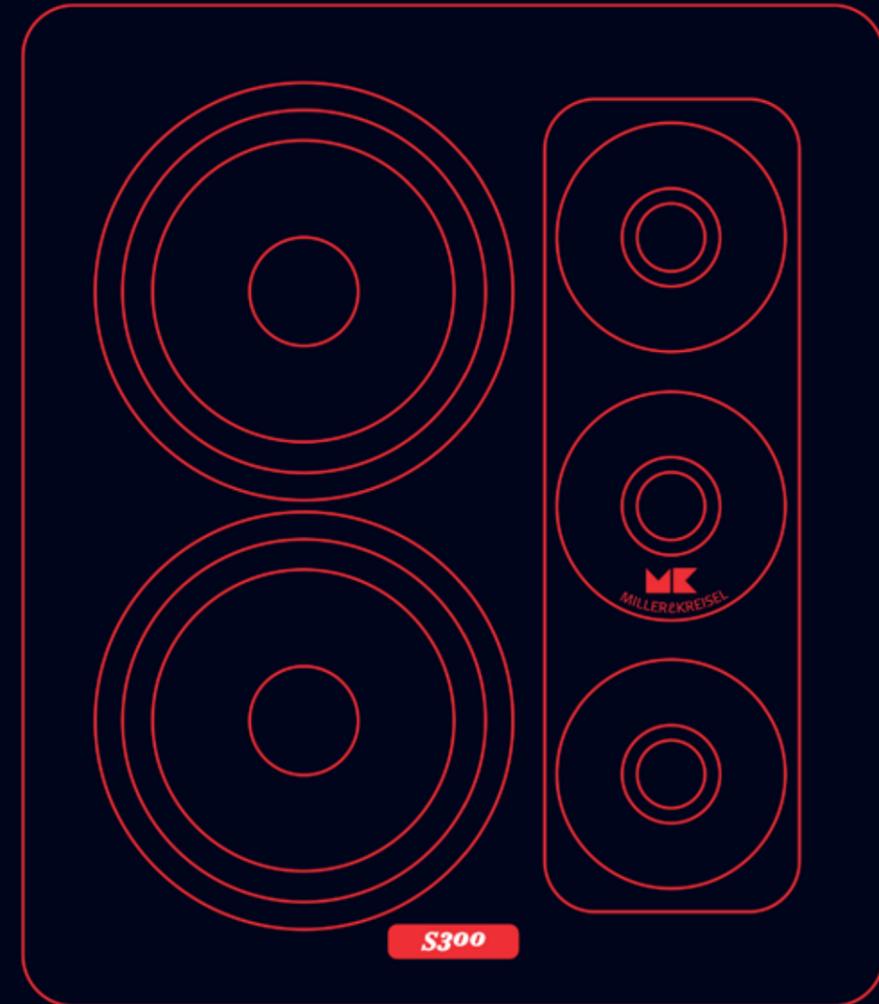
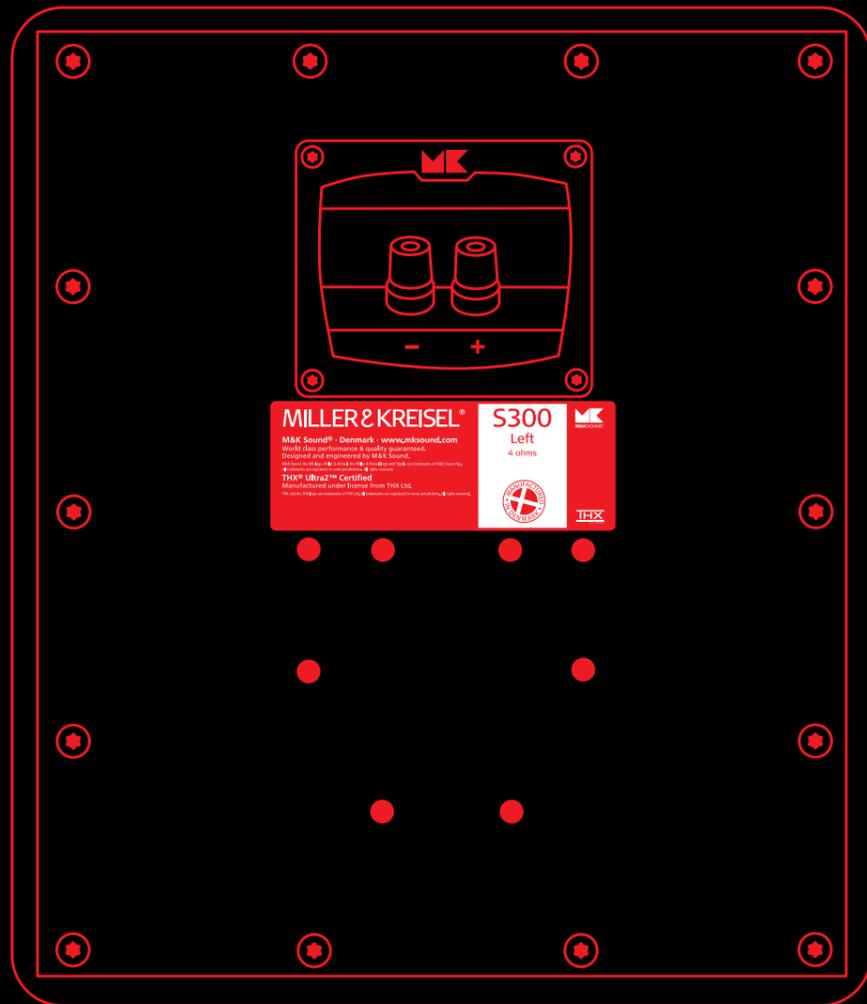


