

Miller & Kreisel Movie 5.1 Set: Extra flat for wall mounting

Super Slim

HEIMKINO
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Home Cinema	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Livingroom Cinema	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Music (Stereo)	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Music (5.1)	■ ■ ■ ■ ■ ■ ■ ■ ■ ■



Do you want a discreet speaker set instead of a soundbar for real, dynamic home cinema sound from all channels and have little space for speaker placement? Then super slim systems for wall mounting are the ideal solution – just like the Movie Set from Miller & Kreisel.

Home cinema enthusiasts are certainly familiar with the brand Miller & Kreisel, or M&K Sound for short. Because many renowned Hollywood film studios such as Sony Pictures, Twentieth Century Fox, Skywalker Sound or Warner prefer to use M&K Sound speakers for mixing their major film production projects. One reason: Like only a few other brands, M&K Sound focuses on a particularly lifelike, realistic and unadulterated sound that can stand up to the critical ears of sound engineers when it comes to dynamics. The good news for home cinema fans: M&K Sound products are also available for regular mortals so that with careful placement of the speakers in the room and good room acoustics, real Hollywood sound is possible at home – just as the director intended.



Even the smallest subwoofer from M&K's V-Series offers full bass power from a compact housing with everyday practicality: Level, phase and crossover frequency controls as well as line-in and line-out connections are sufficient for normal home cinema or hi-fi applications

Miller & Kreisel Movie Set

A whole range of extremely powerful loudspeaker series is offered by M&K Sound. For example, models from the S300 series can deliver an ultimate reference class performance in your own four walls. The brand-new Movie Set from Miller & Kreisel is much less expensive and extremely easy and convenient to install. For only about 1,500 euros, home cinema fans are offered a 5.1 surround set, which offers real cinema sound thanks to a powerful active subwoofer and Tripole surround speakers. All components of the set (except the subwoofer) are suitable for easy wall mounting thanks to their particularly flat design and built-in mounting lugs. Three identical loudspeakers called the K50 take over the reproduction of the front and center channels, providing a particularly balanced sound stage from the direction of the display or screen. The approximately 250mm high, 130mm wide and only 85mm deep loudspeakers take up a minimum of space, and the center can also be mounted „upright“ without any problems and thus stands out due to the absence of the usual frequency dips in the mid-range of horizontally mounted centers. For diffuse sound on the surround channels, the Movie Set is equipped with two Tripole loudspeakers, which provide room-filling sound on the rear channels thanks to laterally radiating broadband drivers. The compact, yet powerful V8 active subwoofer completes the Miller & Kreisel movie set. The housings of the front and rear speakers are made of solid MDF, accurately finished and weigh 2.0 and 2.9 kilograms respectively. For the sake of fair pricing of the entire set, one has to make do with foiled surfaces. However, this foiling is executed very neatly, the matt structure is also quite scratch-resistant and it is available in black or white. The subwoofer V8, which can be placed anywhere in the room, has been given a high-quality paint finish.

Technology

M&K Sound has not made any compromises regarding the driver configuration of the set, because the mid-bass and tweeters, which have proven themselves in high-quality series, are also used in the Movie 5.1 set. The K50 and K40T are equipped with high-performance drivers for high power handling and maximum sound pressure. One bass/midrange driver with an 85-mm diaphragm diameter works in the closed cabinet of each front system as a team with a 25-mm silk dome. The optimized magnetic drive of the drivers in combination with stable diaphragms provides considerable dynamic headroom. Of course, one should not expect extreme low bass from these flat transducers, at about 180Hz the sound pressure of the K50 drops noticeably towards lower frequencies, the crossover frequency of the subwoofer V8 should, therefore, be set higher accordingly.

The identical configuration of the K50 front and center loudspeakers ensures a homogeneous sound stage



Tripole rear speaker: The combination of a direct radiator and a dipole radiator (side-mounted broadband drivers) makes the M&K K40T a real highlight in a home cinema

K40T Tripole

M&K's K40T rear speakers are equipped with identical high and low midrange drivers as the K50 on the front. Also, each K40T has two full-range loudspeakers built into the left and right sides of the cabinet walls, which produce a diffuse surround sound in a dipole constellation. Together with the direct radiating drivers on the front, an extra-wide sound dispersion is created in the listening room - M&K hence calls its rear speakers „Tripole“ and combines the diffuse radiating properties of a dipole with the precision of a direct radiator.

V8 Active Subwoofer

One should not be deceived by the rather handy dimensions of the V8 subwoofer, as its 8-inch-long excursion driver is powered by a 150W amplifier. The closed housing of the V8, measuring around 34 x 26 x 29 centimeters, is perfectly finished, painted in a silk matt finish and can also be easily integrated into small living spaces. The conception of the V8 as a closed cabinet (instead of the usual bass-reflex constructions) ensures optimal impulse behavior and prevents disturbing air noise in the bass reflex export. Thanks to perfectly tuned driver parameters and equalization in the power amplifier module, the V8 can deliver powerful and deep bass despite its closed design without bass-reflex support.

Lab and Practice

In the measurement laboratory, the ultra-flat K50 impresses with a balanced, linear frequency response that hardly deviates from the ideal even at an angle of 30 degrees. The trio of K50 front and center speakers thus offers ideal conditions for a coherent presentation in the home theater. A crystal-clear and neutral-sounding voice reproduction is achieved with the center speaker placed upright, which with the compact dimensions of the K50 is also possible when mounted below a TV set on the wall. Even though the characteristic sound pressure level and dynamic range of the small K50 are quite considerable, one has to lower one's sight when it comes to the bass extension of such compact loudspeakers, as naturally hardly anything happens below 150 Hertz. This means: The subwoofer V8 should be separated at about 150 Hz to achieve a seamless transition without any dips in the entire frequency response. By the way, the M&K V8 fulfills this task excellently, as the V8 delivers rich, balanced low bass from about 35 Hertz up to the set crossover frequency. Even at higher volumes, the V8 does not run out of breath. Its dynamic range and sound pressure level are quite sufficient



