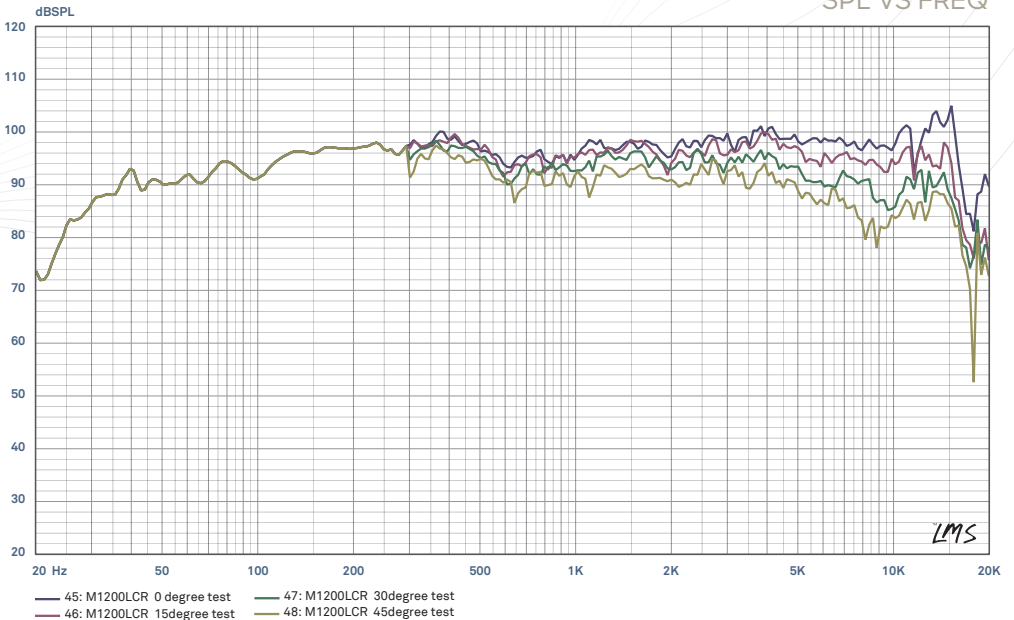
LOUDSPEAKERS TECHNICAL SHEETS

M1200LCR

IMPEDANCE VS FREQ

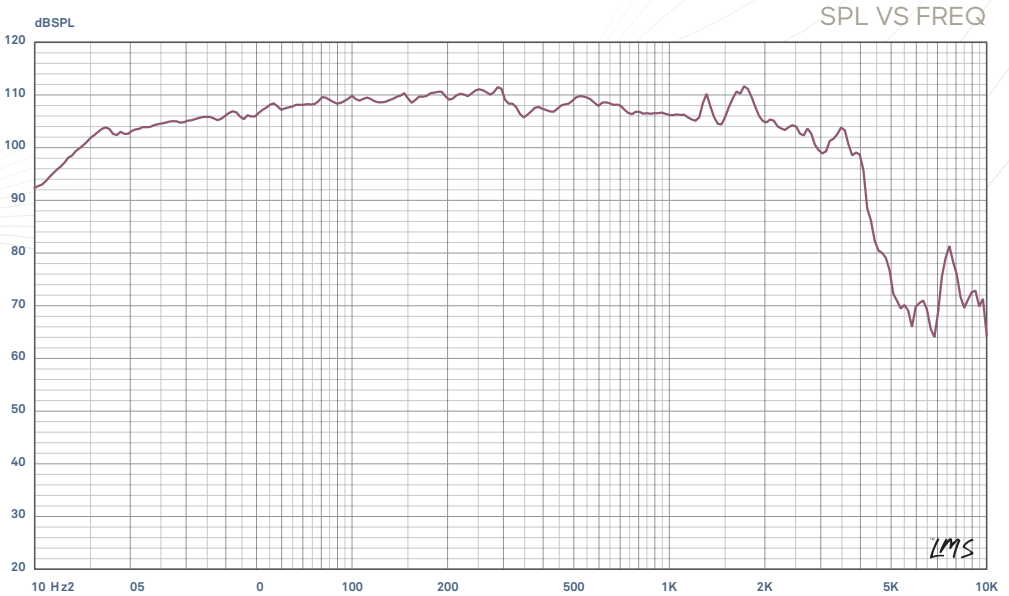
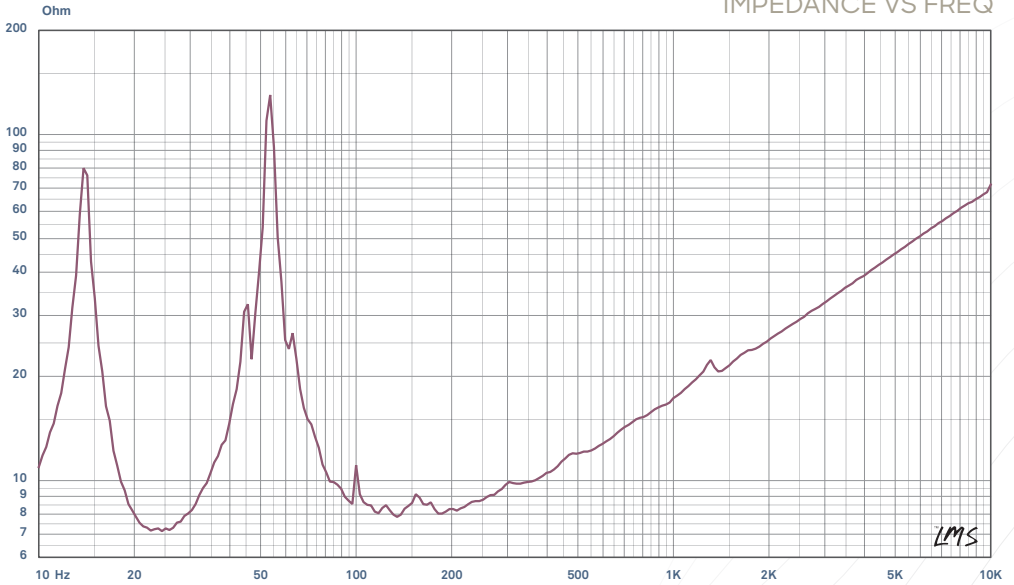