# THIS IS THE NEXT DIMENSION



***The Choice of Professionals®***

## MILLER & KREISEL® S300 SERIES

**M&K SOUND®**

[www.mksound.com](http://www.mksound.com)

**M&K SOUND®**

# A Message From M&K Sound

For over 40 years, M&K Sound has set the standard for high resolution music and movie audio. Ambitiously engineered to go larger and louder than ever before, the Miller & Kreisel S300 Series is the natural evolution of our iconic S150 monitor. The S300 Series is the first ever M&K Sound product to carry our new reference logo Miller & Kreisel.

The S300 Series has been developed in close collaboration with M&K Sound's longterm professional partners, key players in music and cinema. The S300 Series is the culmination of more than two years of systematically auditioning and testing the world's finest audio components.

The S300 Series is designed to let you hear exactly what is going on, no more and no less. With the S300 Series, there is simply more there.

With the S300 Series, we introduce the next dimension for the future of home cinema and music systems.

**The Miller & Kreisel S300 Series neither adds nor subtracts. It simply reveals.**



# The Sound Of Discovery

On October 29, 1998, the first American to orbit the Earth made history again. John Glenn became the oldest man to fly in space when he served as a payload specialist aboard the Discovery space shuttle.

NASA broadcast the takeoff to a rapt audience of 700 guests at the John Goddard Space Flight Center in Latham, Maryland with the deafening roar of the space shuttle's massive rockets reproduced live via an M&K Sound surround system, consisting of S150 monitors and MX350 subwoofers.

NASA subcontractor Fred Willard of Allied Signal commented, *"The speaker system showed no sign of stress or overload throughout the entire event. The ground-shaking audio left the audience speechless and dazzled."*

M&K Sound are proud to have been part of this historic mission.



