

## FOR IMMEDIATE RELEASE

### DYNAUDIO LAUNCHES 40<sup>th</sup> ANNIVERSARY SPEAKER: THE SPECIAL FORTY

#### Cutting-edge acoustic technology in a classic Dynaudio design

*Munich, Germany (Thursday May 18, 2017)*

Dynaudio is launching its brand-new 40<sup>th</sup> anniversary speaker – the Special Forty – at the 2017 High End Show in Munich.

The team in Dynaudio Labs used the project as an opportunity to study (and improve) some of Dynaudio's most famous technologies – including making new steps in tweeter, woofer and crossover design.

The Special Forty features:

- A brand-new tweeter: the 28mm Esotar Forty, exclusive to this model
- A specially optimised, all-new 17cm woofer
- Classic Dynaudio first-order crossover topology
- Two unique high-gloss finishes: Grey Birch High Gloss and Red Birch High Gloss

The Special Forty's new tweeter and woofer both have extended frequency ranges to improve integration between them. The Esotar Forty's robust design means it can play down to the upper midrange – around 1000Hz – without adverse effects. It includes a precision-coated soft-dome diaphragm, ultra-powerful magnet, optimised airflow and Dynaudio's signature ferrofluid-damped aluminium voice-coil.

The woofer – Dynaudio's best 17cm model yet – can easily handle frequencies up to 4000Hz thanks to the company's proprietary Magnesium Silicate Polymer (MSP) material and geometrically optimised one-piece moulded cone design. This uses the centre of the cone to reproduce midrange frequencies by coupling it directly to the voice-coil.

Dynaudio's engineers have taken great care to ensure this frequency overlap happens in the drivers themselves, rather than correcting or tweaking the signal in the crossover.

The crossover is derived from classic Dynaudio first-order topology – something the company has been continuously refining for decades. Select high-grade components and Dynaudio's 40 years of design experience have made it incredibly refined.

Other innovations:

The **AirFlow Basket** (which holds the driver motor securely in place in the cabinet without transferring unwanted vibration). Its specially shaped aerodynamic ribs reduce internal reflections and help improve air move behind the cone without compromising the basket's stiffness or stability.

The woofer's **hybrid magnet system**. This sits inside the voice-coil rather than outside, in order to better immerse the voice-coil's aluminium wire in magnetic flux for more power and better efficiency. The magnetic energy is supplied by a powerful neodymium magnet, while a gentler ferrite magnet controls its direction to where it's needed most: around the coil.

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The **two exclusive finishes**. The Special Forty takes Dynaudio's celebrated anniversary-model finishes to a new level with Grey Birch High Gloss and Red Birch High Gloss lacquers. Both vividly highlight the wood grain for a truly striking look.

Otto Jørgensen, Dynaudio Product Manager, says: "We didn't want to rest on our laurels with the Special Forty. We've studied the techniques and technologies that brought Dynaudio so much success in the past, and brought them up to date in our new Dynaudio Labs facility. We wanted to revisit those innovations and see what we'd do differently this time – and Dynaudio's 40<sup>th</sup> birthday was the perfect time for it."

## **Key specifications**

Frequency response (+/- 3dB): 41Hz – 23kHz

Impedance: 6 ohms

Sensitivity: 86dB (2.83V/1m)

Crossover: Two-way, first-order topology

Dimensions (W x H x D): 19.8 x 36 x 30.7cm

*The Special Forty will go on-sale in June for €2999 per pair.*

*You can find hi-res Special Forty images at [www.dynaudio.com/munich](http://www.dynaudio.com/munich). For more information, please contact Otto Jørgensen at [otj@dynaudio.com](mailto:otj@dynaudio.com).*

## **About Dynaudio**

Dynaudio was founded in 1977 in Skanderborg, Denmark. Today, Dynaudio is recognised as one of the leading manufacturers of high quality audio systems and one of the world's most distinguished high-end audio companies. Dynaudio develops and manufactures dedicated audio systems for the professional markets as well as car audio and home audio consumer loudspeaker products at the company's state-of-the-art facility in Denmark. Dynaudio is particularly recognised for its advanced driver technology designed, engineered, and continuously developed in-house, and its furniture-grade, handcrafted Danish cabinetry.