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1. INTRODUCTION

Congratulations on taking action to monitor the most important area of your personal workspace: the area directly behind you! By purchasing the Behind-U Workstation Alert System from 8x8, you can now feel comfortable using your PC any way you want. Behind-U creates a "monitored" working environment for the user by patroling the area - or "Work Space" - that is located directly behind you. Toss those ridiculous mirrors, or even those "Hot Key" programs that switch to a different screen when the user depresses a key on the keyboard. Face it, by the time you are aware that you have prying eyes on your screen, it's just too late to act.

Behind-U actively monitors an area up to 25 feet from your monitor screen. When the Behind-U software is activated, the sensor module sends a signal to your PC to automatically switch screens when an intruder is detected in the area being patrolled. By acting like eyes in the back of your head, Behind-U lets the user focus on his or her PC activity WITHOUT the distraction of having to watch-out for unwanted visitors like curious office neighbors, a supervisor or boss, child or even a spouse.

Use Behind-U at the office

- Update your resume or surf career orientated WEB sites while you are at work.
- Protect your company-critical documents that are viewed by your Human Resources or Accounting personnel.
- Examine personal bank statements, day trade in stocks or read private emails while at your desk.
- Discreetly play your favorite PC game (while using your headphones so it's quiet).
- Go to your favorite on-line WEB site and Check sports scores or view the latest JPEG files.

Use Behind-U at home

- Surf the hottest chat rooms or WEB cam sites on the internet, and never worry about who is lurking around behind you.
- Have a private conversation with a friend or business colleague while using your video conferencing software.
- Read your e:mail in TOTAL privacy.

CAUTION - No operator-serviceable parts inside unit.

CAUTION - Connections between peripherals of the computer equipment must be made with low voltage shielded computer data cables. Network connections may consist of non-shielded CAT 5 cable. Unshielded telephone type cables may connect to RJ-11 receptacles on product.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences due Réglement sur le matériel brouilleur du Canada.

FCC NOTICE
INFORMATION FOR THE USER

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1) Reorient or relocate the receiving antenna.
2) Increase the separation between the equipment and receiver.
3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4) Consult the dealer of an experienced radio/TV technician for help.

The user may find the following publication prepared by the Federal Communications Commission helpful:

"How to Identify and Resolve Radio-TV Interference Problems" (Stock Number 004-000-00345-4).

Available exclusively from the Superintendent of Documents, Government Printing Office, Washington, DC 20402 (telephone 202-512-1800).

FCC WARNING

Changes or modifications not expressly approved by the party responsible for compliance to Part 15 of the FCC Rules could void the user's authority to operate the equipment.

CE NOTICE
INFORMATION FOR THE USER

This equipment has been tested and found to comply with the limits for a Class B or Class 2 digital device, pursuant to EN 55022 Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at the expense of the user.

The user may find the following publication prepared by the Federal Communications Commission helpful:

> "How to Identify and Resolve Radio-TV Interference Problems" (Stock Number 004-000-00345-4).

Available exclusively from the Superintendent of Documents, Government Printing Office, Washington, DC 20402 (telephone 202-512-1800).

WARNING

Changes or modifications not expressly approved by the party responsible for compliance to EN 55022 Rules could void the user's authority to operate the equipment.

2. PACKAGE CONTENTS

This box comes complete with everything you need to immediately begin using this product:

1pc - CDROM containing setup.exe file and Behind-U Readme.txt Manual and installation Procedures.

1pc - Behind-U base unit that easily connects to your keyboard and PC.

1pc - PS2 type keyboard extension cable required to connect the base unit to your PC (host machine).

1pc - Sensor housing and 10' connector cable ready to be attached to the base unit.

2pc - Pieces of Velcro (one Hook and one Loop with adhesive surface) to secure sensor to a preferred mounting surface and position.

1pc - Quick Start card to get you quickly up and running.

The following instructions are located on the Setup CD-ROM (userguide.html) and can easily be viewed before or after the setup procedure. If you would like to save this file for viewing at any other time, save this file to your computer systems hard drive by clicking "File" from the menu above and then select "Save".

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3. INSTALLATION PROCEDURES

The following setup procedures assume the user is running Windows 98, 2000, 2000 Professional, XP and XP Professional. For more details or installation pictures, please see the userguide.html found on the installation CD-ROM.

