ATTENTION
Static Sensitive Device

Use static safe procedures when handling this device. Wear a grounding strap, or dissipate static charge by touching a properly grounded metal surface (ex. Back of computer case) before handling this device.

Warranty Claims: DO NOT return devices to the place of purchase. In the event that a device is defective, please go to: http://www.keykatcher.com/warranty.htm Instructions are provided for repair/replacement of a defective device. All warranty claims must be submitted in the original anti-static bag with identification sticker in place. Warranty claims which are due to a forgotten password will be charged a $10 fee for providing the current password. Please read "FORGOTTEN PASSWORD" section for more information.

All users must agree to the terms described in the "Use Agreement" (located at the end of this manual) before using this device. If you do not agree to the terms described, DO NOT USE THE DEVICE.

WordPad® is a trademark of the Microsoft Corporation. Microsoft Windows® is a registered trademark of the Microsoft Corporation.

For Frequently Asked Questions, Troubleshooting, or just more general information, feel free to visit us at:

http://www.keykatcher.com/

I. Installation

Installation of the KEYKatcher™ is very simple.

1) Unplug the keyboard cable from the back of the computer.
2) Plug the KEYKatcher™ into the keyboard cable end which was just removed. Be sure to align the "TOP" indicator.
3) Plug the KEYKatcher™ into the back of the computer with the keyboard cable still attached. Again, align the "TOP" indicator.
4) Installation Complete!
5) Optional: Slide heat shrink tubing over junction between KEYKatcher and the keyboard cable. Use a high-wattage hair dryer or heat gun to attach the KEYKatcher to your system. This will serve as a tamper-evident seal so you can tell if it has been removed.
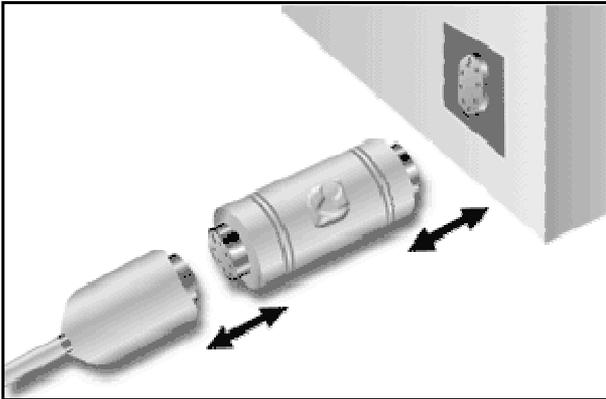
Figure 1 – Installation Diagram

II. Getting Started

In order to use the KEYKatcher^{TM}, you must first open a word processor, or text editing program. It is recommended that you use Microsoft WordPad®. WordPad® comes with all versions of Windows®. WordPad® can be launched by selecting: >Start>Run, and typing WordPad in the text entry box. After you have launched the WordPad program:

1) Type keykatch in the text entry area . This is the default password that is set at the factory. If you make an error typing in the password sequence, start typing the password from the beginning. The password sequence must be typed in exactly, with NO BACKSPACES.
2) You should now see the menu appear on the screen (See Figure 2). The number of bytes free along with the menu options are displayed on the screen. One character occupies one byte of memory. Refrain from typing when the KEYKatcher^{TM} is sending characters to the screen.
3) In order to view the contents of the memory, press the "1" key. At this point, the memory contents will be displayed on the screen. Refrain from typing on the keyboard until the entire memory is displayed, and the menu has been re-displayed on the screen.
4) After you have finished viewing the contents of the memory, you may wish to erase the contents of the memory. This is done by pressing the "2" key. Erasing the memory may take a few seconds. The menu will be re-displayed when the memory has been fully erased.
5) After you have erased the contents of the memory, press the "7" key to exit the menu. The KEYKatcher^{TM} will display "Bye" on the screen to indicate that you have exited the menu. Any key other than the numbers 1-6 will also exit the menu.

