

M&K Sound 750 5.1 home theater speakers

# ***Powerful THX Speaker Set in a Compact Format***

The renowned Miller & Kreisel brand is well known to movie connoisseurs and home theater enthusiasts, as speakers from M&K Sound offer top-notch movie sound. The models of the compact 750 series have been completely revised and are available as a 5.1 set with a V12 subwoofer as a great-sounding package.



**Highlight**  
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**T**he Hollywood blockbusters „Star Wars,“ „Pirates of the Caribbean,“ or „King Kong,“ and hundreds of others were mixed by film producers on sound systems from Miller & Kreisel. In studios worldwide, sound engineers appreciate the incorruptible, dynamic sound characteristics of M&K Sound products. If you want to enjoy true-to-the-original film sound at home, you can use speakers from the legendary, professional 150 series even in your private home cinema.

But there is also something more affordable: The 750 series from M&K Sound offers powerful movie sound at a reasonable price and even has a THX Select license - the guarantee for ultimate cinema sound in your own four walls. Also, the speakers of the 750 series are amazingly compact and integrate easily even in smaller home theaters or living rooms.

## 750 Series New Edition

For about 20 years, the 750 series has enjoyed great popularity. Due to further improved driver technologies from the „bigger“ series, M&K has also decided to revise the compact 750 speakers from scratch. Therefore, in the current version of our 750 5.1 set, the drivers have been improved in many details, and the crossover has been tuned accordingly. Thus, the compact speaker set can deliver even more precise, dynamic sound and guarantees sensational movie sound.

The about 40 centimeters high front speakers sport a sturdy, low-resonance design and feature an elegant protective grille made of finely perforated metal. The driver assembly consists of enormously powerful woofers with 110 mm fiberglass cones. Two units per speaker share the work and guarantee considerable power handling, high dynamics, and plenty of sound pressure. A new 28 mm dome tweeter with an improved waveguide is responsible for the high frequencies. It has been installed at a slight angle to achieve more direct radiation to the listening position when the left and right speakers are positioned correctly. The center speaker is identically equipped. Since for a THX system, in principle, the subwoofer takes over from about 80 Hertz, and the „satellites“ of the THX set do not have to provide any sound pressure below about 100 Hertz, the front speakers have closed cabinets for better impulse reproduction.



*The V12 subwoofer's approximately 300-watt amplifier module offers the standard level, phase, and crossover frequency adjustments. Unfortunately, the V12 does not feature a remote control or EQ setting.*



### Test information: **THX Select**

The THX license is a seal of quality that should make home theater enthusiasts sit up and take notice. Developed by Lucas-Film in the early 1980s, the quality standard for cinema sound ensured consistent quality in professional movie theaters. Thanks to strict standards for frequency response, dispersion behavior, dynamic range, and bass extension, cinemas with a THX license can guarantee that a film sounds precisely as the director intended it. The same applies in principle to home theaters, except that the licenses designed for home use, such as THX Select, do not demand quite as high a level of maximum sound pressure. Nevertheless, home theater speaker sets and AV receivers with THX licenses offer a guaranteed performance in your own four walls that comes extremely close to the original sound in the recording studio.



As befits a proper THX home theater set, real rear dipoles match the 750THX front systems for the desired diffuse surround sound. Strictly speaking, the Sur55T rear speakers are even „tripoles“ because in addition to the two 76 mm wideband drivers in dipole arrangement, there is another 2-way system on the side facing the listening position as a direct radiator. When correctly placed on the listening position axis at the height of about 1.5 meters mounted on the wall, the Sur55T create an incomparable mix of direct and indirect sound, making for an extraordinary surround sound experience.

## Subwoofer V12

For a powerful and profound bass reproduction, an M&K subwoofer named V12 comes into play in our test set. The name itself indicates a 12“ chassis measuring 260 mm in diaphragm diameter, which is built into a closed cabinet with quite reasonable dimensions of 36 x 46 x 40 cm. A 300-watt amplifier module allows the robust chassis with its powerful magnetic drive to achieve genuinely outstanding performance. After all, it has to comply with the THX Select license, which places high demands on sound pressure, minimal distortion, and deep bass response.



*Two bass-midrange drivers with 110 mm fiberglass cone provide the compact LCR750 front speakers and center speakers with the necessary power handling and high sound pressure levels.*



*The rear speakers of the M&K set are true tripoles: In addition to a direct-radiating 2-way system, two full-range drivers built into the side walls provide the desired diffuse sound for the surround channels.*

## Laboratory and practice

In the acoustics lab, the LCR750 front systems deliver excellent dispersion behavior. Deviations from the ideal frequency response are hardly noticeable even at 30° angles - as befits a THX Select system. The extremely low distortion factor also speaks for itself, and the impulse behavior of the M&K compact speakers is exemplary. Naturally, the small front systems' frequency response drops gently below 100 Hertz, but here the subwoofer takes over and extends the frequency spectrum down to about 25 Hertz. The set's center also proves to be surprisingly well behaved, showing only very slight dips at angles despite being placed horizontally, an excellent value that the competition can gladly take as a benchmark.

In our test cinema, the compact M&K Sound loudspeaker set made an impression with its astonishingly dynamic performance. It delivers a well-defined and clear soundscape, even in complex and effect-laden scenes. The powerful sound of action-packed movies such as „Avengers: End Game“ is reproduced to perfection by the 750 set and excites us with a faithful reproduction of the most delicate sound details and crystal-clear dialogs. Thanks to its exemplary dispersion behavior, the entire set plays seamlessly, all channels have an almost identical tonality, perfect for a truly realistic movie sound. The powerful V12 subwoofer provides ample pressure from the bass cellar, which can also handle impulsive low-frequency effects precisely and effortlessly. It shines with its enormously powerful and deep-ranging performance and a straightforward response that is simply spot-on.