NOTE: Before turning off your PC and beginning the setup procedures, please make sure that the BIOS on your PC does not have the APC (Advanced Power Configuration) set to "Enabled". PCs of the latest generation use this feature to allow the user to turn the PC "On" and "Off" by depressing a power key (or function key) on the keyboard. The PC must boot from a cold state (no power going to the keyboard port after shut down) each time it is turned on for the Behind-U system to reset properly.

1. Place the Behind-U CD-ROM in your CD-ROM drive. The CD will self load and begin the autorun feature. If your CD does not autorun, please go to step 2, otherwise skip to step 5 after the installation is complete.
2. Click "Start, Run" from the task bar.
3. Type "D:\setup.exe" (where D is your CD-ROM drive).
4. Click OK.
5. Shutdown your computer by clicking "Start, Shutdown, Shutdown".
6. After the Microsoft Windows "Shut Down" sequence has completed, make sure your PC is completely powered down by briefly unplugging the power cord connected to the back of your computer.
7. Connect the sensor to the RJ-11 connector on the base unit.[image 1]
8. Disconnect your keyboard cable from the back of your PC.
9. Connect the keyboard extension cable to the Behind-U base unit port labeled "Host".[image 2]
10. Connect your keyboard cable to the Behind-U base unit port labeled "Kbrd". [image 3]

11. Connect the other end of the keyboard extension cable to the keyboard port on the back of your computer where the keyboard was originally connected. [image 4]
12. Restart your computer.
13. Begin using Behind-U by clicking "Start, Programs, Behind-U, Behind-U".

1. Connecting the sensor to the base unit.
2. Connecting the host cable to the base unit (use the outer-most hole).
3. Connecting the host cable to Computer's port labeled "keyboard".
4. Connecting the keyboard cable to the "inside" connector of the base unit.

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4. INSTALLATION NOTES

4.1 Windows 95/98

The Behind-U Workstation Alert System supports Windows 95/98. The installation program will suggest that the user reboot the computer prior to using the program. It is suggested that the user reboot, but please follow the installation procedures outlined in section 3. It's acceptable to connect your Behind-U base unit either before or after the reboot sequence. It is suggested that you do not attach it when the unit is running when using in conjunction with Windows 98.

4.2 Windows 2000

Many "RECENT" generation computer systems use APC features (Advanced Power Configuration) that are supported in the MS Windows 2000 Operating System. In most

cases, this is accessed through the system BIOS that resides on the motherboard. Please follow the manufacturer's instructions to DISABLE the APM feature.

If you are installing the Behind-U Workstation Alert System under Windows 2000, you may be presented with a "Digital Signature Not Found" warning for "Unknown Software Package." Please click "Yes" to both warnings to continue installation.

The installation of the Behind-U Workstation Alert System and Program software is limited to a single Windows OS boot system. Installation onto a second OS on a dual boot system will fail. The Behind-U Workstation Alert System requires that the base unit be attached to a single workstation keyboard port. The user may find that the product "Appears" to function as designed when connected to a device that serves as a Master Control Switch. These devices, such as the Belkin Dual System Control Console, are designed for connecting two computers to a single keyboard, monitor and mouse and "toggling" between them. Regardless of the fact that the user has installed the Behind-U Workstation Alert System Program software on each of the computer systems, the products base unit may demonstrate erratic performance behaviors. Product malfunction or damage incurred while using the Behind-U Workstation Alert System Software in this scenario is NOT WARRANTED.

4.3 Upgrading from Windows 98 to 2000 or XP

If you have installed a Behind-U Workstation Alert System under Windows 98, and the system has then been upgraded to Windows 2000 or Windows XP, you MAY need to uninstall and re-install the Behind-U Workstation Alert System software. In any case, if the Behind-U Workstation Alert System software does not function as expected, simply uninstall and re-install the Behind-U Workstation Alert System software using the Windows "ADD/REMOVE Programs" icon located in the "CONTROL PANEL" folder. For best results, UNINSTALL the Behind-U Workstation Alert System Software through the Behind-U UNINSTALL feature. This feature can be found in the directory for Behind-U under the "PROGRAMS" menu that is listed and accessible by clicking the "START" button located in the lower left hand corner of the Windows Desktop screen.