SPL VS FREQ



If you precise more technical information or detailed laboratory measurements please do not hesitate contact us through info@uandsound.com, our team will be happy to assist you

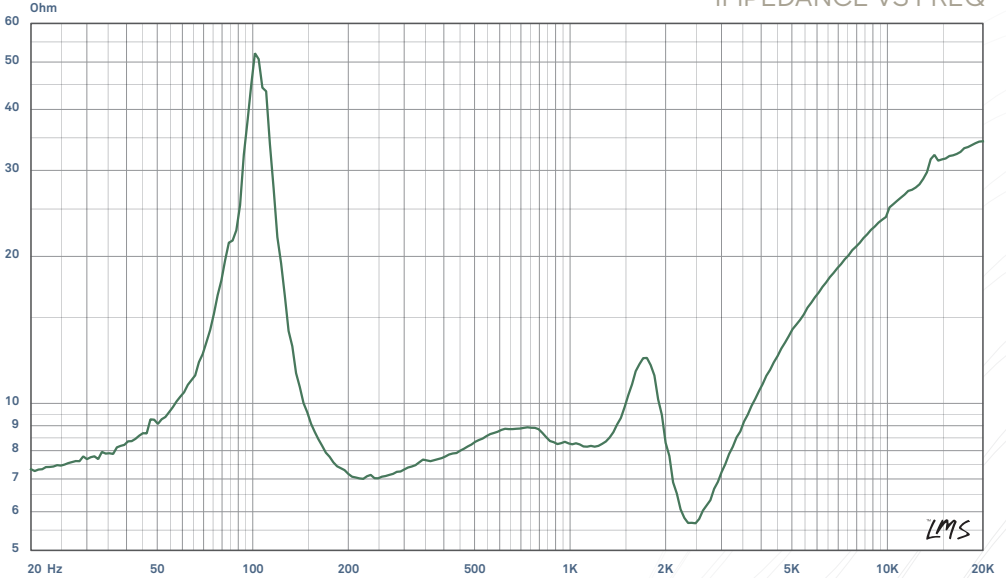
M1800SW



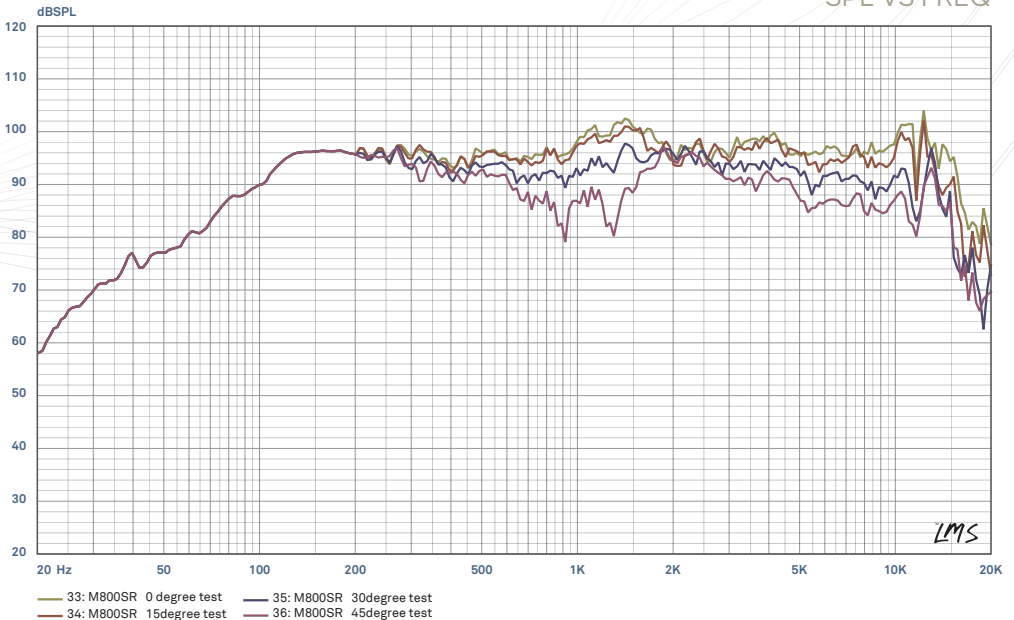
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M800SR

IMPEDANCE VS FREQ



SPL VS FREQ



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WARRANTY INFORMATION

UandKSound products are constructed by industry experts and are thoroughly tested before shipment. UandKSound passive products are warranted for a period of five (5) years and active electronics, three (3) years. This warranty is limited to manufacturer defects, either in materials or workmanship. UandKSound is not responsible for any consequential or inconsequential damage to any other unit or component or the cost for installation or extraction of any component of the audio system. In the rare case of a product failure, please contact your place of purchase or contact your UandKSound dealer for help.

