

SCANSONIC **HD**

SCANSONIC **HD**

Dantax Radio A/S
Bransagervej 15
9490 Pandrup
Denmark
Tel. +45 98 24 76 77
sales@scansonic.dk

www.scansonic.dk

Version: 2019



Design | – the Philosophy

Having worked with Raidho speakers for more than 12 years, we found ourselves faced with a completely new challenge when we started to design a new range of high-performance speakers for the Scansonic brand.

From the start, we were very focused on building on all the experiences and strengths obtained from designing the Raidho speakers. At the same time, we also had to be aware of the long heritage and the Nordic design tradition of the Scansonic brand. This time, the task also came with a budget and a desire to create the very best possible within financial limits. It was clear to us from the very beginning, that some core techniques from the Raidho speakers would be of importance:

The speakers had to be designed around a ribbon tweeter that works with a super lightweight diaphragm which is sealed around the edges to allow for a seamless transition to the midrange region. Furthermore, they needed to be designed and developed with a speaker driver with a ridged, piston-type membrane.

Developing and building these speakers in Denmark has been a tremendous task with quite a long duration. We are very glad that a fantastic team effort made it possible – the result makes us proud.

New generation Scansonic MB:

The New B versions have been upgraded and optimized in almost all areas:

Cabinets: The internal construction has been changed, in order to optimize airflow which combined with the minimalistic use of damping-material has created a very dynamic and linear low frequency reproduction.

The old acoustically vented cabinets have now been replaced with a ported cabinet, which is tuned for optimal impulse response – resulting in a more linear, dynamic and detailed low-end reproduction, while at the same time making in-room placement of the speaker much easier and versatile.

Drivers: The woofer and midrange drivers, have been fitted with a new low loss spider which greatly improves the dynamic capabilities as well as expanding the frequency response in the bass region. – A very nice side effect of this is that the break-in period has been reduced greatly (around 100 hours).

Crossover: The crossovers have been completely redesigned. This has resulted in a much more linear and natural sound, which is clearly visible throughout the whole line.

The crossover has been designed to time-align all drive units at listening distance – The result is a speaker which not only presents a big and precise soundstage – it also boasts a timing that will make your foot tap and put a big smile on your face!



MB1 B | Stand-mount two-way mini monitor

The MB1 B is a small and very elegant 2-way speaker, designed to blend in anywhere. The elegant enclosure is curved and heavily braced with solid carbon reinforcements. The speakers are designed around a sealed ribbon-tweeter and a 4.5" carbon-coned woofer. The sound is open, crisp and very dynamic, and MB1 B is able to produce a soundstage that goes beyond it's compact size. The reflex-port is located at the front which makes the MB1 B a good choice in rooms with little or no space, placed in a bookshelf or on the matching stands.

The MB-stands are sold seperatly and comes in two different designs where one is with the matching, adjustable aluminum-feet from the larger MB B models.



For the MB1 B we have a dedicated stand, with MB-series matching aluminum adjustable feet.

The MB1 also fits the Single stand.





MB2.5 B | Slim floorstander

MB2.5 B is the elegant performer. The size fits most rooms and the speaker is designed around a sealed ribbon-tweeter and two 4.5" carbon-coned drivers, where one of the drivers support the low frequencies, making the 2.5 go deeper than the MB1 while retaining the crisp and open soundstage. The MB2.5 B is easy to place due to the reflex-port being located in the bottom of the speaker. The speaker is placed on adjustable aluminum-feet which matches the looks and feel of the classic scandinavian design.



MB3.5 B | Slim floorstander

MB3.5 B is the perfect speaker where size is an option but the demand is big sound. The MB3.5 B is the extension of the MB2.5 B, and the enclosure is heavily braced and elegantly curved with solid carbon reinforcements. In addition to the sealed ribbon tweeter and two 4.5" carbon-coned woofers, the MB3.5 B includes two 6.5" bass-drivers which adds extended low frequency. This makes the MB3.5 B able to play louder and deeper, but still being crisp, open and dynamic with a big and open soundstage, that you typically would expect from a larger speaker. The MB3.5 B is placed on adjustable aluminum-feet matching the elegant looks.





MB5 B | Slim floorstander



The MB5 B is a unique floor-standing speaker with four 4.5" carbon-coned drivers and a sealed ribbon-tweeter. The enclosure is heavily braced, curved and with solid carbon reinforcements. The MB5 B works as a 3-way speaker, where three 4.5" woofers handles the lower frequencies. The delicate midrange is also handled by a 4.5" carbon-coned driver and together with the ribbon-tweeter, the MB5 B is able to deliver a very crisp and transparent sound with a deep, controlled bass.

The MB5 B works in both smaller and larger rooms, and is easy to place.



