

Cotran Telecommunications, LLC

1 of 2

COTeLtalker110

1-CHANNEL VOICE OVER IP GATEWAY DESIGNED FOR SMALL-MEDIUM BUSINESS

Dramatically reduce your phone bills with this advanced, high reliability VoIP solution.

Exclusive features include industry-leading sound quality, “cellular bridge” capability, and support for both broadband and dial-up.

Substantial Savings on All Calls, Not Just Branch Offices

COTeL offers the only complete VoIP solution for small and medium businesses. A nominal fee provides access to COTeL's carrier-quality network, ensuring substantial savings on all domestic and international calls. It also provides unlimited branch-to-branch calling—at better than carrier quality—between any two COTeL gateways in the world.

Superior Sound in Any Environment

The COTeLtalker110 combines exclusive features and proprietary technology to respond intelligently to changing network conditions:

- A high quality codec delivers rich, tone pure audio under normal network loads.
- A high efficiency codec combines with patented algorithms to maximize call quality and minimize latency over dial-up connections, or when network load increases.

Cellular Bridge Brings VoIP Savings to Mobile Phones

Exclusive, patented “cellular bridge” capability allows up to 3 authorized phones to remotely access the device for low-cost and no-cost global calling. Because it uses Caller ID to identify authorized phones, this feature works with any cell phone, and any Internet connection, without the need for access codes or PIN numbers.

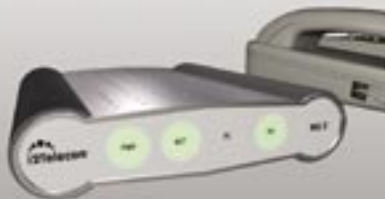
Benefits

- Complete low-cost, high-quality VoIP solution: includes hardware, service and support
- Substantial savings on all domestic and international calls
- Unlimited FREE calling to other COTeL subscribers with any service plan
- Standard CO line interface enables easy integration with PBX systems
- Single-stage dialing eliminates user training
- Unlimited expansion with additional units
- Free technical support
- 5-year limited warranty

Features

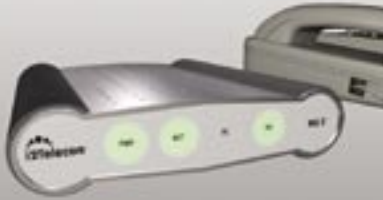
- Adaptive compression compensates for varying Internet throughput
- End user call management includes caller ID, call waiting caller ID, call hold
- Supports 110 or 220v power supply
- Java™-based configuration tool enables easy remote management from any system
- SIP Protocol access to COTeL's global PSTN gateways

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Service Requirements:

- Standard Analog Telephone Set (analog PBX):
 - Can be corded, cordless, or speakerphone
- High Speed Internet Access Requirements:
 - DHCP capable Internet connection (DSL/ISDN/Cable/T1)
- Dial Up Access Requirements:
 - Internet Service Provider/(ISP) Account
 - Windows Based Desktop or Laptop Computer (Compatible with Windows 98SE, ME, XP Home and XP Professional)
- Cellular Bridging Requirements:
 - Use of configuration tool on Java™-capable PC or Macintosh®
 - Requires Caller ID service (US Type 1 or Type 2)

Specifications:

- Supports broadband and dial-up Internet connections
- Dial-up support for: Microsoft Windows 98SE, ME, XP Home, XP Professional
- 911 dialing support (through existing telephone network)
- Support for direct connect to PC: RJ45 10baseT Ethernet (operates in hub mode or IP & MAC address cloning)
- Supports DMTR (Dynamic Media Transmission Rate) enhancing voice quality transmission by automatically detecting and adjusting for line quality
- Network Connector: RJ45 10baseT Ethernet
- Phone: RJ11 jack, US Standard
- Second RJ11 for direct PSTN calling
- Power: Analog 5-volt power supply
 - Input: 110VAC, 220VAC
 - Output: 5VDC; 2-amp
- Remote configuration provides for “zero-administration” upgrade capability
- On-board flash upgradeable firmware
- IP assignment: static, dynamic (DHCP) or IP & MAC
- STUN for NAT traversal
- SIP STD for VoIP signaling
- Ping
- RTP and RTCP for VoIP media transport
- Ring Equivalency 0.0 Input, 3.0 Output
- Weight 7 oz./198 grams
- Size: Length 5.6” (140mm) x Width 5.5” (137mm) x Depth 1.2” (26mm)
- Operating temperature: 32°F to 122° F (0°to 49°C)
- Certifications:
 - FCC PART 15 Class B
 - FCC PART 68
 - UL