You have now learned most of the things that you will need to know in order to use the KEYKatcher™. Read on to learn about the other options.
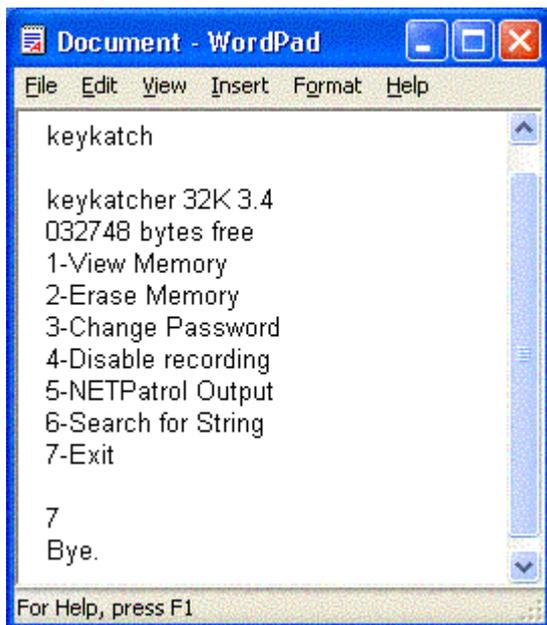
Figure 2 - KEYKatcher™ menu

III. Menu options

1. View Memory

When you select the 'View Memory' option, the KEYKatcher™ will begin sending the memory contents to the screen. When the entire memory has been displayed, the menu will be sent to the screen. Please refrain from typing on the keyboard until the menu is fully displayed on the screen.

When 'View Memory' is selected, it may be desirable to have the 'Num Lock' on the keyboard turned on (Num Lock LED lit). This will prevent 'Page Up', 'Page Down', etc. characters from being sent to the screen.

2. Erase Memory

When you select the 'Erase Memory' option, the KEYKatcher™ will begin erasing the memory. After the memory is fully erased, the menu will be re-displayed on the screen. Please be patient! Erasing the memory takes some time. Please refrain from typing on the keyboard until the menu is fully displayed following the erase operation.

3. Change Password

The default password set at the factory is keykatch. It is highly recommended that the password be changed from the default setting. There are a couple of points about the password that are VERY IMPORTANT. Review and understand this section BEFORE YOU CHANGE THE PASSWORD.

1) The KEYKatcher will prompt you to enter the password, and then re-enter the password. If the password is not entered the same both times, the password will not be updated.

2) If the password is forgotten or lost, the device is rendered useless. It is recommended that the password be written down in the event that it is forgotten.

3) The password should not be a string of characters that would be typed in normal usage. Examples of poor password choices would include: father, avenue, your pet's name. Here are some good password choices: TaBaThA, 147HomE, 56&ghur3. A password should be a consecutive set of characters that would never be typed, except by someone who knew the password.

4) Passwords are case sensitive. This feature can be used to create an easy to remember password, such as the example of "TaBaThA" above. It should be noted, however, that if the case of the password is forgotten, the device cannot be accessed.

5) The password must be between six and eight characters long. If a password of less than six characters is entered, the password prompt will re-appear, requesting that a new password be entered. As soon as eight characters are typed, the password is accepted.

6) Select a unique password. Do not use a password or subset of a password that you are using elsewhere on your system.

4. Disable recording

You may wish to turn off the recording function of the device from time to time. In order to change the state of the device, hit the "4" key after the menu appears to toggle the device between recording and not recording.

Menu option 4 toggles between two options:

Enable recording
If the menu shows menu option 4 as "Enable recording", then recording is currently disabled. Hit the "4" key, and the KEYKatcher™ will begin recording keystrokes.

Disable recording
If the menu shows menu option 4 as "Disable recording", then recording is currently enabled. Hit the "4" key, and the KEYKatcher™ will stop recording keystrokes.

Enabling/Disabling the device is generally much easier than physically connecting/disconnecting the device from the rear of the computer.

5. NETPatrol Output

The NETPatrol is a quick and easy way to get an idea of which web and e-mail addresses have been typed on your computer.

