



AES67 via Software Upgrade

The **AES67** transmission standard has been integrated into the **MAGIC TH2plus**, **MAGIC TH6** and **MAGIC THipPro Telephone Hybrids**, further products like **MAGIC ACip3** as well as all new **MAGIC DAB/DAB+ Audio Encoders** will follow.

The functionality is provided by a fee-based software upgrade. No hardware adjustment is required.

MAGIC TH2plus provides **four** and MAGIC TH6 and MAGIC THipPro **eight** audio channels after the upgrade. Of course, the existing audio interfaces can still be used.

The big advantage of AES67, however, is that it is the lowest common denominator of several similar technologies and therefore guarantees communication between e.g. AES67-compatible **RAVENNA** and **DANTE** devices. The implementation has already been tested with various AES67-enabled systems from DANTE, DHD, LAWO, GENELEC and MERGING.

Answering Machine

The **MAGIC THipPro's** answering machine has been further developed and has now a full recording functionality for voice mails. The function is available free of charge in the newest release but requires the **Pretalk Streaming** option.

As a preview we also introduce the brand-new **MAGIC THipPro VMS** voice mail system, which enables the recording of up to 16 callers simultaneously in best quality.

VoIP Intercom Gateway

The new **MAGIC THipPro Intercom** System is a DSP-based gateway, available with **8 or 16 VoIP lines** and can be extended to up to 10 systems with 160 voice channels managed in one graphical user interface.

Intro / Data Privacy Query (DPQ)

With the **DPQ** function, calls to the **MAGIC THipPro** can be accepted automatically and a pre-recorded announcement played back. The integrated automated workflow enables a caller to decide via DTMF tone whether the personal data of the caller may or may not be used according to the **GDPR** regulation.

DAB/DAB+ Headend

Our smallest DSP-based **MAGIC DABMUX Go** Ensemble Multiplexer, which has been in operation at Hessen Digital Radio for the first time since 2018 and is now used in many other ensembles, has now been updated.

As the latest feature, our smallest ensemble multiplexer now supports all **announcements** and features an integrated **NPAD inserter** for SLS and TPEG.

As sneak peek we present the new **MAGIC DABMUX plus** Ensemble Multiplexer for the first time in action. The system will be available from the 3rd quarter of this year and has additional network interfaces and future-proof DSP performance for all upcoming DAB networks.

Our DAB/DAB+ encoder family has been extended by the new **MAGIC AE4 DAB/DAB+ Audio Encoder**. The system has one encoder as default. Three additional encoders can be enabled via a software upgrade so that **four** DAB/DAB+ encoders can be used in one U. Each encoder has its own **PAD inserter** for DLS and SLS. The configuration is done via a comfortable HTML5 web interface.