

NEW

Raidho X1.6

Compact Speaker

The Vision and Concept

The all new X1.6 is wonderful new addition to the Raidho X series.

This is Raidho's take on making a high performing compact speaker in this highly competitive price range. The X1.6 will deliver a performance unseen in this price class. It is the first time Raidho offers a 6,5" in this form factor and price range. Prepare to be amazed.

The Goal

The ambitions of the X1.6 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

Ribbon Tweeter

Of course, the X1.6 also builds on the legendary Raidho Ribbon Tweeter. Actually, it is a Planar Magnetic Tweeter due to the tracks in the foil. The foil is only 20 milligram and 11 mikron thick, so it has 50 times less mass in comparison to a conventional dome tweeter. This means virtually no resonances or distortion. The breakup point is at an incredible 82 KHz! The result is clear and natural sound, like no other. Especially in this price class, this level of performance is unbeatable.

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 aero dynamic construction with a high-level ventilation which increases dynamics and lowers distortion. High strength neodymium magnets allow for ultimate control in a unique construction.

TECHNICAL INFORMATION

Size, mm. (BxHxD):	200 x 360 x 30
Weight, kg.:	12
Freq. response:	45 Hz - 50 KHz
Impedance:	>6 ohm
Sensitivity:	87 dB 2.83 V
Crossover:	3.5 kHz
Enclosure:	Vented design. Port in the rear
Drive units:	1 x sealed ribbon tweeter. 1 x 6,5" Ceramic driver
Finish:	Black piano and White pian
Amplification:	>50 W (Though we have seen excellent results with small tube amplifiers)
Price:	EUR 7.300 (Pair)



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 is in our hearts.

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.

Raidho Acoustics

Dantax Radio A/S

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