

Lucent Technologies  
Bell Labs Innovations



# ISDN 8510T Terminal

The Best of Both Worlds:  
*Voice and Data*

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Rich Voice Features, Extensive Data  
Capabilities, Complete Control

## ISDN 8510T Terminal

Lucent Technologies' ISDN 8510T Terminal gives you the best of all worlds: rich voice features, extensive data capabilities, and unprecedented opportunities for customization.



## Make the most of the ISDN services you've invested in

ISDN can supercharge your productivity — *when you couple it with the right terminal*. That terminal is Lucent's ISDN 8510T Terminal, the state-of-the-art solution for both ISDN voice *and* data. With the ISDN 8510T Terminal, you don't merely get powerful features. You get *control*. That's because Lucent's advanced technology utilizes soft-keys, enabling you to make ISDN features work exactly the way you want, easily and quickly.

## The ISDN terminal that works the way you work

Lucent designed the ISDN 8510T Terminal to work exactly the way you work, no matter how you prefer to work — *so you can be as productive as possible*. Its powerful features include:

- Easy-to-customize, interactive soft-keys that allow you to create, access and control your own personal directories and call logs — and to program a wide variety of set features.
- Adaptive speakerphone that automatically adjusts for optimal performance in both noisy and quiet environments
- An LCD display that can easily be seen from a wide range of viewing angles
- A “lock” feature to protect your privacy

The ISDN 8510T Terminal isn't just easy to customize: *it's easy to work with*. It provides clear visual feedback at all times, through visual indicators associated with ten call appearance/feature buttons, and through an easy-to-read 2-line x 24 character LCD display. Its powerful programmable features are all menu-driven — and they've been extensively tested in real business environments, to make sure they're easy to understand and use.

## Lucent delivers unprecedented user control

Our ISDN 8510T Terminal doesn't just deliver programmability: it delivers the *control* you need to

get the job done as quickly and efficiently as possible. Best of all, the ISDN 8510T Terminal's step-by-step, on-screen programming is so easy, you won't just *use* it, you will *welcome* it.

With menu-driven soft-key technology, you can create personal directories of frequently called numbers, log your most recent outgoing and incoming calls, create a personalized ringing pattern, and do even more.

## Create a Personal Directory

You can create a directory of up to 30 frequently called numbers, each with up to 24 digits — so it's easy to place even complex international calls. A five-character name can also be stored with each number, for easy retrieval.

## Develop a Personal Call Log

You can track phone numbers and times associated with calls placed from and received by the ISDN 8510 Terminal, to make calling more convenient in three different ways:

- The *Ten Most Recent Unanswered Calls* feature tracks calls that need to be returned — even if you are away from the phone when the call is received.
- The *Ten Most Recent Dialed Outgoing Calls* feature makes it easy for you to track the calls you've made — and gives you quick access to numbers you may need to call again.

- The *Ten Most Recent Answered Calls* feature allows you to redial stored numbers quickly and easily.

## Keep Your Calls Secure

Communications security is more critical than it's ever been — and the ISDN 8510T responds with a locking feature that allows you to:

- Lock a directory to prevent unauthorized viewing or changes
- Lock the call log so no one else can view it
- Lock all soft-keys so no one can view or change feature selections, or make calls from the directory

## Choose Voice/Data — or Voice Only

The ISDN 8510T Terminal is available in voice and voice/data versions. The voice set is also easily field-upgradable to data capabilities at any time. The voice/data ISDN 8510T Terminal supports a wide range of ISDN data applications, using Lucent's proven Applications Programming Interface (API). These include V.120 Rate

Adaption, D-Channel X.25, and high-speed data communications.



## Add the Options You Need

You can always add an adjunct speakerphone, headset or other device — without disconnecting the handset — through the built-in terminal adjunct jack. For visually-impaired users there's a raised "5" dial pad key and for hearing-impaired users, full hearing-aid compatibility.

## Easy to Install in Any Environment

The ISDN 8510T Terminal comes with everything you need for easy, quick installation — including a built-in terminating resistor. Class B certification means it's not only an ideal solution for the office, but also for residential, telecommuting and small office/home office applications.

### Technical specifications and features

- Colors: Black and Lucent white
- Dimensions:
  - Desktop: 7.8" (19.8 cm) wide x 9.5" (24.1 cm) long x 5.3" (13.4 cm) high with handset
- Weight: 3.07 pounds (1.39 kg) for voice and 3.2 lbs. (1.45 kg) for voice/data
- Power: Approximately 1.5 watts at 40 – 48 volts DC from a UL<sup>1</sup> listed communications circuit power source.
- Environment: 40° to 120° F (4° to 48° C) with 5 to 95% RH
- Certification: Class B certified (FCC and UL listed); approved for residential use

## Put advanced phone technology on your desk... today.

If you're still chugging along with slow analog phone lines, it's time to supercharge your productivity with today's fast, digital ISDN communications. There's no better way to get up to speed than with Lucent Technologies' full-featured, compact and reliable family of ISDN telephones.

Lucent Technologies has a proven reputation for delivering the quality, reliability and innovation ISDN users demand, ever since we introduced the first commercial ISDN products in 1986. We deliver a comprehensive line of leading-edge ISDN solutions to both customers and communications service providers.