MB6 B | Slim floorstander



The MB6 B is the flagship in the series, and it is the optimal choice for bigger rooms. It is a big, but still sleek and elegant speaker due to the slim profile. The enclosure is curved and heavily braced with solid carbon reinforcements.

The MB6 B is designed around a sealed ribbon-tweeter and six 4.5" carbon-coned woofers. Two of the drivers works in parallel and handles the delicate midrange, and they work together with four drivers to handle the low frequencies. MB6 B is able to create a large soundstage, which at the same time is crisp, open and extremely dynamic. The MB6 B is the optimal choice if you want a speaker that can deliver the transparency and live-feeling of all your music, combining the abilities of all the other MB B models with the power of a full-size speaker all wrapped in a beautiful scandinavian design.

The MB6 B is placed on adjustable aluminum-feet matching the elegant looks.



Optional for the MB1 B | Speaker stand Twin

For the MB1 B we have a dedicated stand, with MB-series matching aluminum adjustable feet.

The MB1 also fits the Single stand.



MB Center B | For a home theatre setup

The MB Center B is a high-performance center-speaker designed to match a complete MB B-setup in a home cinema-system. The sleek and elegant enclosure is heavily braced and curved like the rest of the series. It uses two 4.5" carbon-coned woofers and a sealed ribbon-tweeter. The ribbon-tweeter, in combination with the woofers, allows for an open and detailed sound, making it ideal to handle the delicate midrange-area with open and clear dialogue, while still matching the dynamics from the frontchannel speakers.



MB10 | Subwoofer

The MB10 subwoofer is the elegant addition to a system of MB-speakers, and it is a good choice in both stereo and homecinema-systems.

The design is scandinavian with a clean look, and the solid carbon inlay in the top, makes it blend perfectly with the MB B speakers. Build around a solidly braced enclosure, the MB10 uses a 10" driver powered by a built-in 100 watt amplifier. It is the perfect addition to any system. It adds to the low frequencies so any music or movie, sounds more convincing and authentic, especially in larger rooms where it can be difficult to create the deepest bass. The MB10 can be connected with the LFE-input, or with speaker-inputs for the receivers/amplifiers where there is no active subwoofer-output available.



M10 | Stand-mount



- The M10 is a compact two-way mini-monitor, featuring a high-resolution ribbon tweeter which, in combination with its 4" Honeycomb enforced glass-fiber cone, delivers an open and detailed sound, with extraordinary low levels of distortion.





M20 | Floorstander



The M20 is a compact and elegant 2.5-way, floor-standing speaker.

The speaker features a high-resolution ribbon tweeter, normally only seen in much higher priced products. In the M20, the tweeter blends seamlessly with the 4" honeycomb enforced glass-fiber midrange/ woofer driver, which is furthermore assisted in the lower frequencies by a dedicated 4" woofer.



M40 | Floorstander



The M40 is a powerful and elegant 2.5-way, floor-standing speaker.

The speaker features a high-resolution ribbon tweeter, normally only seen in much higher priced products.

In the M40, the tweeter blends seamlessly with two 4" honeycomb enforced glass-fiber midrange/woofer drivers, arranged in a MTM configuration.

The two midrange/woofer drivers are supported in the lower frequency regions by an array of 2 dedicated bass drivers. Don't let the slim and elegant looks fool you - the M40 can really rock the house, when it's four 4" woofers are put to work.





Scansonic HD
co/ Dantax Radio A/S
Bransagervej 15
9490 Pandrup
Denmark
Tel. +45 98 24 76 77
sales@scansonic.dk

www.scansonichd.dk

MB1 B
 Size: (WxHxD) 178 x 312 x 286 mm
 Weight: 6.1 kg
 Principle: 2-way Stand-mount
 Freq. response: 45 Hz - 40.000 Hz
 Impedance: 8 ohms
 Sensitivity: 86 dB
 Crossover: 2600 Hz / Minimum phase
 Drive units: 1 x Ribbon tweeter
 1 x 4.5" Mid/Woofer
 Finish: Silk White or Silk Black
 Amplification: We recommend high quality amplifiers >50W

MB2.5 B
 Size: (WxHxD) 178 x 998 x 286 mm
 Weight: 15.6 kg
 Principle: 2.5-way
 Freq. response: 36 Hz - 40.000 Hz
 Impedance: 6 ohms
 Sensitivity: 88 dB
 Crossover: 500 Hz + 2600 Hz / Minimum phase
 Drive units: 1 x Ribbon tweeter
 1 x 4.5" Mid/Woofer
 1 x 4.5" Woofer
 Finish: Silk White or Silk Black
 Amplification: We recommend high quality amplifiers >50W

