

speedtouch™

SpeedTouch™ 190

SIP Gateway



Setup and User's Guide

Release R1.0



SpeedTouch™

190

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1 SpeedTouch™ I90 Installation

Introduction Thank you for purchasing the SpeedTouch™ I90 SIP gateway.
The SpeedTouch™ I90 SIP analog telephone adapter allows regular phones, fax or modems to call a compatible peer SIP User over a broadband Internet connection.

Contents This Setup and User's Guide will assist you in getting acquainted with the Speed-Touch™ I90 SIP Gateway and will learn you how to make calls with your regular phone using the Session Initiation Protocol (SIP).

Safety Instructions Before connecting the SpeedTouch™ I90, please carefully read the SpeedTouch™ I90 Quick Installation Guide, and the Safety Instructions and Regulatory Information booklet.

Updates THOMSON continuously develops new solutions, but is also committed to improve its existing products.

For more information on THOMSON's latest technological innovations, documents and software releases, please visit the SpeedTouch™ web site at:

<http://www.speedtouch.com>

1.1 Getting acquainted with the SpeedTouch™ I90

Package Checklist The SpeedTouch™ I90 package includes:

- SpeedTouch™ I90 SIP Gateway
- Ethernet cable
- Telephone cable
- Power adapter
- Quick Installation Guide
- Safety Instructions and Regulatory Information booklet.

Please inform your product dealer if there are any incorrect, missing, or damaged parts. If possible, retain the carton, including the original packing materials in case there is a need to return it.

Front panel layout



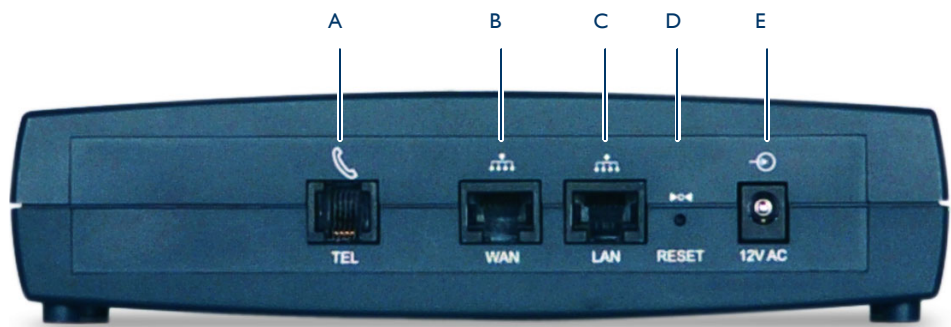
Front panel LEDs

The SpeedTouch™ I90 is equipped with five LEDs on its front panel, indicating the state of the device during normal operation:

| Indicator | | | Description |
|-----------|-------|-------|---|
| Name | Color | State | |
| Power | Green | On | Power On, normal operation |
| | | Off | Power Off |
| VOIP | Green | On | Registration successful to the SIP server |
| | | Off | Registration failed to the SIP server |
| LAN | Green | On | Ethernet connectivity to the local network |
| | | Off | No Ethernet connectivity to the local network |

| Indicator | | | Description |
|-----------|-------|-------|---|
| Name | Color | State | |
| WAN | Green | On | Ethernet connectivity to the Internet Gateway Device |
| | | Off | No Ethernet connectivity to the Internet Gateway Device |
| TEL | Green | On | Phone off hook |
| | | Off | Phone on hook |

Back panel layout



| | | | |
|---|----------|---|-----------------------|
| A | TEL port | D | Recessed Reset button |
| B | WAN port | E | Power inlet |
| C | LAN port | | |

1.2 Setting Up the SpeedTouch™ I90

Connect the VOIP line Plug the telephone cable (RJ11) provided into the SpeedTouch™ I90's VOIP socket. Plug the other end into your telephone's RJ11 line socket.

Connect the LAN line Use an Ethernet cable to wire the SpeedTouch™ I90 LAN port to your PC's Ethernet card.

Connect the WAN line Use the Ethernet cable provided to wire the SpeedTouch™ I90 WAN port to your Internet Gateway Device.

Connect the power supply Always check first whether the power supply adapter provided is suitable for the local power specifications. Contact your product dealer in case of any doubt.

The power inlet on the SpeedTouch™ I90 is marked "12V AC".

Plug the adapter's coaxial jack into the SpeedTouch™ I90's power inlet and plug the power supply into a power socket outlet.

The SpeedTouch™ I90 is ready for service as soon as the Power LED on the front panel is constantly lit green.

