

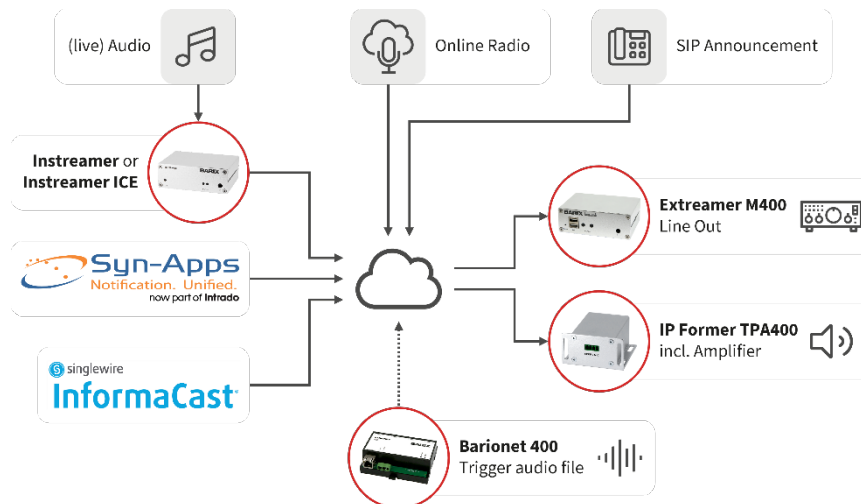
BARIX

Exstreamer M400

Multiformat IP Audio Decoder.



The Exstreamer M400 feeds your PA and turns it into a extensive Audio over IP system. A wide variety of audio environments, such as 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 M400 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 M400 is a solid metal device, compact and easily installed. It is connected to your amplifier, DSP or audio mixer via a stereo output on RCA connectors. The configuration of the device is done via the local web interface.



Applications

- SIP and IP Paging / Notification
- Background music
- Emergency triggered message playout
- Singlewire InformaCast integration
- Syn-Apps Revolution integration

Features

- L-R Line Out on RCA Connectors (unbalanced)
- 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

Operation System

- Embedded Linux based on Yocto

Network Interfaces

- 1 x Ethernet (RJ45) Interface
- IPv4, IPv6 capable
- 10/100 fdx/hdx, auto negotiation

Protocols

- TCP/IP, UDP, RTP, SRTP SIP, SIPS, HTTP, HTTPS, DHCP, mDNS/DNS-SD (Avahi), NTP
- Singlewire InformaCast compatibility
- Syn-Apps Revolution compatibility

CPU / Memory

- Barix IPAM400 Processor Module
- Quad-Core ARM Cortex™ -A7
- 2GB DDR3 SDRAM
- 16MB SPI Flash
- 8GB SD-Card Flash

Audio Formats

- MP3 CBR/VBR, up to 320 kbps, 8..48 kHz sample freq.
- AAC-HE (AAC, AAC plus, AAC plus V2)
- PCM linear 16bit @44.1 kHz
- G.711
- Opus, WAV, OGG Vorbis

RS-232 Interface

- Serial Port

Audio Interface

- unbalanced L-R Line level output on RCA connectors
- Headphone connector on the front panel

User Interface

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

Power Requirements

- 5VDC, 10W maximum on 6.5x1.5mm barrel connector (positive polarity)

MTBF

- > 200'000h

Measurement

- 108x38x78.7mm (4.25x1.5x3.1 inch)

Weight

- 250g

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

Certifications

CE, RoHS, FCC

Ordering Information

2020.9291 Exstreamer M400 EU (incl. Syn-Apps)

2020.9292 Exstreamer M400 US (incl. Syn-Apps)

2020.9293 Exstreamer M400 UK (incl. Syn-Apps)

2020.9294 Exstreamer M400 NoPSU (incl. Syn-Apps)

2020.9295 Exstreamer M400 InformaCast EU

2020.9296 Exstreamer M400 InformaCast US

2020.9297 Exstreamer M400 InformaCast UK

2020.9298 Exstreamer M400 InformaCast NoPSU



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

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