



## DVX-8050 XStack Gateway

DVX-8050 is a USB channel bank especially designed for D-link DVX9000 PBX systems

DVX-8050 USB channel bank extends the functionality of Asterisk-based IPX systems.

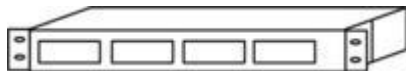
DVX-8050 connects to the Asterisk IP- PBX server via USB 2.0, thus eliminating the need for an intermediating PCI (the solution used by other channel banks).

### Architecture



### Mechanical Design


The internal design of DVX-8050 is modular, offering a wide variety of FXS, FXO, BRI ISDN and I/O port combinations.



#### *DVX-8050 Rack Mount*

Multiple DVX-8050 units may be connected to a single DVX server using different USB 2.0 ports, a USB 2.0 hub

## Telephony

Maximum number of built-in analog ports	32
Maximum number of E1 / T1 ports	16
Maximum number of BRI ISDN ports	8
Maximum number of telephony modules	4
Maximum number of telephony ports	480
	

## Software

DVX-8050 driver has been included as an official part of Zaptel (now DAHDI) since release 1.2.4 (Feb. 2006), DVX-8050 is tested with Debian and CentOS 5.

## Hardware

<i>Echo Cancellation Module</i>	<i>Voice enhancement &amp; echo cancellation (optional)</i>
<i>Analog Lines Fail-over Kit</i>	<i>In case of power outage or an DVX-8050 malfunction, up to six analog PSTN lines are routed directly to predetermined analog extensions (optional and model-specific)</i>
<i>I/O Ports</i>	<i>Input /Output ports for Asterisk peripheral device support (optional and model-specific)</i>

## Environment

Storage temperature	-20° to 70° Celsius (-4°-158° F)
Working temperature	0° to 40° Celsius (32°-104° F)
Humidity	20%-95%, non condensing

## Full and Automatic PBX Redundancy

This optional high availability solution for DVX-9000 series Enterprises PBX systems provides automatic detection of server failure and immediate switching of all telephony functions, including telephony interfaces, to a back-up server within seconds. All DVX-8050 models are capable of supporting Redundancy functionality, which is activated via software license.

