

ReDAT

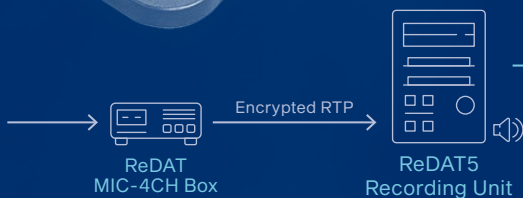
ReDAT MIC-4CH Box

Recording of communication from connected microphones at counters for customer service and at workplaces for control of technological and transport processes

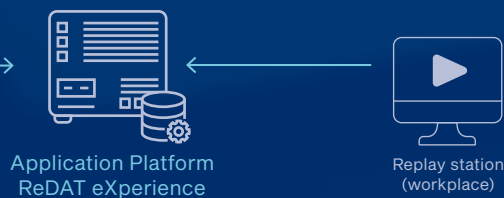


MICROPHONE RECORDING

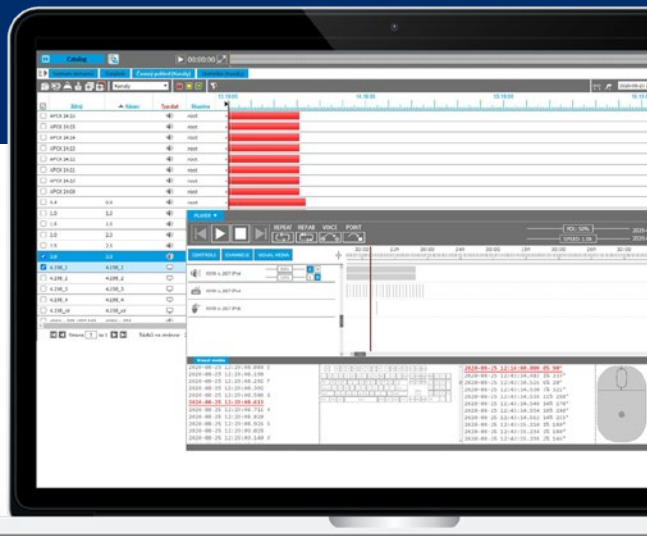
Recordings from ambient microphones can be used in addition to recordings of other technologies, such as telephone and radio communication lines, control terminal screens and other data sources. Records from ambient microphones help document and evaluate critical situations and thus contribute to increasing the safety and productivity of management processes.



ReDAT MIC-4CH Box is equipped with four XLR type connectors with the possibility of supplying a 48 V power supply for condenser type microphones (phantom power supply). So it records up to four microphones simultaneously. The recording mode is either permanent or switched when the set level of voice activity is reached. The extent of the recording space can be affected by a combination of the sensitivity/trigger level set in the microphone input channel and the directional characteristics of the microphone in use.



Within the ReDAT eXperience application platform, it is possible to perform other operations with records, such as: search, filtering, export, etc.



PLAYBACK

Recordings from microphones can be reproduced, for example, using the ReDAT eXperience application platform, either separately or in time synchronously with other types of data (eg: audio from telephone or radio means of communication, video recordings of workstation screens, text data of datalink recordings, etc.).

TECHNICAL PARAMETERS

- A-Law 128 audio format (16 kHz sampling).
- Support for TCP / IP, SRTP protocols.
- Software equipment - firmware MIC-4CH is stored on a micro SD card. The complete configuration of the box is also stored on the micro SD card. The ReDAT MIC-4CH Box is not equipped with any other non-volatile memory. Firmware update, event. configuration change is possible by simply replacing the micro SD card.
- Inputs 4x microphone - XLR connector, optional phantom power 48V.
- Dimensions (H x W x D) 45 x 130 x 130 mm.
- Weight 0.7 kg.
- IPv6 support.
- PoE power supply according to IEEE 802.3af / 802.3at (48 V). Max current consumption 200 mA. Power consumption: max 10 W, typically 6.5 W.

- Operating temperature 0 ° C to + 40 ° C.
- Storage temperature -10 ° C to + 60 ° C.
- Optical indication of the unit status (MIC-4CH box) by means of LED diodes.
- Status diagnostics via ReDAT eXperience (Monitoring, Audit):
 - Monitoring the load of the recording channel, including the status of channel disconnection.
 - Possibility of live listening and listening from the recording.

ReDAT Recording Systems, a business division of RETIA, a.s., which provides a sophisticated system for recording voice, screen and other relevant data. The system automatically analyzes the data to make it available to system users in a clear and structured way.

RETIA, a.s. is a Czech company based in Pardubice, founded in 1993. It develops, manufactures and modernizes radars, command and control systems, UWB localization and communication systems and ReDAT Recording Systems.