

IK Multimedia iLoud MTM - Studijski monitor

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IK Multimedia iLoud MTM - Studijski monitor High-resolution compact studio monitor

Your music as you've never heard before

IK's iLoud Micro Monitors stunned an industry. Producers and engineers at every level marveled at the performance coming from such a small setup, so IK challenged our team to push its concept even further - to design a new compact speaker to rival 5", 6" and even 8" monitors.

The result is iLoud MTM, and it changes everything about the sound, accuracy and convenience of reference monitors in today's modern studio.

Once you hear iLoud MTM, you'll find it hard to ever go back to traditional big-box speakers.

iLoud MTM offers:

Ultra-flat frequency response

Phase-coherent sound

Extended, controlled low end

Superior sound at short distances

Perfect for desks and small spaces

ARC self-calibration adjusts to any room

DSP-controlled for superior performance

100W RMS total power per speaker

40 Hz to 24 kHz frequency response

0° - 20° tilting stand for ideal positioning

Reference-class, ultra-linear response

The first job of any studio monitor is to deliver accurate, uncolored sound so you can trust your mixing decisions will translate across multiple playback systems. iLoud MTM uses the most advanced DSP techniques to provide total control over the speakers' performance, delivering results simply not obtainable with traditional analog designs.

Highs are neutral and defined, mids are clear and balanced, and lows are as balanced as ever. You can mix for hours with no ear fatigue, and the work you create will translate better than ever. And of course it's loud, with 100W RMS total power per speaker and 103dB SPL maximum sound pressure, delivering the proven volume the iLoud brand is known for.

Extended low-end to rival larger systems

iLoud Micro Monitor wowed the world with the bass performance it delivered from a 3" speaker that "defied physics". But iLoud MTM offers even more, with even bass response down to an astonishing 40Hz ideal for modern music styles.

iLoud MTM debuts IK's new patent-pending Physical Response Linearization (PRL™) system, that uses a precise model of the enclosure's design, construction and materials, combined with electro-mechanical measurements of the real units, to correct the system's performance in real time. The result is a stunningly "firm," balanced and defined low end, to surpass the sound of speakers even twice iLoud MTM's size.

Deep bass is solid and firm - you won't believe sound like this comes from a monitor so small.

A new phase in accurate sound reproduction

Most conventional studio monitors, even high-end designs, suffer from skewed phase response caused by traditional, phase-shifting crossovers and driver/enclosure phase alterations. The end result is an unfocused stereo image, blurry transients, and overall lack of detail. iLoud MTM leverages IK's two decades of DSP experience to offer a true phase-coherent response across the useful frequency spectrum, for unbelievably realistic, natural sound like you've never heard.

You'll hear instruments and dialogue as if it's happening live, discover more detail in your tracks than ever before, and stop wasting hours trying to EQ away issues with your mixes that were never really there. This linear-phase response is rarely found in speakers even several times iLoud MTM's price, and has to be heard to be appreciated.

iLoud MTM Phase Coherent

IR COMP

Symmetrical MTM design for superior imaging and precision

iLoud MTM uses a midrange-tweeter-midrange symmetrical design, with a pair of 3.5" high performance woofers and one 1" high definition, back-chamber loaded tweeter, which provides ultra precise, defined, point source sound that can't be achieved by traditional 2-way systems at close distances. This means an even more natural, life-like sound, where the speakers "disappear" and you can focus on the music. It also minimizes the ear fatigue caused by traditional 2- or 3-way designs, where different frequencies arrive at your ear at different times. So you can mix longer, with less effort.

iLoud MTM's design also offers exceptional sound dispersion, enhancing the transparency and neutrality of what you hear.

The controlled dispersion minimizes the impact of room acoustics, for even truer monitoring.

iLoud MTM point source behaviour and controlled vertical dispersion

The end result is faster, easier mixing with better results.

On top of that this innovative design keeps the monitor dimensions to a minimum, 30 to 50% smaller than comparable features monitors, letting you set them up even in the smallest spaces.

Instantly adjust to any room environment

Today's studios can be anywhere, from acoustician-designed spaces to a spare bedroom. Too many speaker manufacturers keep designing for ideal acoustic environments, ideal positioning and large listening distances. But many musicians simply don't have that luxury.

iLoud MTM offers built-in acoustic self-calibration via the included ARC™ reference microphone, to automatically adjust the frequency response to its placement. Just set up the monitors, put the microphone in your preferred listening position, press a button and you'll instantly have a custom calibration for the sweet spot of your listening environment.

Plus of course you can adjust low-frequency extension and trim the LF and HF response to your taste.

With iLoud MTM, you can be confident your monitoring is optimized for your room's acoustics, so your mixes will translate better.

Adjust your angle in any situation

It's often overlooked – your studio monitors' tweeters need to point at your ears. This is even more critical in modern studios where more and more musicians are using them at very close distances, like on a desktop beside their laptop or computer screen.

iLoud MTM includes a tilting mount that not only helps isolate it, but also angles from 0° to 20° for correct positioning in a wide range of setups. That's higher than most other "tilting" monitors, that too often can't actually reach the needed angle for a desktop or other close-listening setup.

iLoud MTM also includes a rubber base for horizontal placement, and a bottom thread to mount conveniently on mic stands, for more installation options.

Combined with their symmetrical design and phase-coherent response, iLoud MTM allows for ultra-focused and accurate monitoring anywhere.

Also available in White

In addition to the original black finish, the iLoud MTM is also available in a modern white finish. You can select the color choice that best matches your home or studio set up.

Superior monitoring, superior metering

iLoud MTM also gives you the T-RackS 5 Metering Suite for free upon registration. This broadcast-ready suite provides you with precision Peak, RMS and Dynamic Range meters, spectrogram, real-time analyzer, phase and correlation meters and more. It's a couple set of tools to manage all the aspects of your audio material with reference-class accuracy. This convenient plug-in can be inserted on your master bus or any single track so your metering is as professional as your monitoring.

Digitally-controlled for precision audio

iLoud MTM uses audiophile-grade high resolution algorithms and the top-of-the line A/D converters to carefully manage cross-overs, filtering, time alignment, equalization, dynamics control and auto-calibration. Totally DSP-controlled and precision time-aligned, iLoud MTM also manages the off-axis response to manage the effects of room reverberations.

The product of IK's 20+ years' experience in digital signal processing, the advanced processing onboard helps iLoud MTM deliver sound far beyond anything in its size or class.

In the bag

To take your iLoud MTMs on the road, whether it's moving between studios or to use in a hotel or tour bus, you can order the iLoud MTM Travel Bag. It's a durable, 100% polyester case featuring a stitched-in iLoud MTM logo, adjustable straps and a zippered pouch for tiltable isolation bases, horizontal bases, cables and other small items.

Accommodates 2 monitors.

Size: 14.5" (37cm) x 11.8" (30cm) x 7.8" (20cm)

Features

MTM design for accurate sound focus and superior sound dispersion

2 x 3.5" high performance woofers + 1" back-chamber loaded tweeter

100W 2-way bi-amped speaker with class D amplifiers

103dB max SPL @1 m

40 Hz - 24 kHz frequency response

Coherent phase response within +/- 15° from 200 Hz to 24 kHz

¼" / XLR Combo input, -10dBv or +4dBu selectable sensitivity

EQ controls: LF extension, LF boost/cut, HF boost/cut

Automatic environment calibration with included ARC™ measurement microphone

Compact dimensions for easy positioning even in the smallest place

Multiple positioning with included 20° tiltable isolation base, horizontal base, and built-in mic stand thread

iLoud MTM - Award