



IP-PBX - Mint 132MAX/106MIN

All IP products are marketed under the MintTalk umbrella. Look for the MintTalk logo on all IP products distributed by G-Biz Global Business.

Business organizations of all types and communities have realized the importance of telephone and fax communications. Investments have been made in PBX switches to provide local switching and connectivity to remote branch offices. Those enterprises with multi-offices have a need to provide these remote offices with voice and fax facilities without the major expense of installing PBX switches at each location. And leased-line costs to connect the branches are very expensive.

The advent of the Internet opened the door for connecting the branches using packet switching technology. The Internet provides the required "spider web" by which all branches can interconnect either locally, nationally, or globally. There are two trains of thought for bringing the branches into the corporate PBX environment such that the features of a traditional PBX switch would be available to remote users.

One of the technologies offered consists of a Hosted-PBX service where a remote user (a branch office for example) can subscribe to a "giant" server which essentially emulates a PBX – the user has the impression of having a local, dedicated PBX while in fact, it is a "virtual" PBX. The Hosted-PBX service is offered at a price of x-dollars per month, per telephone set.

GBiz Canada offers the user(s) a physical, on-site, IP-PBX that can provide the necessary features required at a remote branch office. To cover the wide range of capacity, varying telephone sets, etc, GBiz offers the **Mint 132MAX** and the scaled-down version, **Mint 106MIX**. These IP-PBX switches offer powerful features, which are essential to Network connectivity. Some of these include integrated routers, DHCP Server, Internet Sharing, Gatekeeper functionality, and others.

The Mint-Series can be extended from the head-office into branch offices by various IP-network connections...leased-line, broadband, satellite, dial-up, and wireless. Mobility is provided. Users can register their phone numbers anywhere using IP to the home office. Users can also select the terminal they wish to use which can be a Laptop, a PDA, a Personal computer, SIP phone, DECT phone, or a standard (no frills) analog phone. Scalability is another major consideration. The Mint-Series can grow to meet future requirements.

Analog and digital – the best of both worlds

The Mint 132MAX IP-PBX provides seamless, transparent switching for local and remote PBX operations and it offers many advantages over "network" based switching.

- Replacement of vintage PBX systems with no need for re-wiring.
- Inexpensive analog telephones can be used instead of expensive digital sets.
- Fax can be supported with no additional hardware
- Quality of voice (QoS) is excellent and not subject to poor network conditions.

Mint 132MAX provides digital IP-Based switching for remote branch extensions and VoIP voice calls.

- Multiple branch offices can be linked via VoIP channels (the Internet)
- Users can connect to remote extensions as easily as local ones
- Long-distance charges are saved by making Off-Net and/or On-Net calls
- Improved voice quality using QoS Support

Functional Overview

- Robust Flash boot LINUX systems and applications programs
- Full digital PBX functions
- Auto-Attendant
- Voice mail
- Scheduled calling
- SMS
- Phone book
- Call log checking
- Status Monitoring
- Record-on-demand
- 8-port VoIP capability with no A/D loss
- Integrated DHCP, e-mail server, and firewall.
- Smart system monitoring function ensures stability and reports failures
- QoS bandwidth control feature ensures VoIP quality

Specifications (132MAX)

- 8-slots for CO/Extension modules to support 32 ports (MAX)
- 4-Port CO module – 4-Port Extension module
- 1-slot for VoIP module, max of 8-VoIP resources
- 1 – 10/100 Ethernet WAN port
- 8-LAN ports, 10/100 Ethernet switches
- 2- USB 1.0 ports and 1-Printer port
- 16 x 2 backlit LCD panel for easy configuration
- Power/Switch LED's
- Built-in 20 GB hard drive
- 2 - cooling fans with speed control, 1- temp sensor
- Built-in 80V/24V switching power for ring/phone use
- 90-140 VAC - 50-60 Hz
- Size: 340 mm x 260 mm x 44 mm (1U size)

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