Selecting NETPatrol Output causes the KEYKatcher™ to search its entire memory contents for the occurrence of "http", www., ".com", and ".net". As matches are found for these items, they are displayed on the screen, along with the surrounding text.

An example of the NETPatrol function is shown below.

Figure 5.1 – NETPatrol Output Example

6. Search For String

The "Search for String" option allows you to search the entire memory contents of the KEYKatcher™ device for any keywords you desire.

A search example is shown below in Figure 6.1
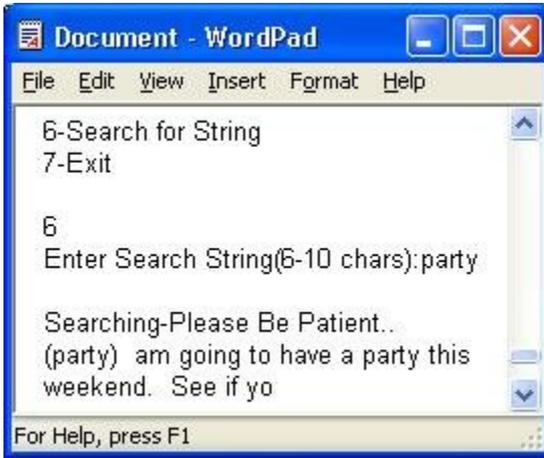
Figure 6.1 – Search Example

7. Exit

When you are finished with all KEYKatcher™ activities, be sure to choose the 'Exit' option from the menu. If 'Exit' is not selected, the KEYKatcher™ will not have returned to its normal mode of operation.

USER AGREEMENT

This Agreement is between Allen Concepts, Inc. ("ACI") and you, the user or installer of the KEYKatcher keystroke recording device (the "Device"). Your installation or use of the Device indicates your consent to all of the terms of this Agreement. If you do not agree to any term of this Agreement, do not install the Device. Return the bag unopened to the place of purchase for full refund.

PERMISSIBLE USES

The Device was designed and is to be used solely for parents to monitor what their children are doing on the computer and for businesses to monitor what their employees are doing on the computer (the "Permissible Uses").

IMPERMISSIBLE USES

The Device may not be used to violate the privacy rights of others, or to access or intercept electronic communications in violation of wiretap statutes, or to violate company regulations ("Impermissible Uses"). Impermissible Uses include, but are not limited to the following acts: retrieval of credit card information, passwords, personal and/or medical information, confidential and/or proprietary information, or trade secrets.

Privacy and wiretapping laws change from time to time and vary from state to state. It is your responsibility to ensure that you are in compliance with federal, state, and local laws.

MUST POST NOTICE of MONITORING

If anyone other than you will be using the computer on which the Device is installed, you agree to post a notice visible to each user of the computer to the effect that (i) activities on this system may be monitored and recorded and (ii) that anyone using this system expressly consents to such monitoring and is advised that if such monitoring reveals possible evidence of unauthorized or criminal

activity, such evidence may be provided to company or law enforcement officials.

SERIAL NUMBER FOR INVESTIGATING ILLEGAL ACTS

A unique serial number may be electronically stored in the Device to aid company and law enforcement officials in the investigation of any unauthorized or illegal acts that may be committed with the Device. You agree to permit ACI to assist these officials by providing serial number and sales information as necessary in the course of the investigation. ACI may request the assistance of its distributors and customers in providing information relating to the serial numbers of such Device(s), and you agree to cooperate with such requests.

LICENSE

The Device contains software and firmware instructions (the "Program") on the internal microcontroller. The Device and Program are protected by copyright and other intellectual property laws.

ACI hereby grants you the right to:

a) use the Program for the Permissible Uses in the United States for as long as you own the Device.

b) view, copy, print and distribute copies of the information provided by the Device provided

(1) the information is used for informational purposes only; and

(2) any copy of the information (or portion thereof) includes the following copyright notice: (c)2000, Allen Concepts, Inc. All Rights Reserved.

