



REFERENCE SERIES

OWNER 'S MANUAL



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 and it is so when 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 theaters have undergone continuous technical improvement in recent years besides recordings media. However, there is no doubt that everything can be improved and that is where uandksound is positioned.

The last six years we have designed high-performance loudspeakers easily integrated with all kinds of environments and decoration projects such as the successful M6 Series, but 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, understood as the example to be followed by others 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 color. Perfection and elegance are the hallmarks that make it a benchmark for other brands that work on a unique and unrepeatable 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 how the sound is in a movie, now our challenge is to transport the original sound to your home in the most perfect way thanks to the wisdom of our engineers and technical components of the highest quality.

We could start by referring to the high-density loudspeakers enclosure thanks to which we have obtained an improved dynamic performance that translates us 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.

On the other hand, the horn tweeter configuration in the same plane presents a more precise sound directionality to locate the sound scene in greater detail, either 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 way, greater integration with all the room environments is very valuable for the most advanced audiovisual engineers.

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

TECHNOLOGY AND FEATURES

Introduction

Loudspeakers with a clear professional orientation to satisfy the needs of the most demanding public is the new creation of the European firm. The sensitivity of the speakers reach a level of 97db, although you should know 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, note that it is capable of reaching 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 aforementioned 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 located 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)**

M1200LCR offers the best golden ratio size 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 reduce 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. M1200LCR is also customizable for the sound requirements. 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"
Woofer type	coated paper
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)**

M1800LCR shares the similar technology and performance of 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. In order 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 that you can be confident of 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)**

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 surround sound 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 units adopts two 8" drivers.

An intelligent on-wall system has been designed to optimize the installation.

Impedance	8 ohm
Freq. Response	70Hz-20kHz
Power Amp	450-900W
SPL	95 db +/-1.5 db
Woofer size	2 x 8"
Woofer type	coated paper
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



