Innosonix µMA04/M



Innosonix has officially expanded its Micro Maxx lineup with the introduction of the µMA04/M, a compact yet powerful four-channel amplifier designed for modern audio installations that demand flexibility, performance, and efficiency. Positioned as a mains-powered counterpart to the PoE-based µMA04/POE, the µMA04/M brings the company’s renowned DSP platform into a more traditional deployment model, without sacrificing capability or control.

Despite its small footprint, the µMA04/M delivers 120W per channel at both 4O and 8O, with the ability to bridge channels for 240W at 8O. This makes it suitable for a wide range of applications, from standalone installations to scalable multi-channel systems. Its physical design also prioritises installation efficiency. Using an optional rack-mount kit, integrators can install up to three units in a single 1U rack space, enabling up to 12 channels of amplification in just 1U. At the core of the µMA04/M is Innosonix’s established DSP engine, bringing the full feature set of the Maxx Series into a compact device.

Key capabilities include:

- 32-point EQ
- FIR filtering per output
- Independent limiting
- Auto standby mode
- Built-in analyser tools

These features allow precise control over audio performance while reducing the need for external processing hardware. One of the standout innovations in the Micro Maxx series is Flexible Audio over IP (AoIP). Rather than locking users into a single

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protocol, the µMA04/M allows integrators to select their preferred AoIP solution. The unit supports Dante by default, with alternative protocols available on request. This approach simplifies system design and ensures compatibility across a wide range of networked audio environments.

Unlike its PoE sibling, the µMA04/M uses a mains-powered architecture, offering several practical advantages:

- No need for PoE switches or power budgeting
- Consistent output without network limitations
- Easier integration into existing AV racks and electrical systems
- Simplified troubleshooting by separating power and network infrastructure

This makes it particularly appealing for integrators working within conventional AV workflows or upgrading legacy systems.

The amplifier integrates seamlessly with Innosonix’s Maxx Remote platform, enabling:

- Real-time system monitoring
- Remote configuration and troubleshooting
- Centralised control across multiple devices

Additional diagnostic tools such as speaker detection, impedance measurement, and phase analysis help streamline installation and maintenance, especially in large-scale deployments. The µMA04/M is engineered for 24/7 operation, making it suitable for mission-critical environments where stability is essential. Its design emphasises consistent power delivery, long-term reliability, and reduced downtime through proactive system monitoring.

With the µMA04/M, Innosonix bridges the gap between traditional AV infrastructure and modern, networked audio systems. By combining a familiar mains-powered design with advanced DSP and flexible AoIP capabilities, the company delivers a solution that is both accessible and future-ready. As part of the evolving Micro Maxx family, the µMA04/M demonstrates that high-performance audio no longer requires large, complex hardware, just smarter design.

For customers in the UK, 2B Heard is the exclusive distributor for Innosonix products, including the µMA04/M.

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