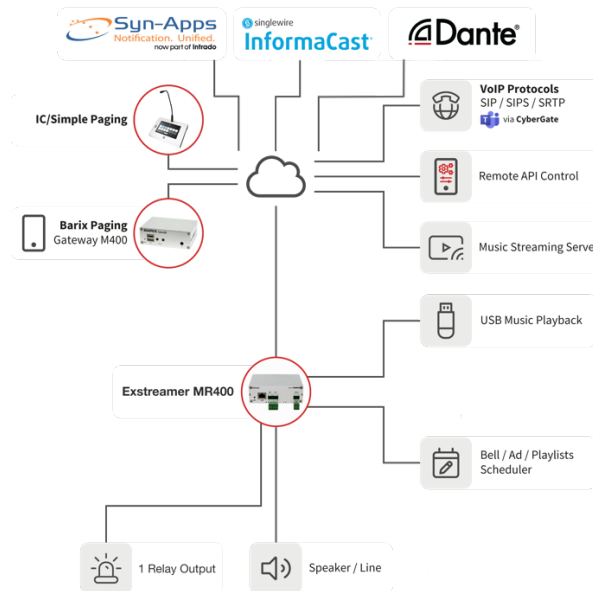


Exstreamer MR400

Multiformat IP Audio Decoder with amplified/line audio output and relay closure.



The Exstreamer MR400 is a versatile Audio over IP decoder designed to serve as an end point between IP based solutions (VoIP/SIP or streaming) and traditional paging systems, speakers or an amplifier.. A wide variety of audio environments, such as Dante®, SIP, InformaCast and Syn-Apps are supported. Codecs include PCM, AACplus, MP3, OPUS, G.711, G.722 that can be streamed using HTTP and RTP. Audio files can be stored on the internal memory and their playback can be triggered via a simple UDP command. Thanks to the priority handler, the Exstreamer MR400 can be configured to switch between sources according to one of the five priority settings and therefore eliminates the need for an audio matrix device. The MR400 is a solid metal device, compact and easily installed. Besides offering a dual mono audio output it provides a relay closure controlled via audio presence or via RESTful API. The configuration of the device is done via the local web interface.



Applications

- SIP and IP Paging / Notification
- Background music
- Emergency triggered message playout
- Dante® support - requires extra license
- Singlewire InformaCast integration
- Syn-Apps Revolution integration
- MS Teams endpoint via CyberGate service

Features

- 1/8" (3.5mm) Line Out
- BTL (Bridge Tied Load) 1W on 8 ohm audio out
- NO/NC relay output (30V 0.5A)
- Low consumption, powered with 24VDC
- Singlewire certified
- Multi-level message priority
- AACplus, MP3, G.711, G.722 over RTP
- SIP VoIP endpoint support
- Storage of local audio files for triggered playout

Technical Specifications

CPU / Memory

- Barix IPAM400 Processor Module
- Quad-Core ARM Cortex™ -A7
- 256 MB DDR3 SDRAM
- 16 MB SPI Flash

Operating System

- Embedded Linux based on Yocto

Power interface

- 24 VDC, 10W max (no load connected to relay) on detach. screw terminal block

Network Interface

- 10/100Mbps auto-sensing
- RJ-45 connector with integrated Link /Activity LED
- IPv4/IPv6 capable

Protocols

- TCP/IP, HTTP(S), UDP, (S)RTP, SIP(S), DHCP, Multicast capable
- Dante ® Support - Requires extra license
- Singlewire InformaCast compatibility - requires extra license
- SynApps Revolution compatibility

USB Interface

- 2x USB 2.0 type A interfaces

Discrete I/O

- On detach. screw terminal block:
- 1x relay 30V 0.5A with NO/NC connections

Audio Output Interfaces

- On detach. screw terminal block:
- BTL Audio output (mono), suitable to drive a speaker or a symmetric input (exclusive output). Speaker: 1W @8ohms
- Line out: symmetric, non-isolated, with DC offset. volume level software controlled
- 3.5mm (1/8") line output

Decoding Audio formats

- FDX/HDX SIP client support
- Large variety of codecs can be supported: MP3, PCM, G.711, G.722, AAC+, OPUS

User Interface

- Web interface for configuration
- 2 x Multicolor LED Status indicators
- Reset & Factory Defaults Button

Mechanical

- Aluminum case, 265 g
- Dimensions 108 x 38 x 78.7mm (4.25 x 1.5 x 3.1 inch) rack and wall mountable using accessories

Warranty

- Two years

Environmental

Operating Environment

0 to +50°C / 32 to 122°F

0 - 70% relative humidity, non-condensing

Storage Conditions

-20 to +70°C / -4 to 158°F

0 - 70% relative humidity, non-condensing

Ordering Information

2023_9418P Exstreamer MR400 Package

2023_9431P Exstreamer MR400 InformaCast

2023_9432P Exstreamer MR400 Dante®

2023_9433P Exstreamer MR400 Dante® + InformaCast

Accessories

2011.5032 Accessories Power supply 24VDC

2006.9072 Accessories Wall mount bracket

2007.9082 Accessories 19" Rack mount

Certifications

CE, RoHS, FC

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Direct Link



For commercial related questions (distributors contacts, price list, business opportunities) please contact: sales@barix.com



For technical inquiries (problem reports, request for documentation, etc.) please contact: support@barix.com