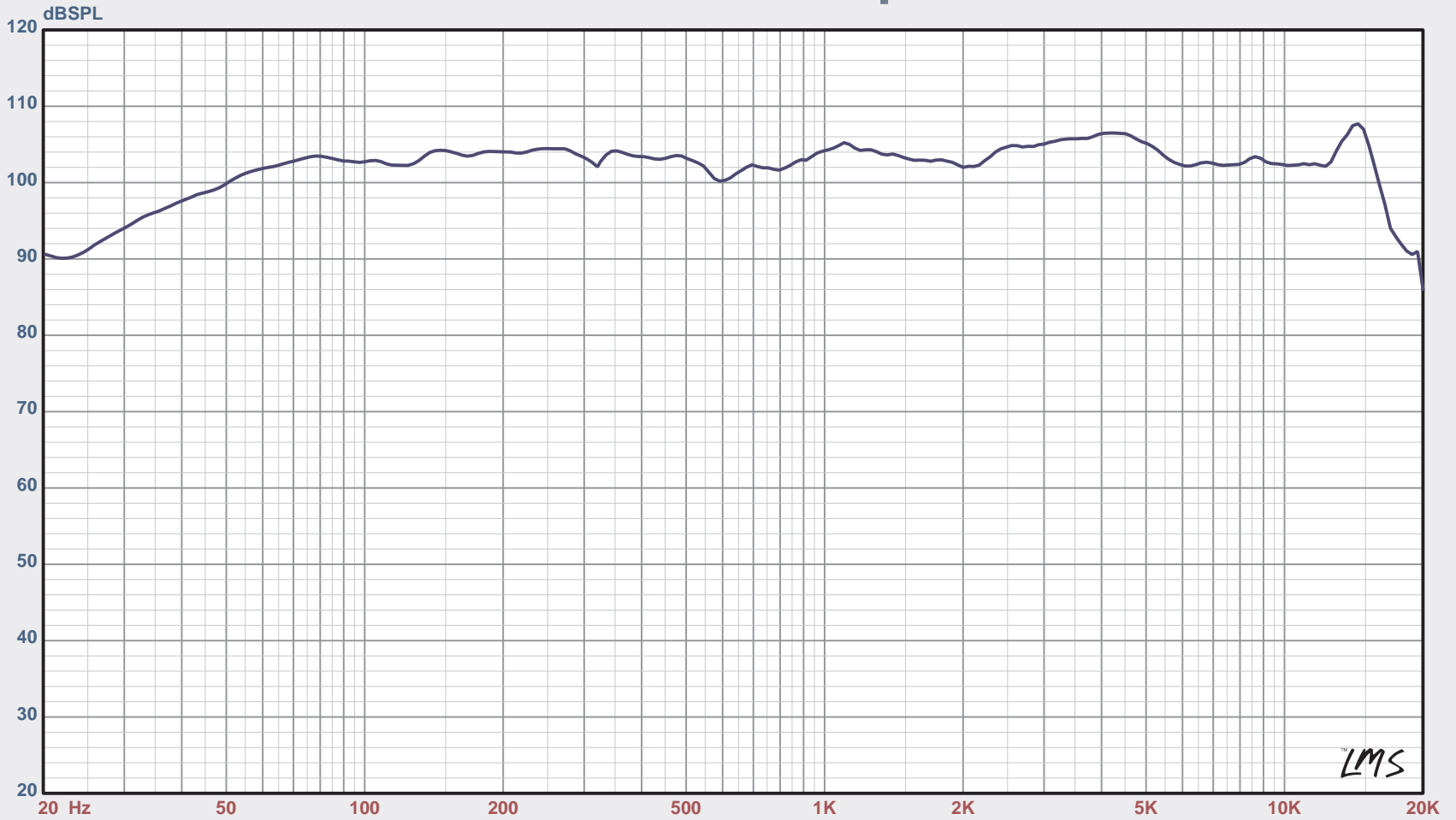
WARRANTY

Thanks for purchasing our products. Please contact your nearest official distributor to know more details about the warranty conditions and the most properly installation. You can also contact us visiting us at: www.uandsound.com

LISTEN FOR YOURSELF AND BELIEVE



SPL vs Freq



LMS

Map

— 25: M1200LCR/2021.11.11

Notes

Higher Data = M1200LCR/1M/1W/2db/2021.11.10

Lower Data = Result=[G03]+[G04]

LMS

4.6.0.371
-30-20

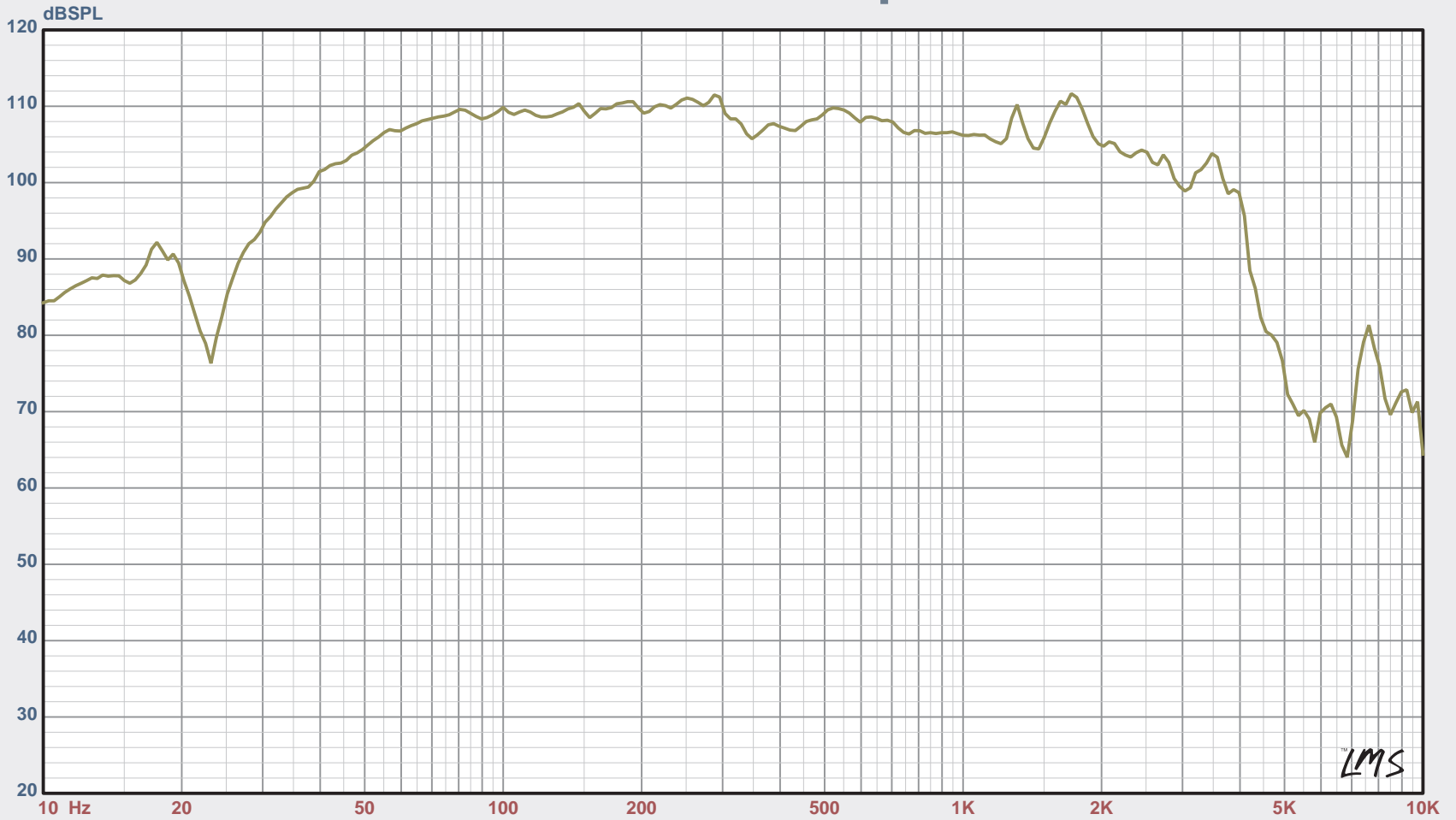
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Company:

Project:
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Nov 11, 2021
Thr 2:41 pm

LINEAR X
S Y S T E M S

SPL vs Freq



Map

8: M1800SW/0.125M/1W /2021.11.10

Notes

Data Measured: Jul 20, 2021 Tue 5:07 pm

LMS

4.6.0.371
ã Ö -30-20

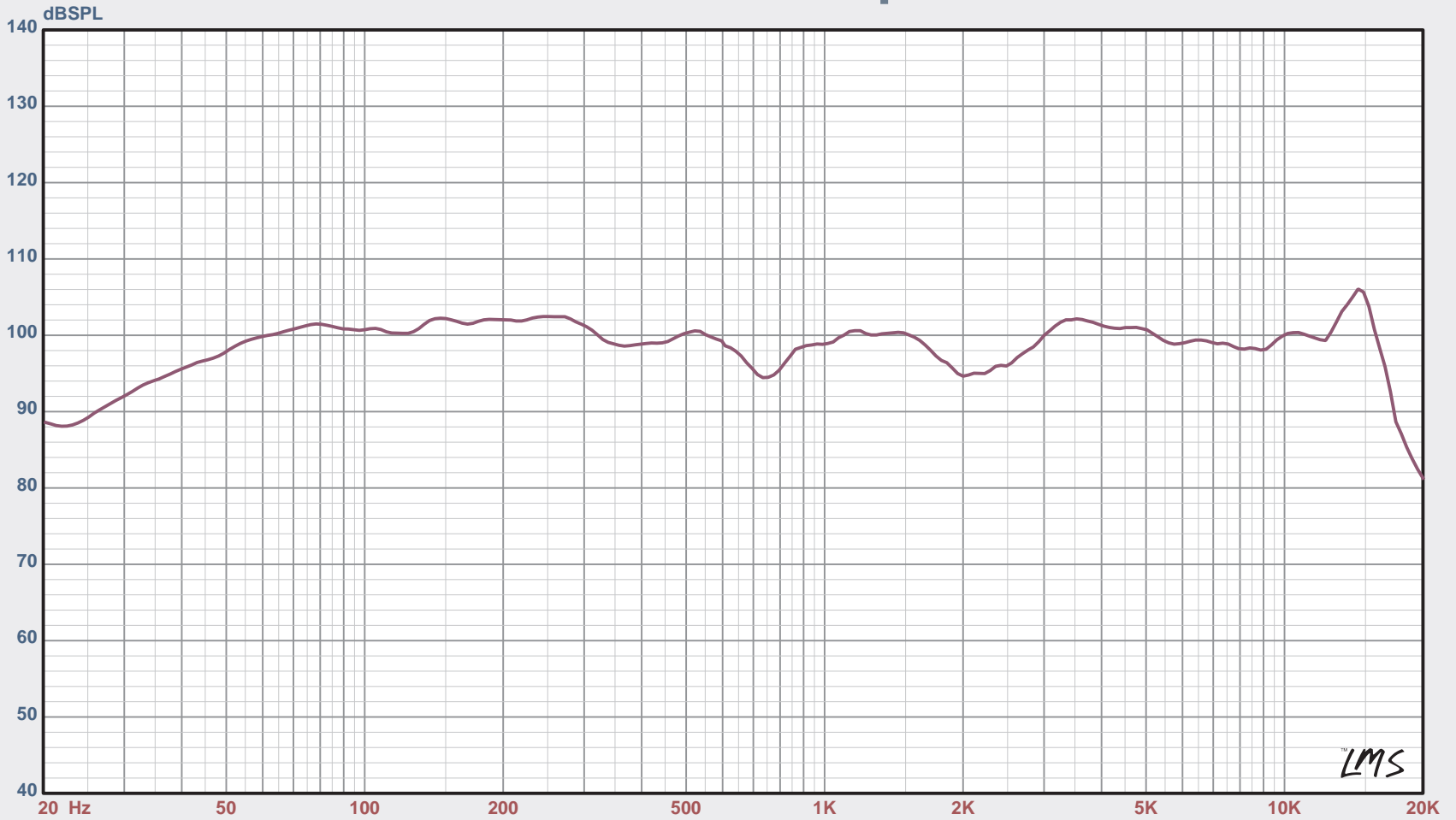
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Nov 10, 2021
Wed 2:43 pm

LINEAR X
S Y S T E M S

SPL vs Freq



LMS

Map

— 31: M800SR/2021.11.11

Notes

Higher Data = M800SR/1M/1W/2db/2021.11.10

Lower Data = Result=[G03]+[G04]

LMS

4.6.0.371
-30-20

Person:
Company:

Project:
File: M800SR.lib

Nov 11, 2021
Thr 2:56 pm

LINEAR X
S Y S T E M S