



RME DMC-842 M


How to record 64 digital microphones simultaneously? All over MADI.


Client

Galaxy Studios is a music recording, mixing, mastering and postproduction facility established in Mol, Belgium. It is also the home of outstanding 3D audio technology Auro 3D. With various music and film productions, Galaxy Studios stand for world class technology of advanced sound recording. The facility is known for creative film & music professionals.

Target

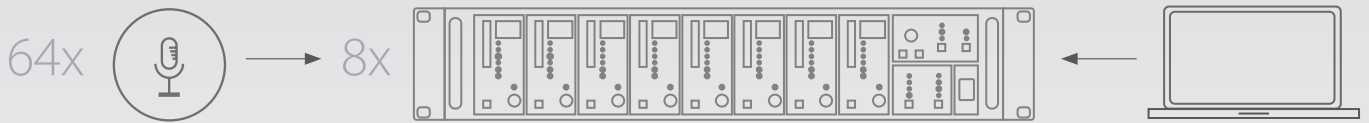
For a new recording project, Galaxy Studios started a collaboration with Sennheiser / Neumann and RME. With two recording studios and two control rooms, they built enough space for a 70-piece Philharmonic Orchestra and a large number of singers. It took a lot of technical and logistical preparation to successfully master the three days in this professional studio environment. All audio content was recorded simultaneously with analog and digital microphones. Because of the specific character of the recordings, two separate control rooms were used.

- ▶ **Project / Client**
CD recording for the musical „14-18“ by Chief Scoring Engineer and Tonmeister Patrick Lemmens at Galaxy Studios, Belgium (03/2014)
- ▶ **Target**
Recording of 64 remote controllable AES42 mics in one MADI stream
- ▶ **Solution**
Usage of 8 RME DMC-842 M digital microphone preamps
- ▶ **Benefits**
Complete digital control at any time
No analog audio paths
- ▶ **Partner**






<http://www.galaxystudios.com/about-us>



AES42-Recording with RME's DMC-842 M at Galaxy Studios, Belgium

Solution

For recording with the analog microphones a NEVE 88D console was used, while 8 RME DMC-842 M were used to control the digital microphones, to convert the AES42 signals to MADI and to deliver combined MADI streams for the recording in ProTools. For monitoring purposes, Galaxy Studios used an API console. In total 76 digital microphones were used for this production.

The RME DMC-842 M is both: a 8-channel AES42 to MADI converter and a controller for digital microphones. The unique device allows connection and control of up to 8 digital microphones and converting their signals to ADAT, AES/EBU, analog and MADI (optional). Eight individually switchable hi-end sample rate converters (SRC) offer a flexible clocking and further usage options, especially as the inputs are fully AES/EBU (AES3) compatible, too.

The „14-18“ CD album was released on April, 20th, and is also available on iTunes.

Additional information:

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