

Magico Q7 MK II 落地喇叭



來自美國的 High End 喇叭公司 Magico 在十週年紀念時，推出了旗艦型號 Q7 的小改款，命名為 Q7 MK II，現有的 Q7 用家也可花些費用升級，Q7 在 2011 年發表，代表 Magico 的精華技術成就，原本要再進步就相當不容易，不過 Magico 依然自我突破做到了。新的 Q7 MK II 用上來自限量版 M-Project 的最新技術，在高音、中低、與分音器有了主要的進化。

Q7 MK II 在 Magico 的研發照片



高音部份

Q7 MK II 採用在 M-Project 上，一顆全新、更有效率的高音單體，28mm 鑽石鍍膜的鈹高音，採用 finite-element-analysis modeling tools 程式，達到最佳化的幾何設計，讓 Q7 MK II 的高頻再生更接近完美，透過將鈹的物理特性技巧性的平衡，且沒有因為鑽石而增加重量，因此可將單體尺寸從原來的 26mm 增加到 28mm，擁有更大的功率承受能力。單體的運動系統及後方聲學設計也進一步優化，讓這顆高音單體的失真數據達到最低。

中音部份

採用全新 6" 的中音單體，使用了全新 Magico 石墨烯為基礎原料的振膜，新的盆錐比之前更輕了 30%，並且 300% 以上的更為堅固。這次首次在商業市場上使用該複合材質，單體用上了大型鈹磁鐵的運動系統，再加上一個頂端的穩定磁鐵系統，以在 15mm 的縫隙中都能維持穩定 1.7 Tesla 的磁場，最後再用上鈦製的聲圈，Magioc 使用了最新的 3D 雷射掃描技術，允許在非平行狀態下也能精準的組裝，以讓每個單體的頻率響應最佳化，讓不必要的運作及失真達到最小。這顆新的中音單體的運作衝程非常穩定的在 +/- 6mm 之間，擁有非常高的效率，達到 120dB (at 1m)，在中頻頻段內幾無失真。

分音器

採用德國 Mundorf 最新最好的元件，包括最新的 MCap Supreme Evo 電容。

Q7 的升級

升級包括了一顆新的高音、一顆新的中音，及新的分音器，前面板也需修正以安裝較大的高音單體，需送回 MAGICO。

Q7 MK II 規格

Driver Complement:

1 x 1" MBD27 Tweeter (原為 MB7)

1 x 6" MP6007 Midrange (原為 MG70)

1x 10" MG107 Midbass (不變)

2 x 12" MG1207 Bass (不變)

Sensitivity: 94dB (不變)

Impedance: 4 Ohms (不變)

Frequency response: 20 Hz – 50 kHz (不變)

Recommended power: 50 – 1200 Watts (不變)

Dimensions: 60" H x 32" D x 15" W (152cm x 81cm x 38cm) (不變)

Weight: 750 lbs. (340 kg). (不變)



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USA



MK II

MAGICO Q7 MK II

With their continued passion and commitment to excellence, Alon Wolf and his team of engineers are pleased to announce the new Q7 Mk II loudspeaker. In addition to the excitement of this new product launch, Magico is also making available an upgrade path for current Q7 owners.

Since the original Q7 loudspeaker was introduced in 2011, it has been revered as a state-of-the-art loudspeaker by music enthusiasts and senior press around the world. It seems unimaginable that the Q7's performance could be improved upon. However, we are proud to say it is true – the best just got better!

The new Q7 Mk II loudspeaker was inspired by some of the new technologies we unveiled in the limited-edition M-Project. Key elements of the M-Project design will now be incorporated into the new Q7 Mk II, which results in significant improvements to the overall sound performance. Notable changes are found in the tweeter, midrange, and crossover. These improvements will ensure the Q7 Mk II remains Magico's supreme accomplishment, and the company's flagship model.

