

World Premiere: „The Cinema Reference“ speaker system

@ High-End 2016 in Munich we'll introduce our new flagship speaker. Come and see us on 2nd floor of Atrium 4, room F231f.

Our new Credo „**The Cinema Reference**“ speaker is designed for large high-performance home-theaters and music-rooms. Several years under development, **the product designer Michael Kraske** combined a whole bouquet of new ideas, existing „Credo developments“, state-of-the-art driver technology and implemented some of the latest line array technologies.

Not yet another line-source: We have solutions to bring the line array design, which was developed for PA (public area) use, into a home environment. Unlike the simple straight-line-array designs available in the High-End market today, we address the well known „Line-array problems“. Which are:

- Extreme lobes at lower frequencies (200 Hz - 2 kHz)
- Drop (decreasing) of high-frequencies (on-axis)
- Rippled and non-linear off-axis frequency response
- Extreme horizontal directivity at high frequencies (+/- 5° above 8 kHz)



Thanks to our proprietary crossover design, the unique AMT tweeter from MUNDORF and an outstanding 6.5" mid woofer from ScanSpeak, we achieved the ultimate goal for a speaker, to perform extreme **fine dynamics at very low and also at very high SPL**. Distortion is kept extremely low!

The „Cinema Reference“ is a modular, **passive filtered two-way design** completed with **active subwoofers**. The mid-woofers are high-pass filtered, allowing them to perform perfectly at low distortion level down to 35 Hz. For the Subwoofer we use a 9" ScanSpeak driver with aluminum cone in a closed cabinet. A combination of passive and DSP filters adapts the Subwoofer perfectly to the rest of the speaker.

We developed a brand-new cabinet and front baffle layout, to actually adapt the line-array technology for home-use and to stay within the tight driver layout. Ultimate rigidity of the cabinet was achieved, although we kept the box-size as small as possible! Thanks to the investment into our two CNC machining-centers, all parts are developed and made in-house.

The modular design of the speaker-system makes it possible to get the correct set-up for each room, exactly fulfilling the customers needs. Unlike to similar designs **it is possible**, without any problem, **to use any High-End amplifiers already owned by the customer** or to use additional amps that are available on the market. Our speaker- and crossover design offers very high efficiency and linear impedance response, so even lower power amplifiers will perform extremely well also at high SPL!

Contact us: For more Details, hi-resolution pictures, pricing... info@credo-audio.ch