This license is limited to the rights above. Therefore, you are expressly prohibited from taking any other action with the Device, including but not limited to:

a) modify, reverse engineer, de-compile or disassemble the Device or the Program;

b) make any attempts to defeat the code protection which is in place on the internal microcontroller;

c) make any attempts to read or copy the Program;

d) attempt to cut open the casing around the Device;

e) rent, lease, lend, or sublicense the Device to others;

f) transfer your rights to another, unless the recipient agrees to the terms of the Agreement.

LIMITED WARRANTY

ACI warrants that the Device, if provided by ACI, is free from defects in material and workmanship and for ninety (90) days from the date of original purchase of the Device, provided the Device was not subject to accident, abuse, or improper use.

THIS IS A LIMITED WARRANTY AND ALL OTHER WARRANTIES ARE EXPRESSLY DISCLAIMED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF TITLE, NON-INFRINGEMENT OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ACI'S SOLE LIABILITY FOR ANY BREACH OF THIS WARRANTY SHALL BE, IN ACI'S SOLE DISCRETION: (i) TO REPAIR OR REPLACE YOUR DEVICE.

ACI will honor this warranty only if you inform ACI of your problem with the Device during the applicable warranty period and promptly provide evidence of the date the Device was originally purchased. This warranty is void if you violate the terms of this Agreement.

To invoke the warranty, complete the warranty form found in the back of the Operating Manual or at www.keykatcher.com. Send the completed warranty form, the defective device, and a copy of the purchase receipt or other evidence of the purchase date to: ACI, 3165 S Alma School Rd, Ste 29-215, Chandler, AZ 85248.

Include your name, address, and telephone number. ACI will repair or replace the device and return it to you. If the device is working properly and the password stored inside the Device does not match the password provided on the Warranty Form, you will be charged $10 for resetting the password. The Device will be returned to you along with the new password.

FORGOTTEN PASSWORD

If you have forgotten your password, send the Device to: ACI, 3165 S Alma School Rd, Ste 29-215, Chandler, AZ 85248. Include your name, address, and telephone number. ACI will reset your password and charge you $10 for this service. The Device will be returned to you along with the new password.

INDEMNIFICATION

You agree to defend, indemnify, save and hold ACI harmless from any and all claims, demands, liabilities, costs or expenses including direct, indirect, incidental or consequential damages and reasonable attorney's fees resulting from the Device, including loss of business or profit.

LIMITATION OF LIABILITY

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT, CONTRACT, OR OTHERWISE, SHALL ACI OR ITS SUPPLIERS OR RESELLERS BE LIABLE TO YOU OR ANY OTHER PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR VIOLATION OF THE RIGHT TO PRIVACY, VIOLATION OF WIRETAPPING STATUTES, LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES. IN NO EVENT WILL ACI BE LIABLE FOR ANY DAMAGES IN EXCESS OF THE PURCHASE PRICE, EVEN IF ACI SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES, OR FOR ANY CLAIM BY ANY THIRD PARTY.

EXPORT CONTROLS

You may not export or re-export the Device or the Program (i) into (or to a national or resident of) Cuba, Iraq, Libya, Sudan, North Korea, Iran, Syria or any other country to which the U.S. has embargoed goods; or (ii) to anyone on the U.S. Treasury Department's list of Specially Designated Nationals or the U.S. Commerce Department's Table of Denial Orders.

GOVERNING LAW

This Agreement shall be governed in all respects by the laws of the United States and the State of Arizona, except for conflict of laws provisions. The parties agree that for any dispute, controversy or claim arising out of or in connection with this Agreement, venue and personal jurisdiction shall be in the federal or state court with competent jurisdiction located in Maricopa Country, Arizona.

SEVERABILITY

The provisions of this Agreement will be deemed severable, and the invalidity or unenforceability of any provision will not affect the validity or enforceability of another provision hereof.

ENTIRE AGREEMENT

This Agreement constitutes the entire agreement and understanding between the parties and may be amended only by a writing executed by both parties.