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TWEETER - HIGHLIGHTS

The Q7 Mk II incorporates a new, more efficient version of the revolutionary tweeter found in the M-Project. A 28mm diamond-coated beryllium diaphragm with optimized geometry, created using state-of-the-art finite-element-analysis modeling tools, brings the Q7 Mk II's high-frequency reproduction one step closer to perfection. This was achieved by skillfully leveraging beryllium's physical properties: the new tweeter is closer to the theoretical ideal, yet without gaining the extra weight normally associated with diamond's specific gravity. This new technology enabled us to increase the dome diameter to 28mm (vs. the previous 26mm), improving many aspects of performance while enabling even greater power handling. This new technology, combined with a new motor system and new acoustically improved back chamber, results in the lowest distortion measurements possible today in a high-frequency transducer.

MIDRANGE - HIGHLIGHTS

The Q7 Mk II will have a new 6" diameter midrange driver that features a new Graphene-based cone material from Magico. This new cone is 30% lighter and 302% stiffer than its predecessor. This is the first commercial use of such an advanced composite. The driver utilizes an underhung neodymium-based motor system with an extra-large magnet and a top stabilizing magnet to ensure a perfectly stabilized magnetic field of 1.7 Tesla in a 15mm air gap, culminating with a pure vented titanium voice coil. The latest 3D laser scanning techniques were used to allow for unparalleled precision in assembly, ensuring optimal behavior in each driver's frequency range while reducing non-piston motion and minimizing distortion components. The midrange driver has a +/- 6mm of stabilized excursion rate at very high sensitivity, enabling 120dB (at 1m) of distortion-free playback in the midrange frequencies.

CROSSOVER - HIGHLIGHTS

The Q7 Mk II will include the latest state-of-the-art parts from Mundorf of Germany, including the new, amazing, MCap Supreme Evo capacitors.

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官方新聞稿 (PDF)

http://www.my-hiend.com/leoyeh2/2014d/Q7_MK2_PR.pdf

總代理 傑富國際: <http://jeffaudio.com.tw/>

MAGICO: <http://magico.net/>

Q7 MK II UPGRADE - HIGHLIGHTS

The Q7 Mk II upgrade path includes a new tweeter, new midrange, and new crossover. The faceplate requires re-machining to accommodate the new, larger-sized tweeter.

The Q7 Mk II is our finest achievement, a technical triumph that fully expresses the ultimate passion and capabilities of Magico. We believe that the Q7 Mk II defines our commitment to technically and artistically redefining the genre, and will provide music lovers with an unlimited and undented space within which to experience sound like never before.

SPECIFICATIONS

Driver Complement:
1 x 1" MEG07 Tweeter
1 x 6" MP007 Midrange
1 x 10" M5107 Midbass
2 x 12" M01207 Bass

Sensitivity: 94dB
Impedance: 4 Ohms
Frequency response: 20 Hz – 50 kHz
Recommended power: 50 – 1200 Watts
Dimensions: 60 1/4" x 32" x 15 1/2" (152cm x 81cm x 38cm)
Weight: 750 lbs. (340 kg)

PRICING AND AVAILABILITY

The suggested retail price of the Magico Q7 Mk II is US \$229,000.00 /pair
The suggested retail price of the Q7 Mk II UPGRADE is US \$44,000.00 /pair
UPGRADES to original Q7 loudspeakers are AVAILABLE NOW and may only be upgraded at the Magico factory.

ABOUT MAGICO

Magico was created over a decade ago for the sole purpose of leading a no holds-barred assault on what is possible in contemporary loudspeaker design. Inspired by the unique vision of industrial designer and accomplished musician Alon Wolf, every Magico product is designed against the true standard of perfect audio reproduction-like music. At Magico, we strive to lead in the creation, development, and manufacture of the most elegant and technologically advanced loudspeaker systems in the world. Each product expresses our passion to craft uncompromising devices that reveal the music as never before.

CONTACT

For more information on the Q7 Mk II or other Magico loudspeakers, please contact Peter Mackey, v.p. Global Sales & Marketing at Magico LLC, Hayward, CA, USA: telephone: 1-510-649-9700 x104, or visit us at www.magico.net.

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