

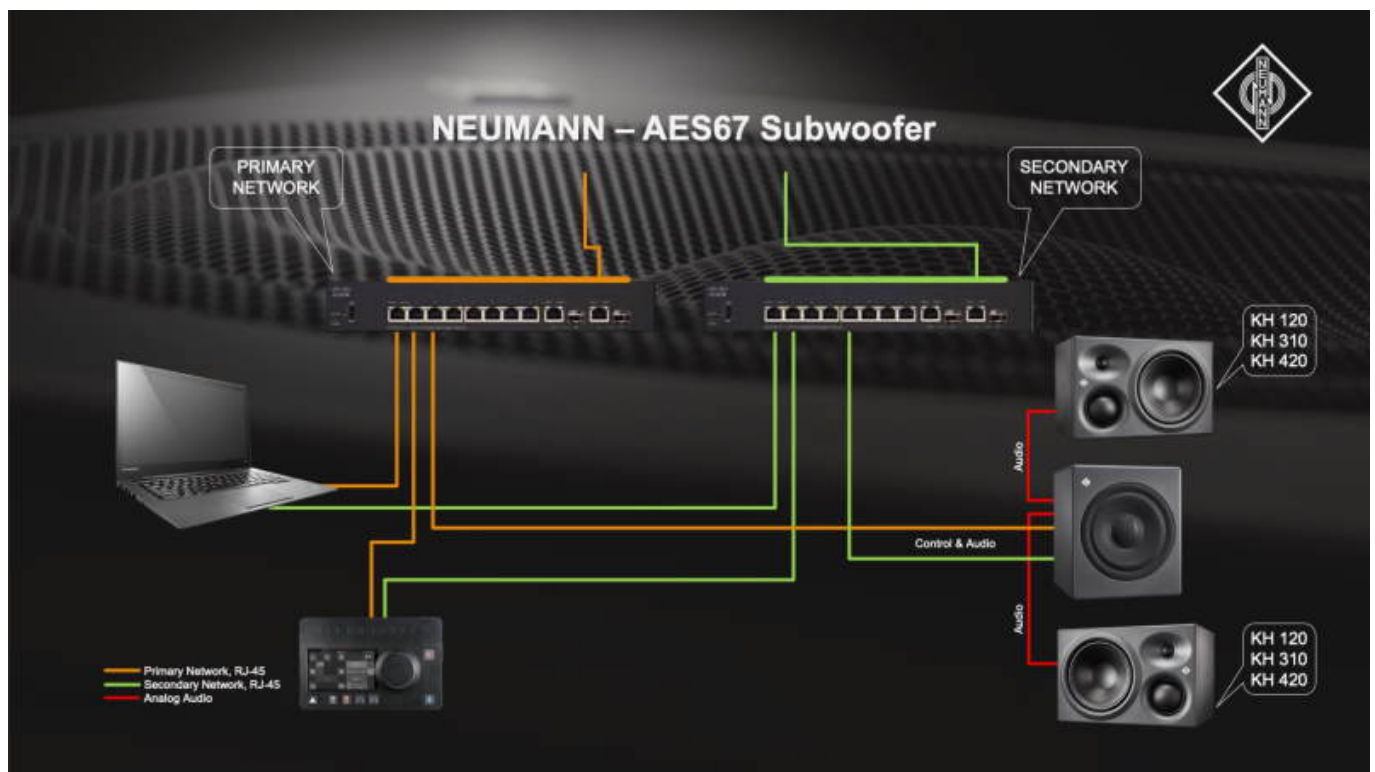
Neumann Presents The KH 750 AES67 Subwoofer



German studio specialist Neumann.Berlin presents the KH 750 AES67 subwoofer, a product variant of the highly acclaimed KH 750 DSP for AES67-based environments. Thanks to its DSP power, the KH 750 AES67, too, is far more than “just” a subwoofer of technical perfection. It also provides access to Neumann's revolutionary Automatic Monitor Alignment MA 1, thus allowing for room adaptive correction of the entire monitoring system, including even the connected analog Neumann

loudspeakers – in amplitude and phase.

In combination with the Automatic Monitor Alignment - MA 1, which is available for Mac and PC, the entire monitoring system can be precisely calibrated to suit the specific room character. This also includes the monitors connected to it, whose amplitude and phase frequency responses are perfectly corrected and adapted to the monitoring environment. This makes the KH 750 AES67 the ideal complement to all KH-Line analog monitors such as the KH 120, KH 310, and KH 420, as well as to Neumann's DSP-based monitors such as the KH 80 DSP.



Of course, the acoustic design, too, is of Neumann-typical perfection: The newly developed 10-inch ultra-long excursion woofer features a powerful, extremely linear magnet system with ELFF technology (Extremely Linear Force Factor). Despite its compact dimensions, the KH 750 AES67 provides bass extension down to 18 Hz. Because the subwoofer relieves the connected monitors of much of the low frequency reproduction, intermodulation distortion is drastically reduced, and the maximum sound pressure level is increased. By adding another KH 750 AES67, even larger systems may be realized.

“The new KH 750 AES67 is Neumann's entry into the continuous support of AES67 networks. It raises the entire monitor system to a new level: deeper bass, higher SPL capability, and even greater sound transparency. In addition, the integrated DSP engine makes it possible to linearize and room-align amplitude and phase via the revolutionary MA 1 system for sound reproduction with unprecedented precision,” summarizes Neumann's CEO Ralf Oehl. “It is, without exaggeration, the beginning of a new era in Neumann monitoring – which is finally making its way into

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AES67-based environments such as broadcast studios. More products are to follow.”



Features

- Bass extension of a stereo monitor system
- Increased maximum sound pressure level
- Reduced harmonic and intermodulation distortion

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- Powerful DSP for room alignment of the entire system in amplitude and phase
- Fully redundant AES67 ST 2110 compliant audio network interface
- Physical redundant network for ST 2022-7 environments
- DANTE-compatible mode for receiving DANTE AES67 streams

Key Data

- Low frequency cutoff: 18 Hz
- Speaker configuration: 10-inch ultra-long excursion woofer with ELFF technology.
- Dimensions: 383 x 330 x 383 mm (15 1/8" x 13" x 15 1/8")
- Weight: 19.5 kg (43 lbs)
- MSRP: 1695 Euro

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