MB3.5 B
 Size: (WxHxD) 178 x 1138 x 286 mm
 Weight: 20.8 kg
 Principle: 2.5-way
 Freq. response: 27 Hz - 40.000 Hz
 Impedance: 5 ohms
 Sensitivity: 89 dB
 Crossover: 150 Hz + 2600 Hz / Minimum phase
 Drive units: 1 x Ribbon tweeter
 2 x 4.5" Mid/Woofer
 2 x 6.5" Woofer (Side firing)
 Finish: Silk White or Silk Black
 Amplification: We recommend high quality amplifiers >50W

MB5 B
 Size: (WxHxD) 178 x 1185 x 319 mm
 Weight: 24 kg
 Principle: 3-way
 Freq. response: 29 Hz - 40.000 Hz
 Impedance: 4 ohms
 Sensitivity: 90 dB
 Crossover: 250 Hz + 2600 Hz / Minimum phase
 Drive units: 1 x Ribbon tweeter
 1 x 4.5" Midrange
 3 x 4.5" Woofer
 Finish: Silk White or Silk Black
 Amplification: We recommend high quality amplifiers >50W

MB6 B
 Size: (WxHxD) 178 x 1410 x 410 mm
 Weight: 36.5 kg
 Principle: 3-way
 Freq. response: 27 Hz - 40.000 Hz
 Impedance: 4 ohms
 Sensitivity: 90 dB
 Crossover: 250 Hz + 2600 Hz / Minimum phase
 Drive units: 1 x Ribbon tweeter
 2 x 4.5" Midrange
 4 x 4.5" Woofer
 Finish: Silk White or Silk Black
 Amplification: We recommend high quality amplifiers >50W

MB Center B
 Size: (WxHxD) 480 x 178 x 286 mm
 Weight: 10.3 kg
 Principle: 2-way
 Freq. response: 45 Hz - 40.000 Hz
 Impedance: 8 ohms
 Sensitivity: 86 dB
 Crossover: 2600 Hz / Minimum phase
 Drive units: 1 x Ribbon tweeter
 2 x 4.5" Mid/Woofer
 Finish: Silk White or Silk Black
 Amplification: We recommend high quality amplifiers >50W

MB10
 Size: (WxHxD) 360 x 418 x 360 mm
 Weight: 15.4 kg
 Freq. response: 25 Hz - 150 Hz (adjustable)
 Amplifier: 100W Rms, Class AB
 Inputs: Line as well as low impedance input
 Enclosure: Rear ported
 Drive unit: 10" long throw, low mass driver - Down-firing
 Power consumption: <0.9A - standby, on: 10-300w
 Finish: Silk White or Silk Black

M10
 Size: (WxHxD) 130 x 303 x 196 mm
 Weight: 4 kg
 Freq. response: 70 Hz - 40 KHz
 Impedance: 6 ohms
 Crossover: 4 KHz 2. Order
 Principle: 2 -Way Bas-reflex loaded
 Sensitivity: 85dB
 Enclosure: Heavily braced, rear firing ports.
 Drive units: 1 sealed ribbon tweeter with kapton/aluminum sandwich membrane.
 1 Mid/woofer 4", Honeycomb enforced glass fiber cone.
 Finish: Silk White or Silk Black
 Amplification: We recommend high quality 50 - 100 W amplifiers

M20
 Size: (WxHxD) 220 x 935 x 250 mm
 Weight: 12.1 kg
 Freq. response: 50 Hz - 40 KHz
 Impedance: 4 ohms
 Crossover: 4 KHz 2.Order
 300 Hz 1. order
 Principle: 2.5 -Way Bas-reflex loaded
 Sensitivity: 86.5dB
 Enclosure: Heavily braced, rear firing ports.
 Drive units: 1 sealed ribbon tweeter with kapton/aluminum sandwich membrane.
 1 Mid/woofer 4", Phaseplug + Honeycomb enforced glass fiber cone.
 1 Woofers 4", Honeycomb enforced glass fiber cone.
 Finish: Silk White or Silk Black
 Amplification: We recommend high quality 100 - 200 W amplifiers

M40
 Size: (WxHxD) 220 x 1085 x 295 mm
 Weight: 18 kg
 Freq. response: 45 Hz - 40 KHz
 Impedance: 6 ohms
 Crossover: 4 KHz 2. Order
 300 Hz 1. order
 Principle: 2.5 Way Bas-reflex loaded
 Sensitivity: 88 dB
 Enclosure: Heavily braced, ported design, rear firing ports.
 Drive units: 1 sealed ribbon tweeter with kapton/aluminum sandwich membrane.
 2 Mid/woofer 4", Phaseplug + Honeycomb enforced glass fiber cone.
 4 Woofers 4", Honeycomb enforced glass fiber cone.
 Finish: Silk White or Silk Black
 Amplification: We recommend high quality 100 - 300 W amplifiers