

Official Press release - The NEW Raidho X2.6

An elegant High End floor standing loudspeaker of the highest order.

Raidho Acoustics, renowned for pushing the boundaries of audio engineering, proudly announces the world premiere of their latest offering in the X series. The X series stands for *eXtreme* performance for the price. Of course, these are not cheap products, by any standard. But the brand new X2.6 features a tweeter that is derived from the TD6. A EUR 230.000 statement speaker. It is also built inhouse in Denmark with drive units that are build by hand. This at only EUR 21.000 per pair (EU pricing).

The World Premiere

This loudspeaker will be shown for the first time at High End Show in Munich from 9th – 12th May 2024 in Room E227 Atrium 4.2

The loudspeakers are ready for production.

This press release is for immediate release.

Download all photo for the X2.6 [HERE!](#)



The Goal

The ambitions of the X2.6 are basically the same as any Raidho speaker. We try to achieve:

- Extremely low level of noise / coloration of the sound
- Dramatic, energetic sound with a very wide soundstage
- Hear every detail, but no fatigue
- Very easy to listen to
- A unique sonic holography
- The sound appears right out of the blue
- Very authentic and close the original

Raidho Acoustics

Ribbon Tweeter

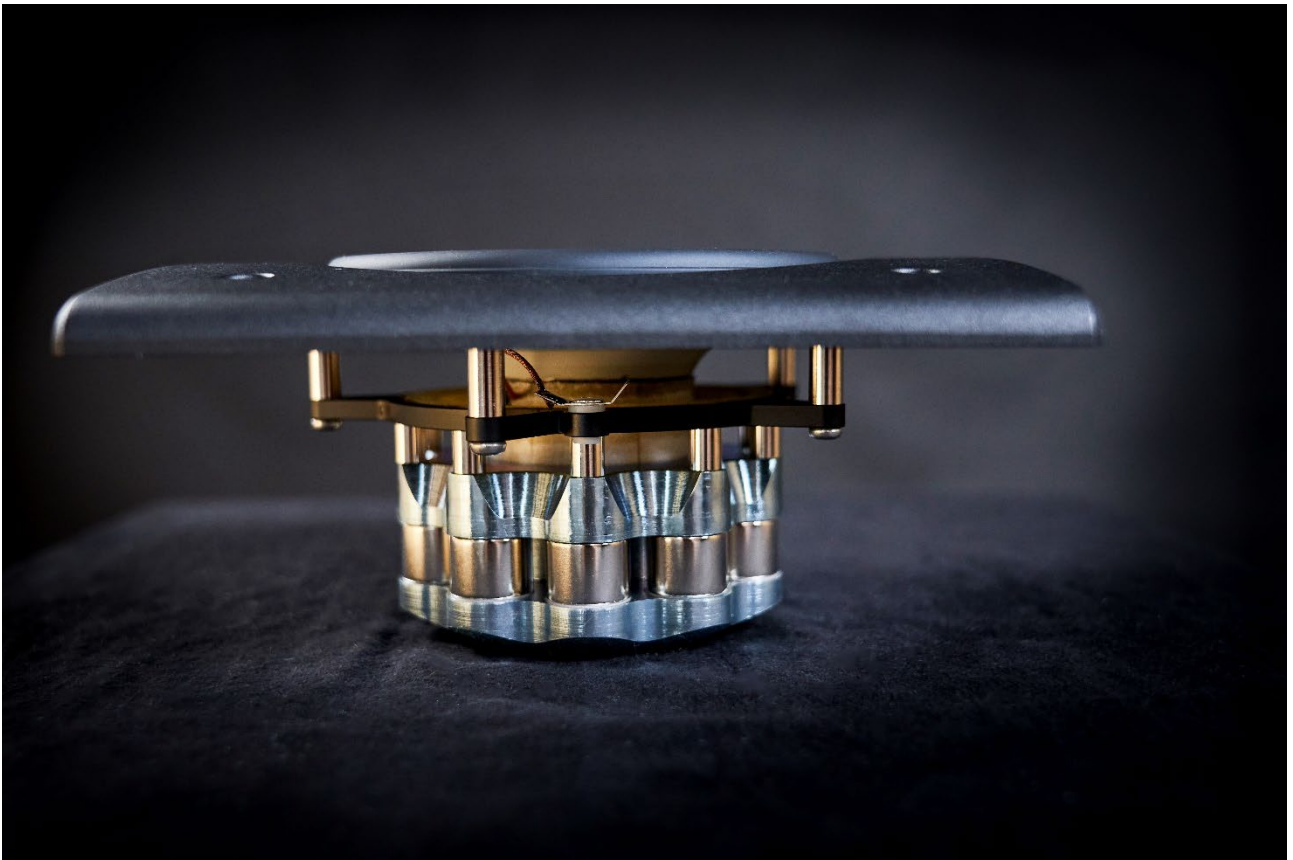
Our proprietary, trademark ribbon tweeter is a unique design. It is completely designed and build by hand in-house in Denmark. To be exact, it is a Planar Magnetic Tweeter due to the tracks in the foil. The foil is 11 microns thick, which means it is 50 times less mass in comparison to a conventional dome tweeter. This is because the voice coil is in the foil and the extreme low weight of the foil (20 milligram). The result is virtually no resonances or distortion, and the breakup point is at an incredible 82 KHz! What you hear is amazing clear and natural sound. All the detail in the world, but no fatigue, no distortion, and no coloration!