PLEASE NOTE:
When using Windows 98, it is recommended that you refer to your Microsoft Windows User's Manual for settings/performance modifications related to the COMMAND.COM and AUTOEXEC.BAT files. Windows 98 is somewhat dependent on these files for system configuration settings, more so than Windows 2000 or Windows XP Operating Systems. Failure to modify some settings according to Microsoft's recommendations could result in the failure of the Behind-U Workstation Alert System and Software to perform as designed. For more information on this and other issues pertaining to "Upgrading Your Windows OS", visit Microsoft's Windows WEB site at www.Microsoft.com. The Behind-U Workstation Alert System Software installer will install required supporting applications that may not be certified for Windows 2000. The certification process ensures users of the most robust driver. Be aware that certification messages are unrelated to the Behind-U Workstation Alert System base unit. The Behind-U Workstation Alert System also supports an application referred to as an "Executive Management Screen". This screen is listed as the first selection of the "Behind-U Menu"

selection screen and is named simply "Behind-U". It's listed with all of the other programs you may have open on the task bar when the Behind-U Workstation Alert System software program is launched. Selecting this program as your cover screen will NOT cover the screen. Instead, it brings up warn.bmp that is displayed at the bottom of the user's screen. This feature is designed for people who do NOT want to launch a cover screen, but would rather simply be notified when someone enters their workspace. The user can change this graphic to any graphic they choose to serve this function, but the new graphic must follow the same naming convention (i.e. it must be renamed "warn.bmp"). To do this, migrate to where this warn.bmp file is located and RENAME the default warn.bmp file to something like warn2.bmp. Then, copy your file that you'd like to use for this function to the same directory where the warn.bmp file was originally installed when the installation process first loaded the Behind-U Workstation Alert System program. Make sure to rename the new file warn.bmp or it WILL NOT be recognized by the Behind-U Workstation Alert System program. Also, you MUST make sure it's an actual Windows Bitmap image file (these files use the extension .bmp after the file name). For more information on Bitmap files, consult the Microsoft web site at www.Microsoft.com.

5. Sensor Setup Location Recommendations

For best sensor performance, it is recommended that the sensor be installed as close to "Human Head" level as possible. The sensor is sensitive to characteristics associated with the room's lighting. For example, in a home environment where the lighting is considered ambient, the sensor should demonstrate greater sensitivity or a wider field of view (the angle left or right from the sensors "bubble"). In an office environment, this field of view might be noticiably less. The distance, however, should be relatively similar.

6. IMPORTANT NOTES

For correct installation of the Behind-U Workstation Alert System, it is recommended that the user install the Behind-U Software Program BEFORE connecting the Behind-U Workstation Alert System to the computer. Please NOTE that the Windows Hardware Wizard will NEVER notify the user that "New Hardware Has Been Found". The Behind-U Workstation Alert System is transparent to your computer system's hardware and peripheral configuration. The ONLY way this product can function as designed is by installing and ENABLING the Behind-U Software Program. This program is installed via the Setup CD-ROM disk that is shipped with the product.

The Behind-U Workstation Alert System is sensitive to the Power Up/Power Down sequence associated with the computer's HARDWARE BOOT process. It is ABSOLUTELY IMPERATIVE that the computer completely shuts down with POWER OFF for the Behind-U Workstation Alert System to properly RESET and operate as designed. Prior to restarting the computer (turning the computer "ON"), it is NECESSARY that the user wait approximately 30 seconds. This will allow the Behind-U Workstation Alert System's circuit to completely RESET and enter a QUIET MODE during the initial hardware handshake that takes place between the computer system (and

BIOS) and the keyboard BIOS. IF THIS HANDSHAKE (INITIALIZATION) SEQUENCE IS INTERRUPTED, THE KEYBOARD WILL NOT BE RECOGNIZED BY THE COMPUTER AND APPEAR TO BE IN A LOCKED OR "DEAD" STATE WHEN THE WINDOWS OPERATING SYSTEM COMPLETES THE "STARTING WINDOWS" PROCEDURE. If this happens, use the mouse to navigate to the Start Button, click the Start Button and select "Shut Down" from the start menu. After shutdown, wait approximately 45 seconds before POWERING UP the computer again.

7. KNOWN ISSUES

Some PC/Windows based games do not operate in a standard MS Windows "Window". If the user finds this to be the case, BE WARNED that the Behind-U Workstation Alert System and Software WILL NOT cover the screen as expected! It is best to read the User's Manual that shipped with the game in question in order to determine whether the Game's operating parameters meet the requirements necessary for the Behind-U Workstation Alert System and Software to perform as designed. Generally, it is an acceptable practice to LAUNCH the Behind-U Workstation Alert System Software from the "PROGRAM MENU" AND "START" button in order to test for compatibility and proper function. Make sure to start the Behind-U Software prior to LAUNCHING the Game in question and select a "Cover Screen" as you normally would when using the Behind-U product software. If the selected "Cover Screen" fails to raise when the sensor is triggered, the Game is most likely running in a DOS mode that's similar to very old PC-based games. Although rare, if you should have a problem during this compatibility test, press the "CTRL + TAB" keys simultaneously and toggle back to the "Windows Desktop" icon with the arrow keys. Release the "CTRL + TAB" keys when the Desktop icon is highlighted or surrounded by a square. Your Desktop screen should now be the top window, and the Game's name will be on a Taskbar Button at the bottom of the screen. Close the Behind-U Workstation Alert System Software program before re-initiating the Game.

