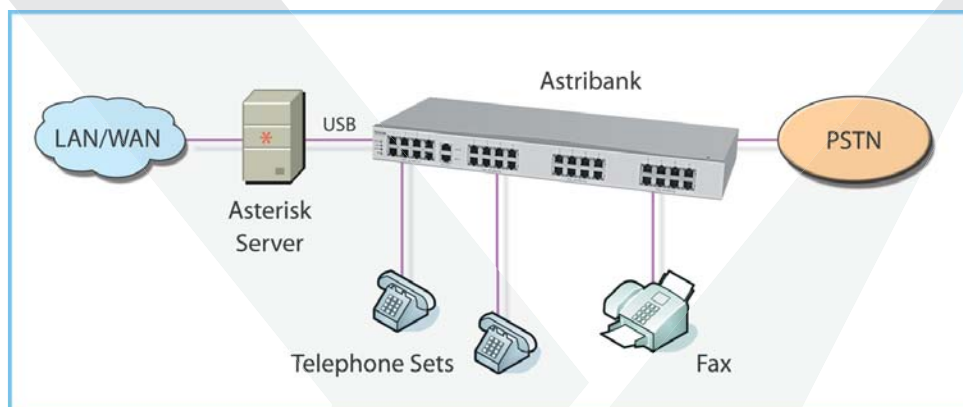




# Astribank™

## The Ultimate Telephony Interface for Asterisk®



- USB channel bank for Asterisk
- Supports FXS, FXO, BRI, PRI and R2
- Native Asterisk - no extra software or hardware required\*
- Input/Output ports for connecting peripheral devices
- From eight ports to hundreds of ports
- Telecom connection option
- Power drive for ISDN phones

Astribank is a versatile and powerful channel bank that was specifically designed for the Asterisk IP-PBX. Astribank supports all the common telephony lines and trunks: FXS, FXO, BRI, PRI and R2. The Astribank driver is a part of the standard Asterisk distribution. With Xorcom Rapid Live CD™, **a fully operational Asterisk server with pre-configured FXS, FXO, BRI, PRI and R2 ports can be up and working in less than 3 minutes!**

The USB 2.0 interface supplied with the Astribank server guarantees a reliable, extremely high bandwidth, hot-pluggable solution that is not dependent on a PRI PCI card. The USB 2.0 plug-and-play connection can support, theoretically, over 3,000 concurrent calls on a single USB 2.0 port. The reliable, industry-standard USB connection eliminates the costly, cumbersome PRI cards that are needed for standard channel bank support, and adds unique features such as reliable fax support, transparent synchronization between Astribank units, an auxiliary system interface, and more.

Astribank is designed to support various sizes of installations, from small up to very large. Comparisons with legacy channel banks, technical information, and white papers are available on our Web site: [www.xorcom.com](http://www.xorcom.com)

\* BRI requires additional free GPL software, supplied by Xorcom.

Asterisk is a registered trademark of Digium, Inc. Astribank is a trademark of Xorcom Ltd.

Astribank's modular architecture is designed to support all standard telephony interfaces: FXS, FXO, ISDN-BRI, ISDN- E1/T1 PRI, and E1 R2.

### **Astribank Chassis**

Each 19" 1U rack-mountable Astribank chassis accommodates up to four modules. Multiple Astribank units may be connected to a single Asterisk IP-PBX using different USB 2.0 ports, a USB 2.0 hub or a USB 2.0 PCI card.

### **Available Modules**

- FXS (8 ports) with I/O ports
- FXO (8 ports)
- BRI (2 ports, 4 ports, and 8 ports)
- PRI (1 port, 2 ports, and 4 ports)
- R2 (1 port, 2 ports, and 4 ports)
- FXS+FXO (6 ports and 2 ports, respectively)\*

*\* This versatile 8-port model is suitable for cost-effective small installations, training and demonstration purposes.*

### **Telecom Connector Option (TCO)**

This option is available in units with 24 or more FXS ports. To streamline installation of multi-port systems, the TCO unites all FXS ports on the Astribank unit into a single telecom connector on the rear panel. All front panel indicators and RJ11 connectors remain active and enable easy monitoring and maintenance. A cable for connecting the telecom connector to the patch-panel is included.

### **Input/Output (I/O) Ports**

Analog units with FXS modules support I/O ports. The two output ports enable activation/deactivation of peripheral devices by dialing an extension number. A popular example of output port usage is to open a door by dialing an extension. The four input ports create an off-hook event in Asterisk. The dial plan can be configured to use this function to dial an extension, play a message, send an email, activate another device using the output ports, etc. Examples of possible input port usage include forwarding a call to specific numbers, and playing a pre-recorded message if the fire/burglar alarm goes off. More information about I/O ports is available in the White Papers section of our Web site: [www.xorcom.com](http://www.xorcom.com).

### **Create an Asterisk PBX in 3 Minutes**

Using Xorcom's Live CD and Astribank you can create a fully-functional, fully configured Asterisk based IP-PBX in just three minutes. Three simple steps will provide you with a system that is ideal for testing various configurations in preparation for your actual implementation:

1. Connect your Astribank(s) to the USB 2.0 port of the computer.
2. Insert the Xorcom Rapid™ Live-CD (can be downloaded from the Xorcom Web site, from the Support/Downloads menu) and restart the computer.
3. The Live CD automatically loads the Linux operating system and the Asterisk environment on the PC. Next, it downloads the firmware to the Astribank, and configures it. When the menu is displayed, your Asterisk and Astribank(s) are running!

For more information about all available Astribank models and configurations visit the "Products" section on our Web site at [www.xorcom.com](http://www.xorcom.com)



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