2 SpeedTouch™ I90 Web Interface

Introduction The SpeedTouch™ I90 comes with an integrated web interface facility. It allows you to monitor the SpeedTouch™ I90 simply by using a web browser from any local computer attached to the SpeedTouch™ I90.

The SpeedTouch™ I90 is correctly configured for Internet Telephony via the appropriate configuration profile/file. No further configuration on the web interface is possible.

Preconditions Before you can access the SpeedTouch™ I90's web pages, make sure that:

- The SpeedTouch™ I90 and your computer share the same IP subnet (192.168.1.0/24). By default the SpeedTouch™ I90 has a local IP address 192.168.1.190. To be able to access the web pages, your computer needs to be configured for an IP address in the same subnet, e.g. 192.168.1.1.
- Your web browser is not using a proxy server and/or the SpeedTouch™ I90's IP address is not submitted to a proxy server.

To configure your computer with an IP address, please consult the Operating System's Help. For more information on how to disable your web browser's proxying, please consult the web browser's Help.

Browsing the SpeedTouch™ I90 web pages

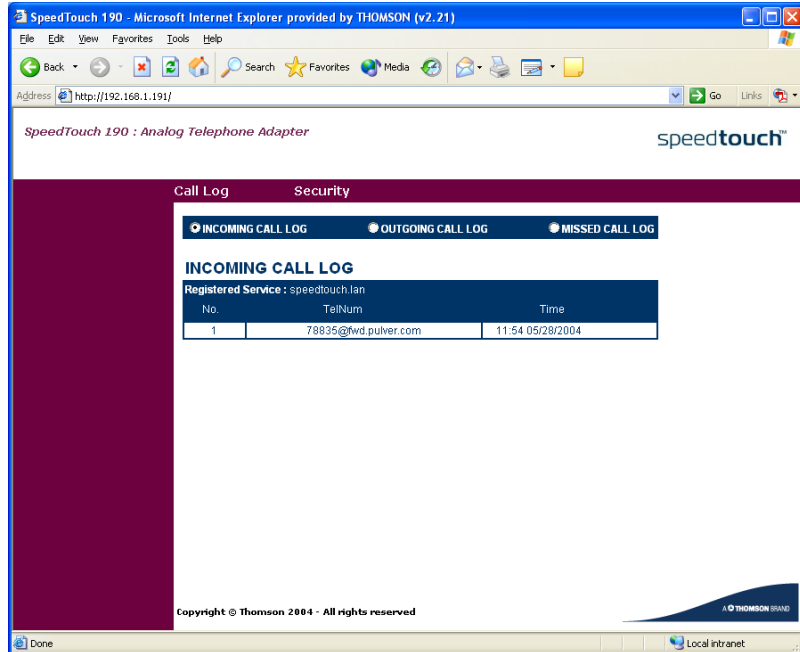
To access the SpeedTouch™ I90's web pages:

- 1** Start the web browser on your computer.
- 2** Browse to the SpeedTouch™ I90 at <http://192.168.1.190/>.

192.168.1.190 is the SpeedTouch™ I90 default IP address in the very most cases. If not, please contact your product dealer for more information.

The SpeedTouch™ I90 Start Page

The **Incoming Call Log** page is the SpeedTouch™ I90's home page:



Topic menu and links

On the top of each of the SpeedTouch™ I90 web pages a topics menu is provided. This menu navigates you via links through all aspects of the SpeedTouch™ I90.

The following table list all topic links:

| Click ... | To ... |
|-----------|--|
| Call Log | view a logging of incoming, outgoing and missed calls. |
| Security | configure the SpeedTouch™ I90 user name and password. |

Call Logs The **Call Log** page is the SpeedTouch™ I90 home page. It consist of three sections:

- Select **Incoming Call Log** to view the incoming calls.

| <input checked="" type="radio"/> INCOMING CALL LOG | <input type="radio"/> OUTGOING CALL LOG | <input type="radio"/> MISSED CALL LOG |
|--|---|---------------------------------------|
| INCOMING CALL LOG | | |
| Registered Service : speedtouch.lan | | |
| No. | TelNum | Time |
| 1 | 78835@fwd.pulver.com | 11:54 05/28/2004 |

The SpeedTouch™ I90 will only remember the 10 last entries.

Note Each time the SpeedTouch™ I90 is restarted, the call log will be cleared.

