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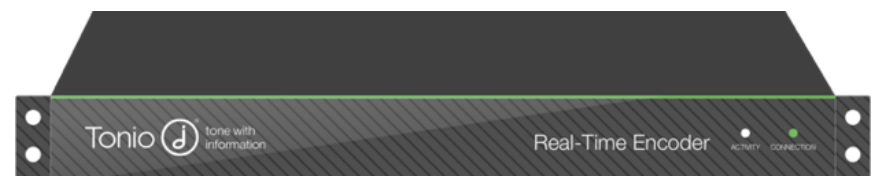
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Audio marking hardware
for live broadcasts in real time



Real Time Audio Marker Hardware Specifications

Tonio | Tone with information

Audio marking hardware for live broadcasts in real time

We have perfected the art of audio marking drawing upon many years of experience developing broadcast systems. Our high quality and reliable devices automatically add customized audio markers to the continuous output of radio stations and TV channels.

Our Real Time Audio Markers (RTAMs) are designed for smooth integration into the transmission chain, enabling maximum efficiency with minimal effort and a reliable result.

The Tonio RTAM can be configured to continuously insert Channel ID and date/time encodings 24 hours a day with no downtime, making it ideal for measuring program reach.

The user friendly web-based content management system allows you to place inaudible trigger codes in the linear signal at the click of a button. This allows the editor of a program to preset when should be displayed to viewers on their smartphones, down to the frame.

Our RTAMs allow radio stations and TV broadcasters to encode their broadcast signal 24/7/365 without risk of transmission interruption and with an absolute minimum of maintenance. We offer comprehensive support and installation service to our customers.

The RTAM housing contains a Linux-based encoding card manager system with a secure web interface, two redundant power supplies, and six slots for the encoding cards.

Each RTAM is a 19-inch rack-mounted device that can hold up to six separate encoding cards, enabling the transmitter to encode up to six radio stations or television channels in stereo or Dolby 5.1.

Audio/Video Marking Capabilities:

- Secure web interface for configuration and live control
- Automatic, uninterrupted failover for direct pass-through
- NTP server synchronization
- SNMP compatible
- 3 ms transmission signal delay

Video inputs / outputs:

HD Serial Digital Video

- SMPTE 292M (1485 Gbps)
- 1080p at 23.98 / 24/25 / 29.97 / 30 fps
- 1080i at 50 / 59.94 / 60 fps
- 720p at 50 / 59.94 / 60 fps

Serial SD Video

- SMPTE 259M (270Mbps)
- PAL 720 x 576 x 50i
- NTSC 720 x 486 x 59.94i

General:

Weight: 7 kg | Main Supply Voltage: 90-250V, 50-60Hz

Dimensions: 48.26cm x XXcm x XXcm