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Ceramic Coated Bass Drivers

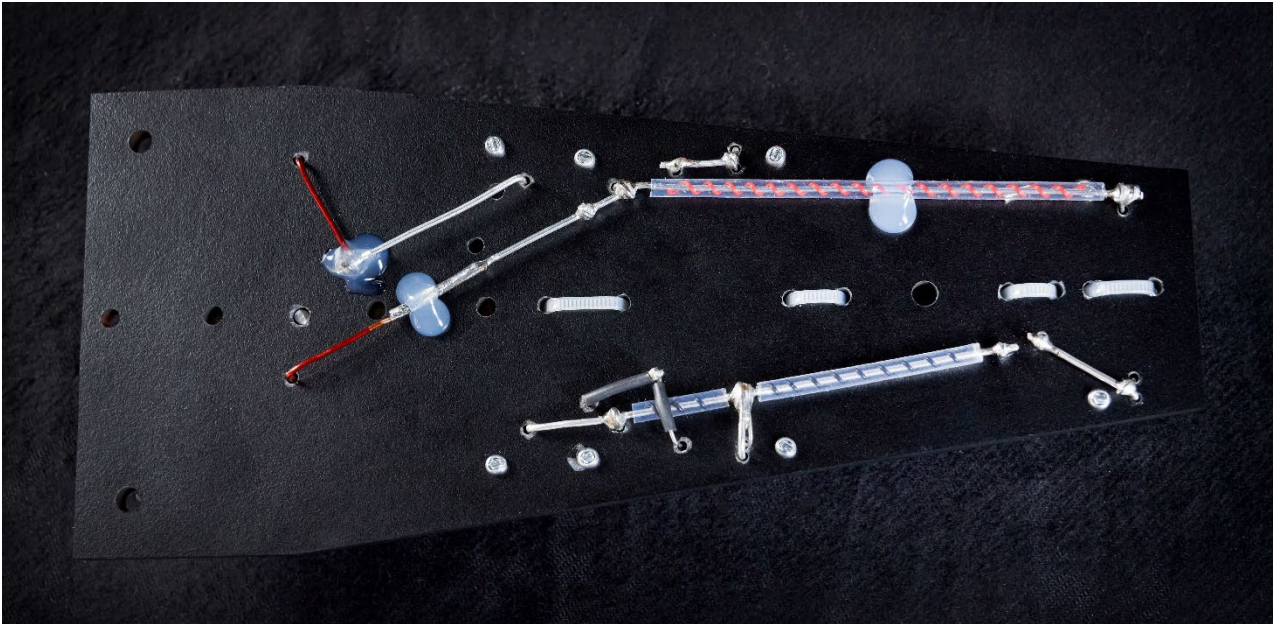
Finally, a drive unit that can keep up with the Raidho ribbon tweeter! The base of our membrane is an aluminum cone, which in itself, is very rigid and stiff. One of the challenges with aluminum is that it has its own distinct sound/ringing. To eliminate this, our drivers are all coated with a thin layer of ceramics. The coating is put on through a plasma process that binds the ceramic coating to the aluminum. With the aluminum-oxide ceramic cones, the first breakup mode was raised to 12,5kHz, which sets a high standard for cone-driver resonances. The motor system of the drive unit, is a piece of art. A very aerodynamic construction with a high-level ventilation which increases dynamics and lowers distortion. High strength neodymium magnets allow for ultimate control in a unique construction.



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The Crossover

The heart of the loudspeaker is always tucked away inside the loudspeaker. But we really want to show it to the world as this is a proud piece of engineering from us. On the back you can see the point-to-point hardwiring that is all done by hand. Furthermore, the use of Nordost cable in the crossover is highly unusual and reveals the enormous attention to detail. Needless to say, the internal cable is also from Nordost with Norse technology, which is also used in the Nordost Valhalla models. Truly remarkable.



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The Bottom End

The loudspeaker rests not on spikes, but on a very smartly constructed feet with integrated decoupling. This speaker itself stands on ceramic balls which are not visible from the outside. This setup works wonders for the sound but does not damage the floor.

The beautifully integrated bass reflex ports are possible to dampen so the bass does not overpower smaller rooms.

The connections may look small and inferior, but are actually designed to give the best possible contact to your cables and the crossover.



Raidho Acoustics

Made in Denmark

In Pandrup, Denmark we have our own unique production of drive units, crossovers, and assembly line. We are proud to say that we have our own dedicated team which extraordinary skills which makes the quality of Raidho come to life. True craftsmanship and passion for every single detail are in our hearts.



Watch a video of the production of a drive unit [HERE!](#)

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Technical Specifications

Design: 2,5 way

Freq. response: 32 Hz – 50 KHz

Impedance: >6 ohm

Sensitivity: 87 dB 2.83 V/

Crossover: 140 Hz + 3.5 kHz

Enclosure: Vented design. Ports in the rear

Drive units: 1 x sealed ribbon tweeter. 2 x 6,5" Ceramic driver

Amplification: >100 W

Connections: Single wire propriety Raidho design

Finish: Black piano and white piano are standard. But custom colors are available on request.

Size, mm. (BxHxD): 360 x 1065 x 410 mm, including feet.

Weight: 30 kg.

Price: EUR 21.000 (Pair)

DANTAX Radio A/S

Founded in 1972, DANTAX Radio A/S began producing loudspeakers under the original brand name. From 1977 – 1980 DANTAX even owned Scanspeak. Since then, DANTAX has produced many different products in the Consumer Electronics segment. Now, a reborn High-End manufacturer, DANTAX focuses on producing high quality products under the brand names Raidho, Scansonic and GamuT Audio. DANTAX is today a public listed company in Denmark.