The angled tweeter drivers provide better sound at the listening position

## Conclusion

Miller & Kreisel has hit the jackpot with the new edition of the 750 series, which has been significantly improved in sound quality. The compact 5.1 speaker set delivers first-class Hollywood sound in private home theaters - thanks to perfect tuning and a THX Select license, precisely as produced by the director in the sound studio. The powerful and competent set is easy to integrate into the living room and can also be installed on the wall next to the screen or flat-screen, thanks to built-in brackets. The 5.1 set from M&K Sound from the revised 750 series, including the subwoofer V12, is a real highlight for true movie enjoyment!

## M&K Sound LCR750 Set

<b>Complete price (5.1 set)</b>	<b>around 3.333 Euro</b>
Distribution:	Audio Reference, Hamburg
Telephone:	040 53320359
Internet:	www.audio-reference.de

### • Equipment

Black finish (subwoofer: black / white)

<b>Front speaker:</b>	<b>LCR750</b>
Dimensions (W x H x D)	178 x 408 x 223 mm
Weight	6,9kg
Connection	Single-Wiring
Woofer (nominal diameter / diaphragm diameter)	2 x 130 / 110 mm
Tweeter (diaphragm diameter)	1 x 28 mm dome tweeter
Closed type	

<b>Center speaker:</b>	<b>LCR750C</b>
Dimensions (W x H x D)	408 x 178 x 223 mm
Weight	6,9kg
Connection	Single-Wiring
Woofer (nominal diameter / diaphragm diameter)	2 x 130 / 110 mm
Tweeter (diaphragm diameter)	1 x 28 mm dome tweeter
Closed type	

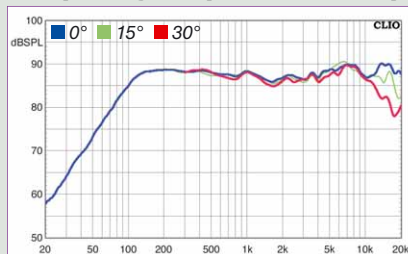
<b>Rear speaker:</b>	<b>Sur55T (Tripole)</b>
Dimensions (W x H x D)	178 x 259 x 221 mm
Weight	4,7kg
Connection	Single-Wiring
Woofer (nominal diameter / diaphragm diameter)	1 x 130 / 110 mm
Tweeter (diaphragm diameter)	1 x 28 mm dome tweeter
Dipole (nominal diameter)	2 x 76 mm broadband driver
Closed / Tripole	

<b>Subwoofer:</b>	<b>V12THXSelect2</b>
Dimensions (W x H x D)	360 x 465 x 400 mm
Weight	22kg
Power according to manufacturer	300 Watt RMS
bass-midrange driver (nominal diameter / diaphragm diameter)	1 x 300 / 260 mm

	70 %	1+	
<b>• Sound</b>			
dynamics/liveliness	15 %	0,8	■■■■■■■■■■
Low bass characteristics	15 %	1,0	■■■■■■■■■■
Tonal balance	10 %	0,9	■■■■■■■■■■
Detail resolution	10 %	1,0	■■■■■■■■■■
Interplay	10 %	0,9	■■■■■■■■■■
Listening zone Center	10 %	1,1	■■■■■■■■■■
<b>• Lab</b>	<b>15 %</b>	<b>1,0</b>	■■■■■■■■■■
frequency response	5 %	1,0	■■■■■■■■■■
Distortion	5 %	0,9	■■■■■■■■■■
Level stability	5 %	1,0	■■■■■■■■■■
<b>• Practice</b>	<b>15 %</b>	<b>1,1</b>	■■■■■■■■■■
Processing	5 %	1,1	■■■■■■■■■■
Equipment	5 %	1,2	■■■■■■■■■■
User manual	5 %	1,1	■■■■■■■■■■

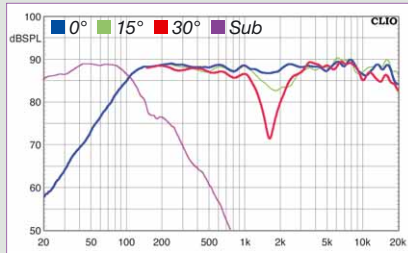
### Laboratory:

#### Frequency response front speakers



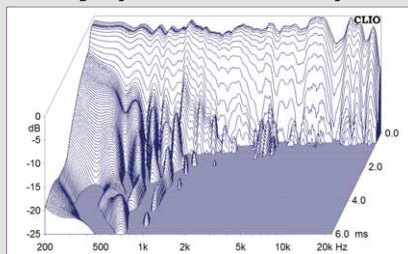
Typical for a THX set: the smooth fall-off of the front speakers below 100 Hertz. On-axis and at angles up to 30°, the LCR 750 speakers are characterized by perfect dispersion and balanced reproduction.

#### Frequency response center & subwoofer



Exemplary: even when positioned horizontally and at an angle, only slight drops in the center frequency response can be reported. The active subwoofer V12 delivers a solid level down to around 25 Hertz.

#### Decay spectrum front speakers



The M&K Sound LCR750 don't show any resonances above 1 kHz, and even below that only minimal oscillations can be detected.

### Rating:

- ➕ outstanding performance
- ➕ THX Select license
- ➕ compact dimensions

Reference class 1+

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Price/Performance: excellent