

## NIH ISDN System - (digital) Telephones

The Tone Commander 6210



Integrated Services Digital Network (ISDN) provides users with the capability for simultaneous voice, data, and video applications.

With ISDN, you have access to both applications on a single telephone line.

Most data applications will still use the IC's Local Area Network (LAN) because it provides higher bandwidth.

### ToneCommander - ISDN Telephone

**The Tone Commander is the most commonly used ISDN Telephone at the NIH.**

#### [Click Here For a Video Presentation](#)

[http://www.tonecommander.com/training/Training\\_Menu.htm](http://www.tonecommander.com/training/Training_Menu.htm)

**The 6210 and 6220** – are just two of the full range of feature rich, yet user-friendly ISDN phones at the NIH.

These telephones are ideal for today's busy office environments.

Automatic setup capability and simple programming makes the phone quick to install and easy to use.

Reliable, new feature enhancements and upgrades can be added by a process that is as simple as making a telephone call. Features include speakerphone, voice announcing, tilting 2 x 24 LCD display, call logging, and a dialing directory.

The Tone Commander 6220



### Other ISDN Phones in Use at the NIH

The AT&T 8500 Series –  
Discontinued



The AT&T 7500 Series –  
Discontinued



The Fujitsu Series



***This page does not present all of the various "ISDN system" phones in use at the NIH. If you have questions about the type of phone you are using or the features and options available through the NIH Telephone Network, please contact the NIH Help Desk: [ithelpd@nih.gov](mailto:ithelpd@nih.gov) or call 301-496-HELP***

## NIH Electronic Key Systems (analog) Telephones (Merlins / Merlin Legends)



Electronic Key Equipment at NIH include the Merlin and Merlin Legend Systems. Merlin Legend systems are designed to accommodate a maximum of 80 lines and 144 telephones, and deployment is limited to a small area.

Merlin and Merlin Legend Systems are no longer being installed at the NIH. Contact a CIT/Telecommunications Specialist for the most up-to-date telephony solutions: [telecommcsc-1@mail.nih.gov](mailto:telecommcsc-1@mail.nih.gov)

### Red Emergency Backup Telephone System

Some Single line "analog" phones are designated for the NIH Red Emergency Backup Telephone System, also known as "Red Phones".

These phones are to be used only in the event the NIH telephone switch is non-functional and users are unable to make and receive calls from their NIH office number.

Some "Red" phones are not "Red" in color. The term "Red Phone" describes the type of service provided as in "Red Emergency Backup Telephone System"

To learn more about the  
NIH Red Emergency Backup Telephone System  
Visit the CIT Web site:



<http://cit.nih.gov/ProductsAndServices/Telecommunications/TeleServices/TelecomEmer214.htm>

### 1A2 Key Systems

Some NIH telephone users still have a 1A2 Key Set. These sets are characterized by their bulky appearance, a thick gray wire extending from the back of the set, and the direct line selection available through one of the lighted buttons at the bottom of the set. These sets usually include a red Hold button on the far left, and an Intercom button on the far right of the button pad.



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