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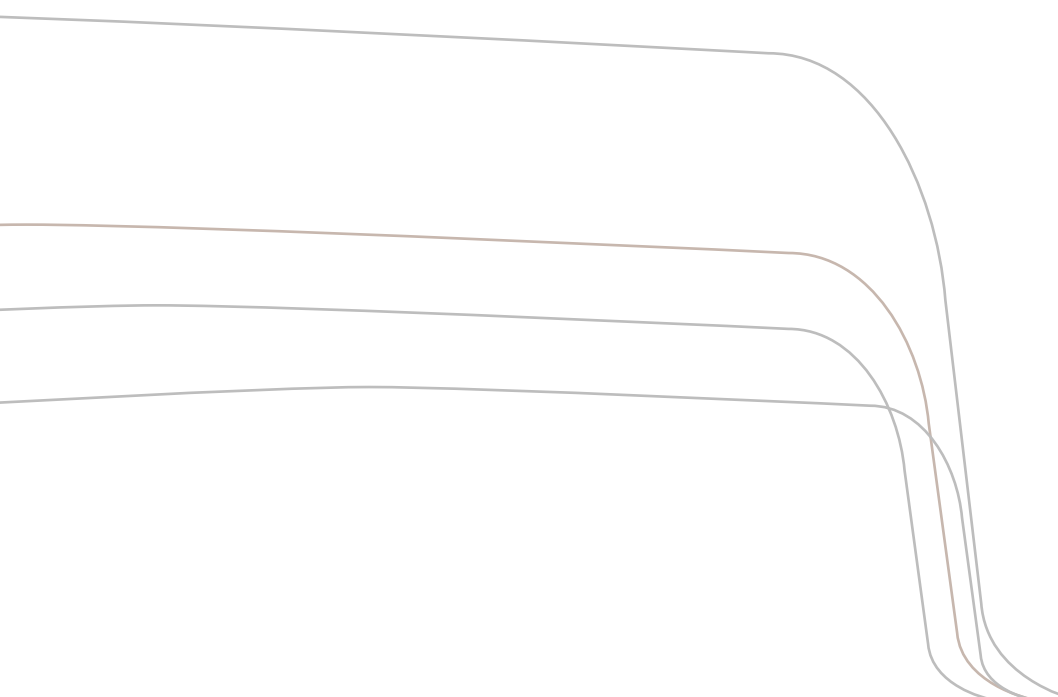
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GENELEC® 6040A Active Speaker