## Made in Denmark

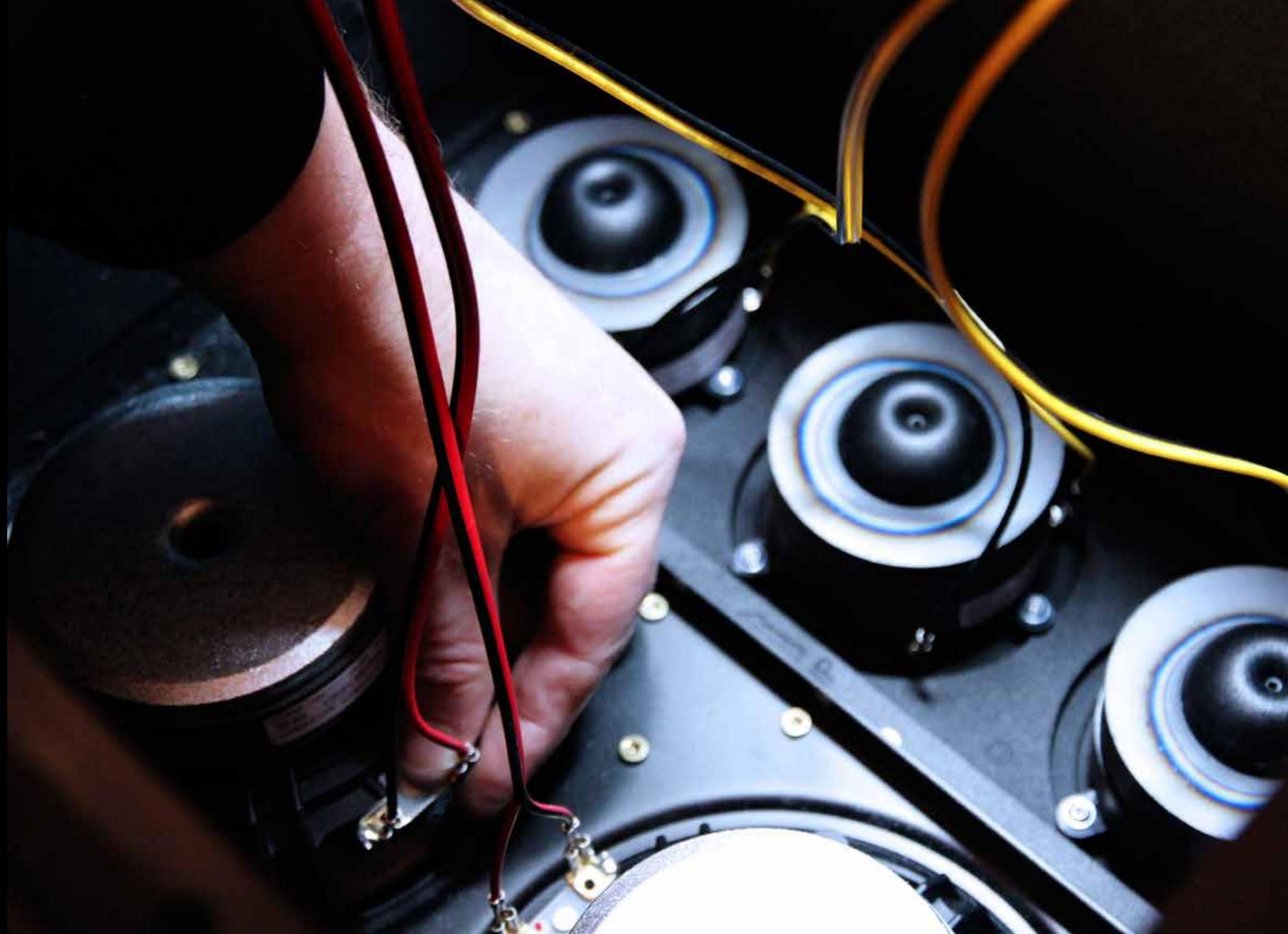
During recent years, sound has reached new dimensions. New audio formats, high definition sound combined with the requirements of our critical professional users, have led us to the all-new state of the art S300 Series.

The S300 Series is built to perfection and in order to ensure our unique high level of quality, we have decided to have the whole range designed, developed, built and tested in Denmark.

The system has been thoroughly analyzed and calibrated by M&K Sound engineers to reach new and higher levels for tonal accuracy and musicality.

In order to deliver the highest quality of accurate sound reproduction and at the same time play significantly louder, the S300 Series is designed with cutting-edge driver units developed and custom-built in cooperation with the Danish acoustic pioneers from Scan-Speak.

Scan-Speak has a forty-year history of groundbreaking innovation and multiple patents for breakthroughs in every aspect of driver design. The S300 Series utilize Scan-Speak drivers to achieve extreme power linearity and ultimate sound quality for control, performance, reliability and continuity.