In some instances, the program you are trying to cover with the Behind-U Workstation Alert System Software may "Bleed Through" the "Cover Screen" that you have selected. This is considered a normal occurrence when using the Behind-U Workstation Alert System Software with chat programs such as Yahoo Messenger, ICQ, and AOL Chat Client, as well as WEB based video programs like Microsoft's NetMeeting. These programs are running "Real Time" functions and the streaming content forces their Primary Window to the top-most position of the Windows Desktop screen. When the Behind-U Workstation Alert System Software is first launched and initialized by the Desktop Manager (approximately 30 seconds), the Taskbar Registry assigns the highest rank to the Behind-U Workstation Alert System Software. The Behind-U Workstation alert System Software program will then function as designed and the user should no longer incur any "Bleed Through" screens.

Some computer software programs may have the CTRL+ALT+P command sequence programmed/configured to perform a predetermined application function while working the program itself (such as Save, Pause or Switch). This issue can also be found in game programs that use multiple keyboard command sequences to carry out functions or

perform complex maneuvers. Please refer to the program's User Manual for information on disabling or removing this "Hot Key" sequence or shortcut. The command sequence that comes standard with the Behind-U Workstation Alert System cannot be changed or modified in any way. Product malfunction or damage incurred from attempting modify or "Hack" around this issue in order to use the Behind-U Workstation Alert System in a manner for which it was designed is NOT WARRANTED.

When using the Behind-U Workstation Alert System with Windows 98, the "Pause Game Window" seldom fails to display the keyboard command sequence as selected by the user. This feature and corresponding command are required to "Pause" the application just prior to raising the cover screen. This feature is located at the bottom of the Behind-U Program software "Select Cover Screen" Window. Although the command sequence is not displayed, the user should press the appropriate keys to perform the Pause function, check the "ENABLE" box to the left of the test string command window and continue on as if it were displayed. After minimizing this Window, immediately Maximize it again by clicking the Behind-U Program Icon located in the Tool Tray in the lower right hand corner of the screen. The "Cover Screen" Program Window should then display the appropriate command key sequence that was previously selected.

There have been found to be operating issues when using the Behind-U Workstation Alert System with Laptop computers that run either stand alone or in conjunction with a docking station. If you are using a notebook computer with a docking station and external keyboard, it is recommended that the user connect the Behind-U Workstation Alert System base unit after the notebook has booted. Some notebooks experience a very long boot sequence or follow a different booting scenario than a normal desktop computer system. This may contribute to an inability for the Behind-U Workstation Alert System to successfully get passed the booting sequence. Also, please note that some laptops have a special port that LOOKS like a keyboard port on the back or side of the laptop enclosure. In many cases, a special connector cable is required from the manufacturer of the laptop in order to connect an external keyboard OR mouse to this port. Please consult the manufacturer's user manual for information about using an external keyboard port when the laptop computer is NOT docked in the manufacturers recommended docking station.

WARNING

- ESD may damage or reset the sensitive electronics contained in the 8x8 unit during installation or during normal operation.
- Do not remove the plastic protective covers on chassis connectors until needed for attaching cabling options. Save these removed plastic protective covers for possible future use.

To prevent damage, please observe the following:

- Do not remove the 8x8 unit from its packaging until you are ready to install it.
- Do not touch any of the pins or connectors of the 8x8 unit.

- Handle the 8x8 unit only by its edges that do not have connectors.
- Always wear an anti-static wristband connected to a suitable earth point.
- Always store or transport 8x8 units in appropriate anti-static packaging.

After installing the 8x8 unit appropriately, do not touch the 8x8 unit or associated interconnected wiring, unless wearing an anti-static wristband.

8. CONTACT INFORMATION

For additional information, please visit us at the Behind-U Workstation Alert System WEB site via the 8x8 web site at www.8x8.com or the official product site at:

Web Page:	www.Behind-U.com
(408) 727-1885	Sales and Information Center
support@behind-u.com	Technical Support

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