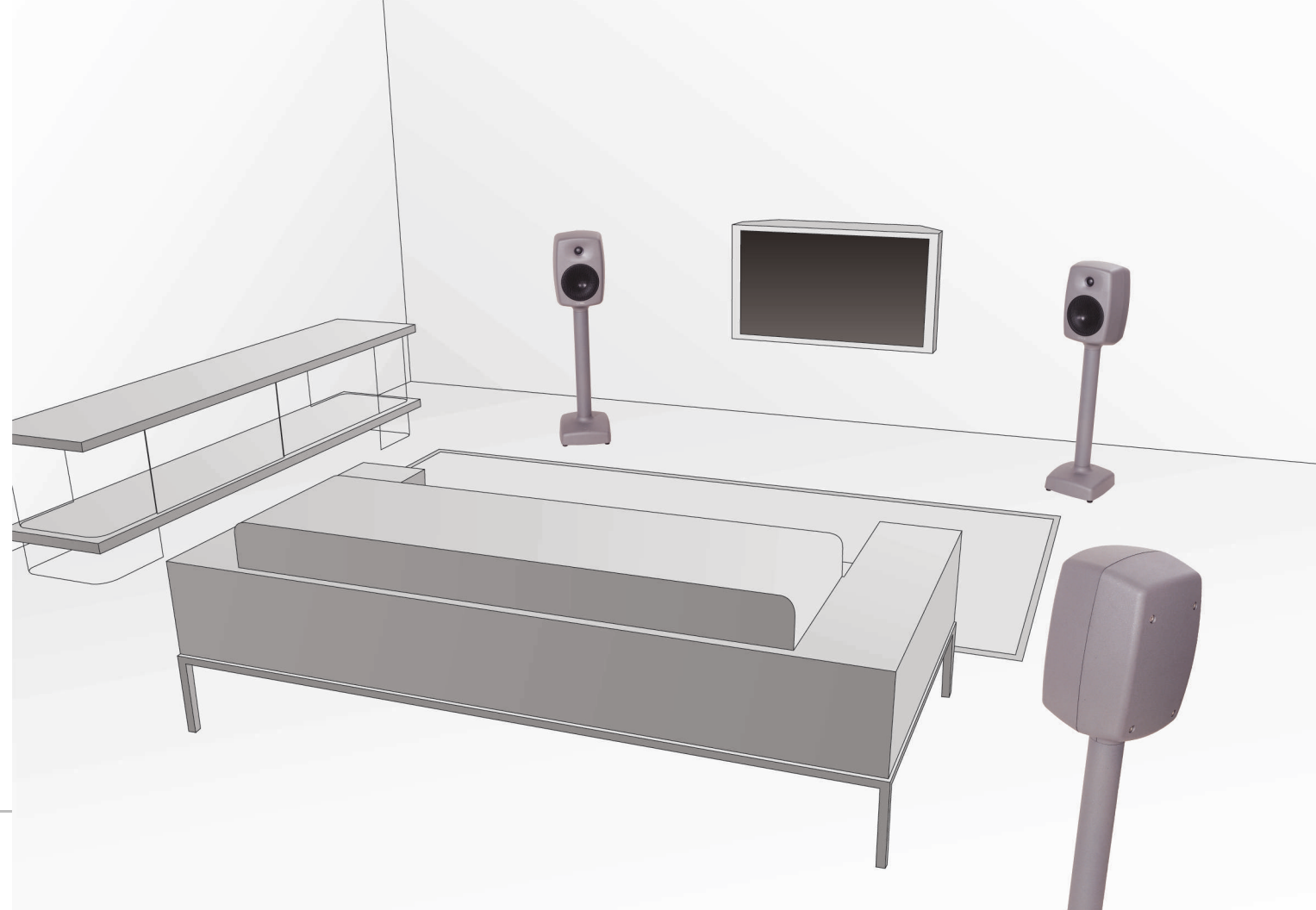
GENELEC 6040A ACTIVE SPEAKER

The Genelec 6040A is an addition to the famous Genelec family of products which form the finest selection of active speakers in the world over the last twenty-five years. It is designed and built in the northern circles of Europe – harmony is the only word to properly describe the creation environment of this truthful messenger of the best recordings you may have to play. Its essence is the charm it conveys to your home in sound and design. Style is part and parcel of the function of this unique product. Its lines, drawn by a famous award-winning designer, flow like music in the air. Its voice is provided by the work of the most talented acousticians and engineers available. Just enjoy the harmony.

GENELEC 6040A ACTIVE SPEAKER

The sophisticated electronics that set an active loudspeaker apart from the rest are discreetly hidden in the base of the 6040A; individual 120 Watt power amplifiers for the bass and treble drivers and active crossover circuits. The amplifiers are directly connected to the drivers for maximum efficiency and minimal distortion. The active crossover and equalisation circuits are located before the amplifier stage, where they can operate at low signal levels, accurately and without interfering with the power amplifier output.

Since the 6040A contains its own power amplifiers, it can be connected directly to modern Surround or Stereo preamplifiers or integrated amplifiers/receivers with line level output connectors. The active crossover filter provides versatile acoustical controls that allow adjustment of the response of the 6040A to suit differing acoustical conditions. This gives added flexibility in speaker placement and makes external frequency equalisers unnecessary.



SYSTEM

Bass driver:	182 mm (7")
Treble driver:	19 mm (3/4") metal dome
Free field response of system:	47 Hz – 20 kHz +/-2.5 dB
Maximum peak acoustic output:	107 dB SPL
Harmonic distortion at 90 dB SPL:	<3 % (<200Hz), <0.5 % (>200Hz)
Weight:	15 kg (33 lbs)
Dimensions (H x W x D):	996 x 250 x 266 mm (39 1/4" x 9 7/8" x 10 1/2")

ACTIVE CROSSOVER

Input connectors:	RCA unbalanced, XLR balanced
Input impedance:	10 kOhm

AMPLIFIER SECTION

Short term bass channel output power:	120 W
Short term treble channel output power:	120 W

DESIGN

Harri Koskinen

