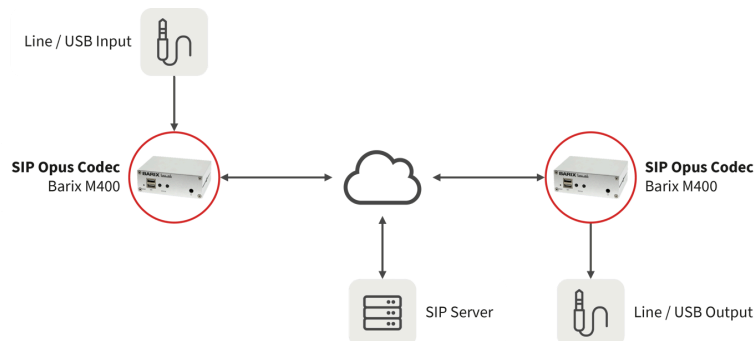


M400 SIP Opus Enc/Dec

Stereo Opus encoding and decoding with SIP link negotiation.
Analog and USB audio I/O. G.711 and G.722 support.



The BARIX M400 SIP Opus Encoder/Decoder allows to establish a link between devices using standard SIP protocol in peer-to-peer mode or through a SIP server. The unit provides an Opus encoded stereo link with line audio input or output. It also supports USB sound devices. Other common VoIP codecs including G.711 and G.722 are supported. This makes the BARIX M400 SIP Opus Encoder/Decoder the ideal product for high quality audio distribution or contribution in a SIP based environment.



Applications

- Live audio codec for sports or event contribution
- SIP based Studio to Studio Link
- SIP based Studio to Transmitter link

Features

- Stereo Opus, G.711, G.722 encoding and decoding
- Line level input/output
- USB sound card support
- SNMP support (v2)

Technical Specifications

Electrical

- External power adaptor, 100-240VAC, 10W
- Male connector: 5,5 x 2,1 mm

Ethernet

- 10/100Mbps auto rate, full/half duplex

- RJ-45 connector with integrated Link/Activity

Audio Input/Output

- Stereo RCA / cinch connectors

Headphone output

- Female Jack 3.5 mm

USB

- Double USB connector type A female. USB sound card support for audio I/O (see list of tested devices in Firmware Release Note V1.3.3)

RS-232

- For serial TCP gateway

Mechanical

- Aluminum case, 280g Dimensions 108 x 38 x 78.7 mm (4.25 x 1.5 x 3.1" inch)
- rack and wall mountable using optional accessories
- MTBF
- min. 500 000h (according to MIL217F at 25°C)

Warranty

- Two years warranty

MTBF

- 22 years

Audio Input (stereo)

- 2kΩ input impedance 3.9 VPP max, adjustable in sensitivity
- Frequency response 20 Hz .. 18 kHz (-3dB)*
Dynamic range 87 dB, SNR -87 dB, THD <0.1% (-3 dBFS)*

Analog Line Output (stereo)

- Full scale output voltage: 5.7 dBu, 4.2 VPP,
- Frequency response 30 Hz .. 18 kHz (-3dB)* Dynamic range 88 dB, SNR -88 dB, THD <0.1% (-3dBFS)*

Supported Audio formats

- OPUS
- G.711 (alaw ulaw)
- G.722
- GSM
- iLBC
- Speex

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

2019.9263 M400 SIP Opus Enc/Dec EU
2019.9264 M400 SIP Opus Enc/Dec US
2019.9265 M400 SIP Opus Enc/Dec UK
2019.9266 M400 SIP Opus Enc/Dec
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

Barix AG

Limmatstrasse 21, 8005 Zürich, Switzerland
Phone: +41 434 33 22 11
www.barix.com



