

# 12Mic-D

Network-Ready Microphone Preamp  
with Dante®, ADAT & MADI





# Dante Connectivity meets RME Reliability

The RME 12Mic-D features twelve microphone and line level inputs with digital, no-compromise, studio-quality conversion; remote controllable gains; integrated MADI and Dante connectivity; plus a multitude of additional functionality, designed to make it the perfect companion for all kind of professional application fields.



## Twelve transparent mic preamps for exceptional conversion performance

The PAD-free microphone input stages have a 75 dB gain range and accept signals of up to +18 dBu. On the converter side, the 12Mic-D shines with an outstanding signal-to-noise ratio on all channels. All twelve front-facing XLR connections accept microphone and line level signals, whilst the first four connections also accept TRS connectors, with switchable high impedance (Hi-Z) for instruments.

## MADI & ADAT for maximum flexibility

Both coaxial and optical (via an SFP module) MADI I/O is available for independent or redundant operation, and can be used for daisy chaining, merging and converting MADI signals at incredibly low latency.

Three optical ADAT outputs provide up to 24 channels of audio at single speed (for example, a combination of microphone inputs, MADI signals and Dante signals), or 12 output channels at 96 kHz sampling rate, ensuring compatibility with a wide range of audio interfaces. Additionally, the ADAT ports can also be used to send monitor mixes from Dante or MADI inputs to existing DACs/headphone amps.

## Plug'n'play - rapid user interaction

Control all device settings directly from the front panel with an encoder and buttons for convenient, direct access to all features. RME network audio devices can also be **fully remote controlled via a web-interface** on any network link (including wirelessly over Wi-Fi), allowing for the rapid creation of gain groups, phantom power switching, and routing of signals to headphones for monitoring.

The built-in routing matrix allows for quick routing of any analog inputs straight to the headphone output, as well as all digital signals. As such, problem-solving of signals, clocking, connectivity or other issues is both simple and straight-forward!

The intuitive operating concept with display allows users to check and configure all 12 analog channels directly on the unit, individually and in groups.

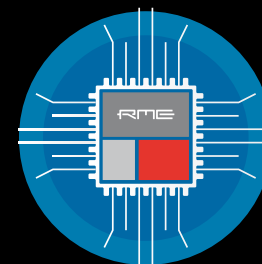
**Never miss a Show** - Multiple layers of redundancy make the 12Mic-D a perfect companion for any kind of live sound application.

**2x Power Supply**  
AC and 12V DC

**2x MADI Ports**  
Coaxial & Optical (optional)

**2x RJ45 Ports**  
for Dante Networks

**Single-mode or multi-mode MADI integration**  
The MADI SFP can be equipped with a single mode transceiver, allowing the device to be easily integrated into any broadcast infrastructure.



By integrating Audinate's Dante IP Core on a **custom built RME FPGA platform**, RME is not only delivering a highly flexible solution but also gets one step closer to achieving a truly universal Audio Networking experience.

## Connectivity



- 4x XLR-TRS combo inputs (switchable P48 on XLR / Hi-Z on TRS)
- 8x XLR microphone inputs (switchable P48)
- 1x Stereo Phones // 3x ADAT Outputs
- 2 x MADI I/O (separate optical SFP Modul and coaxial BNC, up to 128 Ch.)
- 2 x RJ45 for Dante network connectivity (up to 64 x 64 channels)
- Word Clock I/O (BNC) // USB 2.0 (for remote control and firmware updates)





Dante® is a registered trademark of Audinate Pty Ltd.

# 12Mic-D

12-channel digitally controlled microphone preamplifier with no-compromise A/D conversion, featuring MADI, ADAT & Dante interface with up to 64 x 64 channels.



All information in this document is subject to change without notice. Images are shown for illustration purposes only.

More Information:

**audio ag**

Am Pfanderling 60  
85778 Haimhausen, Germany

Phone: +49 (0) 8133 91 81-0  
Fax: +49 (0) 8133 91 81-79  
E-Mail: [info@audioag.com](mailto:info@audioag.com)

[www.rme-audio.com](http://www.rme-audio.com)