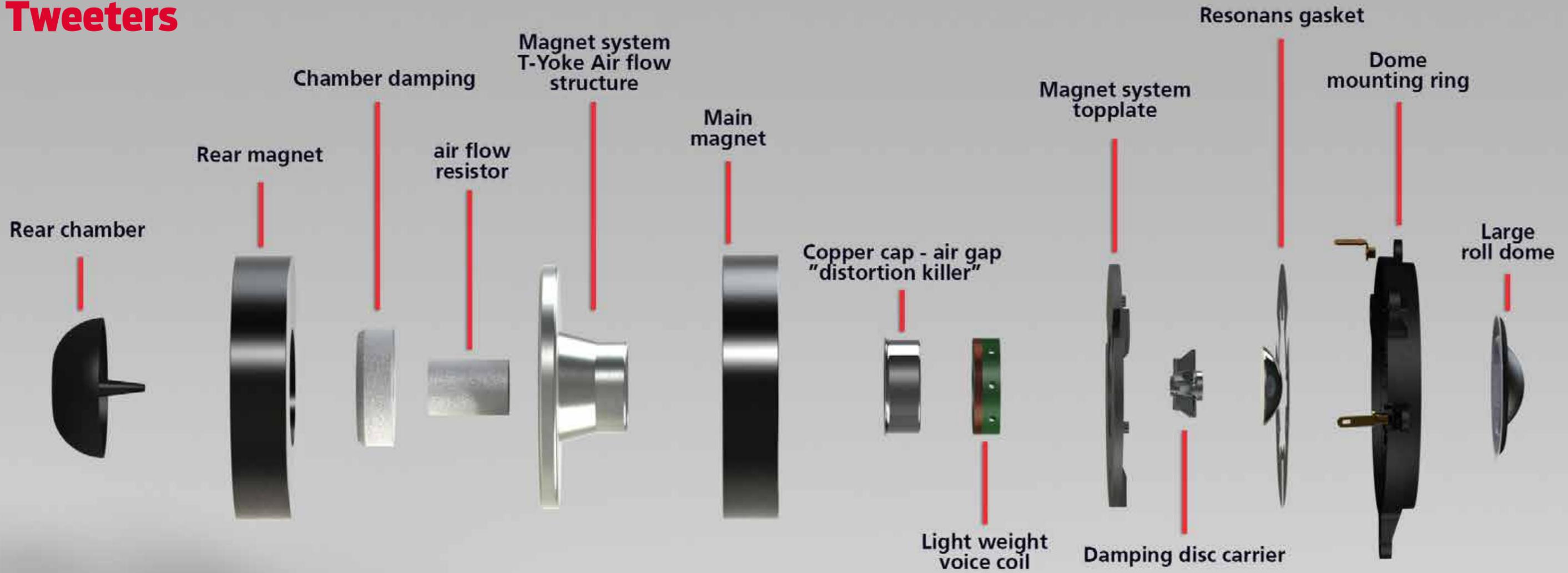
# M&K Sound S300 Series Midrange Woofers



M&K Sound's engineers have decades of experience in the design of individual drivers as well as complete loudspeaker systems. Because we are fully conversant in the languages of both the acoustical engineer and the audiophile music lover, M&K Sound can enter into a mutually beneficial collaboration with the world's most acclaimed makers of driver units - Scan-Speak.

Aerodynamic air flow design is the watchword for the new generation of drive units designed and built exclusively for the S300 Series to ensure pure, high definition sound with extraordinary speed and transient control.

# M&K Sound S300 Series Tweeters



Raising the bar for speed, accuracy, reliability, build quality and performance set by the highly acclaimed M&K Sound Pro tweeter was a welcome challenge for the M&K design team. Like the mid/woofer units that it partners, the extraordinary S300 high frequency drive units have been conceived and built to M&K Sounds exacting specifications by Scan Speak.

Based on M&K proprietary aerodynamic air flow control damping system, the S300 tweeter achieves extended frequency response for an absolutely seamless transition to the mid/woofer units.



# The S300 Craftmanship



## Styling with a Purpose

The iconic front baffle layout of the famed S150 monitor with its triple-tweeter array alongside dual woofers is also an integral aspect of the design and performance of the S300.

The S300 Series introduces specially designed separate tweeter and woofer mounting brackets for exceptional mechanical isolation from the cabinet and a tight connection between the die-cast, custom made brackets and the front baffle.

All drivers are rear mounted to the brackets and the brackets are rear-mounted to the baffle for an elegant front with no unsightly screws and no reflective edges near the drivers. This effectively eliminates a major source of colorations in more conventional, less conscientiously designed loudspeakers.



## Innovative Driver Mounting

The S300 Series introduces a specially designed tweeter array mounting flange with integrated waveguide.

Rear-mounting the three tweeters to the rigid cast aluminium flange provides exceptional mechanical isolation from the cabinet.

The solid steel woofer mounting bracket ensures a tightly sealed connection to the inside of the front baffle.



## Cabinet

The S300 Series employs a complex, box-inside-a-box construction with a non-resonant layer of tar joining the two cabinets to provide constrained layer damping.

The S300 Series cabinet construction and specially designed drive units lower the mechanical noise floor drastically, bringing music and movies to life with effortless realism, building on a rock-solid foundation.



