

Introduction - Lab Logger

1.1 Lab Logger Environment

Lab Logger is a computer lab accessory that allows a Macintosh to electronically keep track of all users, including any software or hardware they may check out. Students and faculty are classified as users by obtaining a "Lab Pass." Once this lab pass is obtained, the students' Name, Social Security Number, Lab Pass Number, and other statistics are entered into the **Student Database** of the **Logger** for access the next time they check into the lab. Upon checking in, the **Logger** searches the database for the student's Lab Pass number, or User ID. When found, that student is checked into the requested machine, placing the student's statistics into that machine card. If the User ID is not found, an Alert box is brought to the screen stating that this ID has not been entered. The Consultant is given the choice of logging the student in using a generic number, or cancelling the process, and denying the person access to the lab.

1.2 Requirements Specification

Because "canned" HyperCard routines are slow, and both the **Logger** and HyperCard itself are large, a hard disk is STRONGLY recommended -- or at the VERY least, two 800K disk drives.

Since the **Logger** was created with HyperCard Version 1.2, it cannot run under earlier versions.

Due to the memory requirements of HyperCard, **Lab Logger** can only run on a Macintosh Plus or better with at least 1 megabyte of Random Access Memory (RAM) -- MultiFinder is NOT recommended since it requires so much RAM.

This manual was written assuming the reader already has a working knowledge of the Macintosh and HyperCard. All users, except SuperUsers, are restricted to

HyperCard's User Level 2 (typing) to prevent any accidental alterations of **Logger** scripts, graphics, or buttons.

1.3 HyperCard Independence

Since **Logger** uses its own **Home** stack, it is required that HyperCard (Version 1.2 or later) and all **Logger** stacks be in a folder separate from any other HyperCard application or stack. HyperCard must not be able to contact any other "**Home**" stack other than the one included in "**Lab Logger**" because the **Logger** will not operate with another **Home** stack.