



SpeedTouch™ 510/510i Multi-user ADSL gateway

Rapid access for all

Using the Internet can be frustrating if you have a slow response time, especially when you have several PCs connecting simultaneously. But not anymore. Surfing takes on a whole new dimension with the SpeedTouch 510 – and with the SpeedTouch 510i designed specially for ADSL over ISDN. Powerful tools for residential users, the new SpeedTouch 510 and 510i are also perfect for small and home offices (SOHO): they're the ideal solution for multi-PC users, regardless of configuration or location. If you're looking for a bandwidth builder, take a closer look at the SpeedTouch 510/510i.

Easy installation

With the SpeedTouch 510/510i, you can install residential gateways with incredible ease.

You're only five clicks away from the Internet. Just connect your PC, laptop or local area network to the modem over an Ethernet interface and you are ready to go. An advanced setup wizard guides you through the set-up.

Because the router comes with an integrated PPP-client, no software needs to be installed on the PC itself, increasing overall functionality.

Home networking

This router is the ideal solution for residential users and for small and home offices where there is an urgent need to share ADSL access, along with other family members or colleagues.

Residential users will especially appreciate the fact that PCs, game consoles, PDAs and other devices can instantly connect to the Internet through a single high-speed ADSL point of access.

Connecting your LAN to the Internet is a snap thanks to an integrated 4-port Ethernet switch that allows you to connect four PCs directly, without requiring an extra hub.

Security

This ADSL residential gateway has a built-in firewall that denies unauthorized access to all PCs and Internet devices hooked up to the user's broadband ADSL connection.

This powerful firewall can be configured by end-users, equipment retailers or service providers for a broad range of security policies and requirements.

Attacks are stopped in the router and will not reach the PCs. With the SpeedTouch 510, you'll be secure 24/7.



Built for excellence

speedtouch™
ALCATEL



SpeedTouch 510/510i

Multi-user ADSL gateway

Technical summary

Hardware specifications

- Interfaces:
 - LAN for POTS version:
 - 10Base-T (RJ-45)
 - 4-port 10Base-T switch (RJ-45)
 - LAN for ISDN version:
 - 4-port 10Base-T hub (RJ-45)
 - WAN: ADSL line (RJ-11)
- Dimensions: 35 x 210 x 185 mm (1.38 x 8.27 x 7.29 in.)
- Temperature: 0° to 40° C (32 to 105 F)
- Humidity: 20% to 80%
- AC voltage: 100 to 120, 220 to 240 V AC
- Frequency: 50/60 Hz

ADSL modem specifications

- ADSL (ANSI, G.dmt, G.lite, lite (automode and selection))
- Up to 8 Mb/s downstream, 832 Kbps upstream

Package content

- 1 SpeedTouch 510 or 510i
- Power unit and cables (ADSL & Ethernet)
- CD with setup wizard and user's guide
- Quick installation guide
- In-line filters (optionally)

Services

- Ethernet bridging
- IP routing
- NAT, DHCP, DNS
- Embedded firewall
- WAN protocol model:
 - PPPoE, PPPoA, MER, CIP
 - PPTP-to-PPPoA relay and DHCP-to-PPP spoofing

Management

- OS independent
- User friendly web interface
- Telnet access to router
- Software upgradeable
- DHCP server and client
- DNS server and relay

Installation

- UPnP support
- Installation wizard (optional)

For more information: www.speedtouchdsl.com

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