Exstreamer M400

Multiformat IP Audio Decoder.

The Exstreamer M400 feeds your PA and turns it into an 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
• 256MB 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

Power Requirements
• 5VDC, 10W maximum on 5.5x2.1mm barrel connector (inner positive)

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

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