- Select **Outgoing Call Logs** to view the outgoing calls.

| <input type="radio"/> INCOMING CALL LOG | <input checked="" type="radio"/> OUTGOING CALL LOG | <input type="radio"/> MISSED CALL LOG |
|---|--|---------------------------------------|
| OUTGOING CALL LOG | | |
| Registered Service : speedtouch.lan | | |
| No. | TelNum | Time |
| 1 | 78835@fwd.pulver.com | 11:54 05/28/2004 |

The SpeedTouch™ I90 will only remember the 10 last entries.

Note Each time the SpeedTouch™ I90 is restarted, the call log will be cleared.

- Select **Missed Call Logs** to view the missed calls.

| <input type="radio"/> INCOMING CALL LOG | <input type="radio"/> OUTGOING CALL LOG | <input checked="" type="radio"/> MISSED CALL LOG |
|---|---|--|
| MISSED CALL LOG | | |
| Registered Service : speedtouch.lan | | |
| No. | TelNum | Time |
| 1 | 78835@fwd.pulver.com | 11:54 05/28/2004 |

The SpeedTouch™ I90 will only remember the 10 last entries.

Note Each time the SpeedTouch™ I90 is restarted, the call log will be cleared.

Security Select **Security** to configure the SpeedTouch™ I90 user name and password:

Set Security Password

| | |
|-----------------------|--------------------------|
| Setting mode | User Mode |
| Username: | <input type="text"/> |
| New password: | <input type="password"/> |
| Confirm new password: | <input type="password"/> |

By default the SpeedTouch™ I90 is not protected by a password. However, for security reasons, setting a password may be useful.

To set a user name and password, proceed as follows:

- 1** Type a user name in the **User name** text box.
- 2** Type a password in the **New password** text box
- 3** Retype the password in the **Confirm new password** text box.
- 4** Click **Save User Password** to save the new password.

Note Use the same procedure to change your user name and password.

Note To clear your user name and password, clear the textboxes and click **Save User Password**.

3 SpeedTouch™ I90 Calling Services

Supported telephone calling services

The SpeedTouch™ I90 supports the following telephone calling services:

- **Basic Call with Calling Line Identification**
This feature allows you to see the number of whom is calling you.
- **Call Transfer**
When there is a call active this feature allows you to transfer an active call.
- **Call Hold and Call Retrieve**
When there is a call active this feature allows you to put a call on hold and retrieve it back.
- **Call waiting with Calling Line Identification**
When there is a call active, it is possible that another person calls. This feature allows you to get the waiting call and put the other one automatically on hold and to see the number of whom is trying to call you.
- **Three-way Call**
When there is a call active and there is another call waiting or on hold it is possible to start a conference call by adding the call on hold to the conversation.

R key or Flash hook

The “R” key is also known as “flash” key and can be emulated by a short tap on the hook.

Basic Call with Calling Line Identification

This feature allows you to see the number of whom is calling you.

Note This feature is only possible if your phone is Calling Line Identification Presentation (CLIP) enabled and your provider supports it as well.

Call Transfer

To transfer an active call:

- 1** Press the “R” key on your phone.
- 2** Press the “4” key on your phone.
- 3** Wait until you hear a dial tone.
- 4** Dial the number to transfer the call to.

Call Hold and Retrieve

To put an active call on hold:

- 1** Press the “R” key on your phone.
- 2** Press the “1” key on your phone.

Note As soon as you hear the dial tone you can dial the second number.

When you have put a call on hold, to retrieve the call on hold back:

- 3** Press the “R” key on your phone.
- 4** Press the “1” key on your phone.

Call waiting with Calling
Line Identification

To get the waiting call and put the other one automatically on hold:

- 1** Press the “**R**” key on your phone.
- 2** Press the “*” key on your phone.

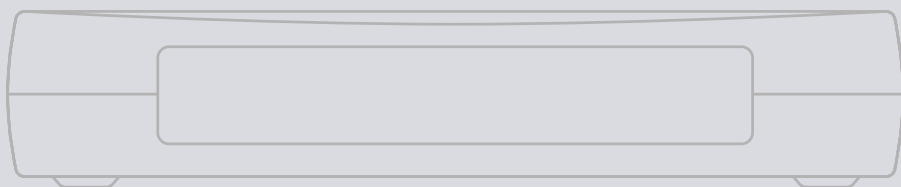
To toggle between the two calls:

- 3** Press the “**R**” key on your phone.
 - 4** Press the “*” key on your phone.
-

Three-way Call

To start a three-way conference call:

- 1** Press the “**R**” key on your phone.
- 2** Press the “**7**” key on your phone.



Need more help?

Additional help is available online at www.speedtouch.com.