WARRANTY LIMITATIONS

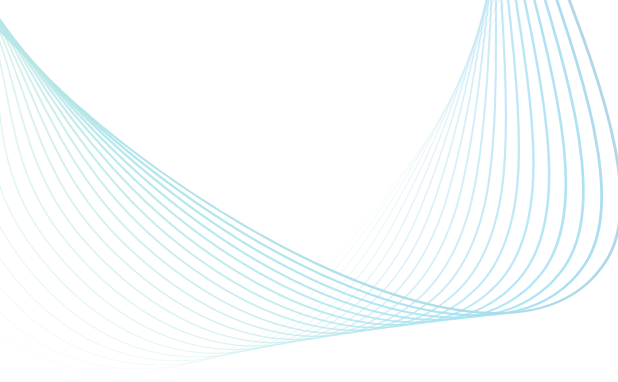
There are no other warranties, either express or implied, which extend the foregoing, and there are no warranties of merchantability or fitness for any particular purpose. The warranty will not cover incidental or consequential damage due to destructive or improper use of products. This includes but is not limited to burnt voice coils, overheating, bent frames, holes in the cone, or broken lead wires. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Non-Warranty Service: if non-warranty service is required the product may be sent to the company for repair/replacement, transportation prepaid.



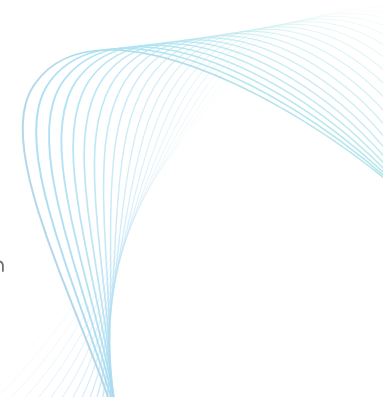
Thanks for purchasing our products.
Please contact your nearest official distributor to know more details
about the warranty conditions and installation best practices.
You can also contact us by visiting:
www.uandksound.com





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