## Room-filling Power

The S300 SERIES has the power to fill large living rooms and will place the audience in the sweet spot whether they are seated in the front or in the back. The S300 SERIES is an evolution of the renowned S150 loudspeaker built by M&K Sound since 1995.

The new reference loudspeaker is based on a larger enclosure and custom designed driver units to play louder than ever before with the accurate and truthful sound reproduction that is the hallmark of M&K Sound.

The S150 loudspeaker has a speaker sensitivity of 90 dB while the larger S300 adds 3 dB. It may not sound like much, however this is actually a doubling of the speaker power. It's like going from a 100 horsepower engine to a machine with 200 furious hp, turning larger rooms into immersive soundscapes even in corners and in the back.

## Holographic Sound

The S300 SERIES transports the listener to the soundscape of the recording, introducing holographic sound that lets you hear nuances in music and movies that have never been heard before. This system will let you hear the intricate web of reflections that reach the ears from all directions, providing mental cues regarding the size, shape and construction of the room and the location and movement of the voices and instruments in that room.

There is a colorful and imaginative audiophile vocabulary of descriptive terminology that strives to qualify and quantify in words the ineffable experience of listening to music played back in the home. Yet, inevitably, words fail to accurately express the emotional force of music properly reproduced.

The dynamic expansion an orchestral crescendo is laid out before you without lag or compression. The visceral impact of true, forceful deep bass opens up effortlessly without congestion or bloat. The complex textures of a bow drawn across vibrating strings remain immaculate without slurring or harshness.

The crystal-clear resolution of the subtlest nuances and micro-details of voices, instruments and effects and, crucially, the holographic rendering of the ambience of the recording space draw you further in, immerse you in a three-dimensional universe of heart and soul, tone and timbre for an immensely more credible "you-are-there" illusion.

Instead, they typically serve up either unnatural boomy bass with tiresome, "sizzling" high frequencies to generate a false sense of "excitement" or an equally unnatural "smoothness" that glosses over the wealth of fine detail that breathes life into the listening experience.



# The Choice of Professionals®

The world's most eminent musicians, singers, producers, directors and engineers working in hundreds of film, music, broadcast and postproduction studios worldwide, choose M&K Sound loudspeakers.

Every day they make hundreds of artistic decisions based upon what they hear on their speakers. The trust they have in M&K Sound allows them to work quickly and effectively as they create the most breathtaking film soundtracks and music ever recorded.

Supervising sound editor Nino Jacobsen has produced sound for numerous films and television series with M&K Sound loudspeakers. In 2014 he was commissioned to mix sound to the the largest, most expensive and most ambitious television and film production in Scandinavian film history. The flagship TV series **1864** features a violent historical drama with epic war scenes.

The sound is mixed in the powerful Dolby® Atmos format that allows filmmakers to precisely position and move sounds anywhere in a theatre - even overhead - to heighten the realism and impact of every scene. This places great technical demands on the sound editing system and loudspeakers.

With the reliability of M&K Sound S300 Series, X Series subwoofers and the combination of active MP2510P speakers Nino is guaranteed a precise and truthful reproduction of the sound making it possible for him to pay close attention to detail and nuances in the sound design.



Copyright: Per Arnesen / Miso Film

*"When I design and mix movie sound, it is crucial that I can hear every detail and nuance in the recorded sound. When the sound design is finished, I have to be able to trust that the sound will be reproduced accurately and seamlessly on any speaker system. I get this guarantee with M&K Sound speakers."*

- Nino Jacobsen

## M&K Sound are used by the world's finest filmmakers, including:

- Warner Bros
- 20th Century Fox
- Universal
- Paramount
- Dreamworks
- HBO
- Skywalker Sound
- Disney
- THX
- DTS
- Dolby Labs
- Sony Music
- Lucas Film



## A Match Made in Audio Heaven

From the very beginning, M&K Sound has been the only speaker company to produce satellite and subwoofer systems exclusively, the optimum configuration for film and music with deep bass isolated in its own enclosure so that it cannot interfere with the upper frequency range.

Combined with M&K Sound X Series subwoofers, the S300 Series possesses the transparency, speed and resolution that let the most critical audio professionals hear exactly what's going on in the mix and allow them to listen for hours on end with no hint of fatigue. M&K Sound's seamless, integrated feel from top to bottom immerses you in sound with exceptional handling of dynamic changes in pace and volume.

Your final choice of X Series subwoofer model will naturally depend on many factors including design, room size, preferred listening levels, musical and cinematic tastes and, of course, exactly how dedicated you are to the quest for ultimate audio realism.



