

## MUTECH REF10 NANO



MUTECH GmbH, manufacturer of audio equipment for studio professionals and audiophile consumers, proudly announces the release of the REF10 NANO. The REF10 NANO is the focused version of an audiophile 10 MHz reference master clock in the superior quality you should expect from clocking specialist MUTECH. It is based on the already well-established REF10, but transfers its technology, praised by many customers and reviewers, into a new, significantly lower price range.

This smallest 10 MHz reference master clock in the MUTECH range offers almost every of the important quality features of its big brother REF10. Based on an oven-controlled quartz oscillator, the REF10 NANO delivers excellent values for phase noise and jitter. In our opinion, this makes the compact REF10 NANO the best 10 MHz reference clock generator currently available in its price range.

"With the REF10 NANO, we are responding to many requests from our customers and sales partners who wanted a 10 MHz reference clock generator from MUTECH at a lower sales price. The REF10 NANO concentrates on the core functions in a compact format and almost achieves the quality of the established REF10 model, which has been confirmed by many users and critics, but costs only half as much. This new MUTECH master clock offers a very attractive entry into audiophile clocking. We are convinced that the REF10 NANO is exactly the right product for the current market situation." - Christian Peters, CEO MUTECH

Using a reference master clock such as the affordable REF10 NANO can significantly improve the sound of a digital audio setup. This applies to the audiophile listener at home as well as to the mastering/recording engineer in a professional A/V studio

environment. Including the REF10 NANO in a digital audio system results in higher transparency, more clearly defined bass, darker background, better instrument staging and extended imaging.

The REF10 NANO can be directly connected to up to four 10 MHz-compatible devices. D/A converter, network switches, re-clocker, clock generator, CD player, server or streamer are perfect partners. In case these components do not have a dedicated 10 MHz input, an MC3+ or MC3+ USB interface from MUTEC provides the necessary interconnection between the REF10 NANO and the audio equipment to be synchronized.

- Audiophile 10 MHz reference master clock with extra low phase noise
- Improves and enhances compatible D/A-converters, re-clockers, music servers, network switches, streamers, CD players
- Handcrafted extra low phase noise OCXO Made in Germany
- Generates a very high slew-rate square wave signal
- Four simultaneous usable reference clock outputs with 50 ohms (2x) and 75 ohms (2x) impedance
- Galvanic isolation of the independently switchable BNC clock outputs
- Sub-Hz optimized, lowest noise power supplies
- Integrated international power supply
- DC input for finetuning through an external power supply unit
- Developed and manufactured in Germany

The MUTEC REF10 NANO is available with either a black or silver front panel. The recommended retail price in Germany is €1,999. This MUTEC latest product is available immediately from authorised dealers.

[www.mutec-net.com](http://www.mutec-net.com)