



EBS - FXO

4, 8 or 12 analog line external board for Soft PBX



front



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- **Models:**

EBS-FXO 40, with 4 FXO interfaces

EBS-FXO 80, with 8 FXO interfaces

EBS-FXO 120, with 12 FXO interfaces

- **Dimensions in mm:**

44.5 (height) x 220.5 (width) x 280 (length)

EBS-FXO was developed for applications using open source software and requiring analogical intersection. This board can be used in applications such as IP PBX, Gateways, Audible answer Unit (URA), Telemarketing, Voice Mail, Conference Machine, Help desk etc.

Voice resources, such as: inbox detection, DTMF and AGC detection and suppression, call progress, audio messages playing and recording, fax signal detection, and more, as well as echo blockage are run on the hardware, without consuming processing capability of the host. This strong structure allows the use of EBS-FXO in high density applications using lower processing capability and low cost servers.



As well as EBS product family, EBS-FXO was also developed by Khomp to meet a demand of work expansion, with more channels or different interfaces, without the need to stop the operation for opening the server or worry about the connection bus, ensuring continuity and reliability of the solution.

Together with EBS, Khomp provides drivers for integration with main open source PABX apps, such as Asterisk and FreeSWITCH.

Features and benefits:

- 4, 8 or 12 analogical line interfaces
- 2 Ethernet ports for connecting to server
- Modularity 3 x 4 lines
- Compatible with Asterisk and FreeSWITCH
- It generates 425 Hz, DTMF and beep signals
- Decadic and DTMF dialing detection in all channels simultaneously
- Silence and audio presence detection
- Fax signal detection in all channels simultaneously
- Double answering for blocking calls with reverted charge
- Detection of DTMF signals for caller identifier
- Information about signals and channel status is reported through AMI interface
- Balance for calls between channels with one or more output routes
- It reports polarity reversal
- Line presence detection
- Full commutation between all channels and between modules
- Up to 64ms (512 TAPS) blocking in all channels simultaneously, regardless of other resources
- Echo blocking compatible with ITU-T G165 and G.168 (2000 e 2002) standards, with automatic delay control and convergence during the call
- Echo blockage is effective and has carrier grade, ensuring a clear communication with excellent audio quality
- Line impedance is settable to 900 or 600 Ohms
- RJ11 connectors for connecting the lines
- Standard 1U module and 1/2 rack 19"
- Power Supply AC 110/220V or DC 48V
- Dimensions in mm: 44.5 (height) x 220.5 (width) x 280 (length)
- Weight: 2,67 to 2,79 kg.
- Manufacturer 3 years guarantee

Accessory available for this equipment: [Patch Panel](#)



More Images:



Example of installing multiple EBS standard 1U rack x 19"



Verse EBS-FXO with 4 interfaces



Verse EBS-FXO with 8 interfaces



Verse EBS-FXO with 12 interfaces

