# EBS - FXS 240

## 24 subscriber external board for Soft PBX



*front*

*verse*

- **Model:**

  EBS-FXS 240, with 24 interfaces FXS

- **Dimensions in mm:**

  44,5 (height) x 220,5 (width) x 280 (length)

The EBS-FXS 240 board is a 1U 1/2 rack compact module, developed for serving the applications in the market that use open source software and need an analogical branch interface, appearing as an excellent option for applications such as IP PBX and hybrid call centers systems with VoIP channels and analogical branches.

EBS-FXS board connects branches to module by a Centronics connector of 50 ways and the module-to-server linking is done through Ethernet in local network, isolating the branches potency area from the server inner area.

The EBS-FXS 240 board keeps the standard and quality of Khomp boards family, developing all signaling and audio processing on the hardware itself, independently from application server.

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

## Features and benefits:

- 24 FXS interfaces
- 2 Ethernet ports for connecting to server
- Compatible with Asterisk and FreeSwitch
- Full commutation between all channels and between modules
- Allows integration with FOP (Flash Operator Panel)
- Information about signals and channel status is reported through AMI interface
- Answering detection available via dial plan and AMI interface
- Signaling specific commands available via AGI and AMI interfaces
- Balance for calls between channels with one or more output routes
- Echo blockage with delay of up to 64ms (512 TAPS) in all channels simultaneously, always available, regardless of other resources
- Echo blockage compatible with Standards ITU-T G165 and G.168 (2000 and 2002), 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
- Centronics Connectors for connecting the branches (1 x 50 pins)
- Configurable ring cadences
- It generates 425 Hz, DTMF and beep signals
- DTMF signal detection
- 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: 3,90 kg.
- Manufacturer 3 years guarantee

Accessorie for this model: **Patch Panel**
Khomp patch panels were developed for working together with EBS-FXS 240, EBS-FXOHI, KFXO-240HI and KFXO-160HI, on the conversion of Centronics-type inputs to RJ11 outputs.So, with a patch panel you can convert 1 Centronics input into 24 RJ11 ports (on 24-ports model), or 2 Centronics connectos into 48 RJ11 ports (on 48-ports model).

## More images:

*Example of installing multiple EBS standard 1U rack x 19''*