# The S300 Family



## S300 monitor

Destined to become the reference home entertainment speaker system, the S300 offers transparency and neutrality that surpasses far larger, more costly systems. More compact than any monitor capable of rendering such clarity and pinpoint detail, the ultra-smooth S300 ensures unsurpassed, effortless realism even in very large rooms.

While a dedicated left/right mirror-image pair provides optimal imaging for two-channel sources, the use of an identical third speaker for center channel duties guarantees a seamless, consistent sound field in all dimensions.

The S300 is the ultimate demonstration of our dedication to innovation and quality.



## S300T Tripole®

M&K Sound invented the tripole speaker configuration to do what no conventional monopole loudspeaker can do. The installation of side and/or rear mounted S300T's enhances the solidity and pin-point placement of rear channel events such as fly-overs, voices, effects, music etc., as well as the realism of the ambient soundfield.

The S300T tripole with integral wall-mount bracket, employs the same front drivers and crossover technology as the S300, for a perfect acoustic match.

Independent, isolated side chambers house two 4" drivers per side for optimal surround coverage that rivals the huge array of speakers required in movie theaters.



# The S300 Family



## MP300 On-Wall Monitor

Recognizing a growing demand for a high level of audio performance from an unobtrusive, decorator-friendly enclosure, M&K Sound offers a shallower, wall-mount version of the S300.

By significantly reducing the cabinet depth and revising the overall dimensions, M&K Sound has created a discrete on-wall monitor that retains the audio quality of a full-size compact loudspeaker. By optimizing crossover and utilizing the effect of wall mounting the MP300 is a true member of the S300 family.

The modest dimensions and extended placement options of the MP300 will appeal to the style-conscious music/movie lover.



# Independent Evaluation

The Miller & Kreisel S300 loudspeaker system has been subjected to rigorous impartial testing and certified to meet the highest industry performance standard: THX Ultra2.

THX is a set of performance standards originally developed by Lucasfilm Ltd. in connection with the premiere of Star Wars Return of the Jedi in 1983 to establish criteria to ensure that the creations of cinematic artists are reproduced exactly as intended. The THX logo immediately became recognized as a seal of approval for quality-conscious cinema-goers around the world.

In 1991, Miller & Kreisel became one of the first manufacturers to join George Lucas and his Lucasfilm Home THX program for domestic installations. Today, THX is the highest independent quality standard dedicated to the accurate reproduction of audio sources in the home.

THX certification attests that the component has been thoroughly evaluated by a fully independent body and found to live up to the strictest quality requirements in the audio industry.

The S300 Series monitors meet and exceed the highest THX Ultra2 specifications to deliver music and movies with natural, effortless realism and power.

THX has chosen the S300 Series as their new reference loudspeaker and installed the system in their test facilities in California.

*"We are impressed with performance of the new THX Ultra2 certified M&K Sound S300. It is evident that a lot of attention was paid to the design and component selection of this product and this effort shows the systems ability to deliver smooth response with high output and very low distortion".*

- Mike del Santo, THX testing manager



# Technical Specifications

## S300

## S300T

## MP300

Impedance:	4 Ohm	4 Ohm	4 Ohm
Frequency Response:	60 Hz - 22 kHz, $\pm 3$ dB	80 Hz – 22 kHz, $\pm 3$ dB	80 Hz – 22 kHz, $\pm 3$ dB
Recommended Power:	25 - 500 Watts	25 - 400 Watts	25 - 500 Watts
Finish:	Black Satin	Black Satin or White Satin	Black Satin or White Satin
Dimensions: (HxWxD):	15.5 x 13.4 x 13.0" / 39.5 x 34.0 x 33.0 cm		
Dimensions rear side (HxWxD):		13,5 x 13,5 x 7 inch / 34,5 x 34,5 x 18 cm	
Dimensions front side (HxWxD):		13,5 x 8,8 x 7 inch / 34,5 x 22,5 x 18 cm	
Dimensions top (HxWxD):			15.5 x 13.4 x 6,3 inch / 39.5 x 34 x 16 cm
Dimensions bottom (HxWxD):			15,5 x 13,4 x 4,7 inch / 39,5 x 34 x 12 cm
Weight:	40.0 lb / 18.2 kg	26 lbs / 12 kg	26 lbs / 12 kg

For the complete M&K Sound S Series technical story, please read the S series white paper: [www.mksound.com](http://www.mksound.com)

