



**Channel Khomp: README: en**

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## Quick guide

After installing the card in the system and run the installation program for the first time, the drivers and Khomp services will be added at system startup, and automatically loaded.

If your system has at least one E1 trunk card and / or an FXO card, a basic setup screen will be presented at the end of the process, questioning signaling parameters - if there are signs E1 - and/or performing the adjustment cadences - where that FXO cards.

If all these steps were performed successfully, proceed to the item **Using the Khomp channel**. If a problem occurs, see the User Guide, in the section Troubleshooting.

# Using the Khomp channel

After installation and startup services required by Khomp, Asterisk can now be loaded or initialized.

- **WARNING:** It is imperative that the **Asterisk** is executed using the option of scheduling real-time (-p), **especially** if this is running side-by server-side with web servers or database. Failure to do so may result in loss of audio quality, causing a serious commitment on the progress of system connections.

After initialization of Asterisk, you can verify that the module was loaded Khomp through the following command:

```
asterisk-pbx * CLI> show modules
```

There should be a line with the following information:

```
chan_khomp.so Khomp Channel Driver
```

To check if the Asterisk recognize all the cards, type:

```
asterisk-pbx * CLI> khomp summary
```

The output of this command will show details of all cards accepted.

In the case of an E1 card, you can check the status of links with the following command:

```
asterisk-pbx * CLI> show links khomp
```

The state of individual channels, in turn, can be measured with the command:

```
asterisk-pbx * CLI> show channels khomp
```

For more details on the commands of the channel khomp type in the console of Asterisk:

```
asterisk-pbx * CLI> help khomp
```

- **IMPORTANT:** To make full use of your card Khomp, you must configure your dialing rules, either through the `extension.conf` or from an external application by setting specific rules for conduct by receiving connections.  
In the [User Guide](#), information can be found on the format of input contexts (responsible for receiving calls) and on the options available on application Dial (responsible for make calls) that can be used with the channel Khomp, and other special features provided by it.