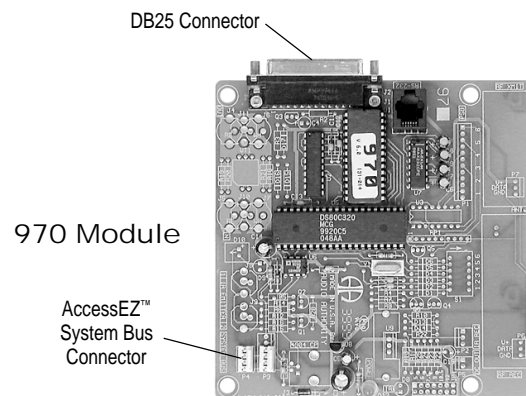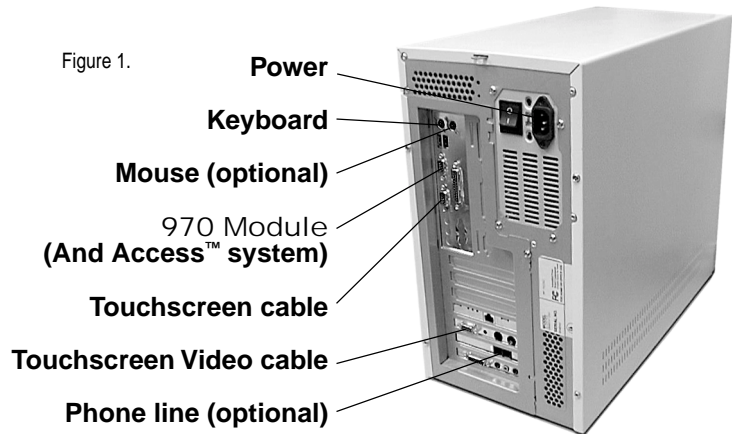# AccessPC™ Installation and Operation Guide

Getting Started

Installing the Hardware

1. Power off the Access system.

2. Find a suitable location for the PC in or near the display.

3. Connect the touchscreen (DB9) to COM2* on the PC.

4. Connect the DB15 video cable to the touchscreen and PC video card.

5. Connect the 970 module to COM1* (DB25 to DB9) on the PC.

6. Connect the 970 to the Access system bus.

7. Connect the PC keyboard.

8. Connect the PC power cable.

9. Connect the touchscreen power cable.

Optional:

10. Connect a PS/2 style mouse**

11. Connect phone line to PC modem (required for remote support option)***

Figure 1.

Power
Keyboard
Mouse (optional)
970 Module (And Access™ system)
Touchscreen cable
Touchscreen Video cable
Phone line (optional)

DB25 Connector

970 Module

AccessEZ™ System Bus Connector

Hardware and Software Needed:

In addition to a CPU which meets the requirments described to the right, you will need the following items for installation:

- An Access Model 970 serial interface module for 2-way communication between the Access system and the PC.

- A touchscreen (An Elo 15" or 17" IntelliTouch is recommended)

- Maid 2000 CD from Sound Solutions (or later, requires converter software provided on AccessPC CD)

- Included cabling from the PC and touchscreen manufacturers.

System Requirements for AccessPC™

AccessPC runs on any IBM compatible machine that meets or exceeds the following specifications:

- A 133 MHz Pentium™ CPU (or equivalent)

- 32 MB of RAM

- A 2 MB video card that is capable of 800x600x24 bits per pixel

- A 2 GB hard drive

- A CD-ROM drive

- 2 RS-232 serial ports

- Windows™ 95 or 98 operating system

- A standard keyboard

- An optional PS/2 style mouse (or serial mouse not sharing an IRQ)

- A 56K modem and access to a single analog phone (required for remote support option)

* Actual configuration may vary.
** If connector is present. Note it is possible to use a serial mouse on a COM port that is not sharing an IRQ.
*** Please note that COM1/COM3 and COM2/COM4 share IRQs so try to avoid IRQ conflicts. Some installations may share an IRQ between the touchscreen and the modem, but only one may be in use at a time. Most installations performed by Audio Authority will use separate IRQs so all devices can be used at once if the hardware configuration is possible.
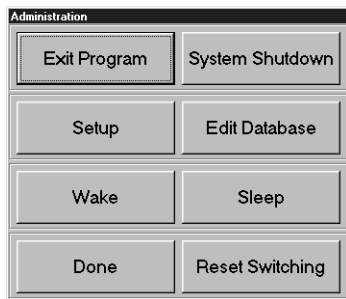
Figure 2.

Software Installation

Apply AC power to the PC and the Access System. After the operating system is finished loading, insert the CD into the CD-ROM drive and the install program will autoload. This program will guide you through the installation process. Please be sure to read the end user license agreement. After the installation process is complete, please follow the manufacturer's instructions for calibrating your touchscreen. Next, select "START" then "Maid2000 Database Converter" and place the Maid2000 CD into the selected drive; follow the onscreen directions. Now double click the AccessPC icon on the desktop to load the program. During this first run the software may display error messages because the hardware does not match the defaults. This is normal. Once the software is loaded, touch the small text on the bottom of the bl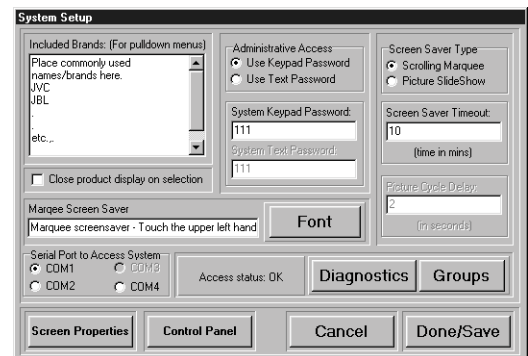ue frame (see Figure 5, detail 7) to bring up the administrative password dialog. The default password is "111". Once the correct password has been entered the administrative dialog will appear (Figure 2). Touching the edit field on the numeric keypad will clear it.

System Setup

Press "Setup" to display the system configuration dialog (Figure 3). Refer to the section below to configure AccessPC to your preference. Select "Done/Save". Then press "Exit Program" and reload AccessPC. If you encounter any errors at this point please double check all connections and PC hardware for mis-configurations *before* calling Audio Authority technical support. At this point you may begin building the product database for the display (see Editing the Product Database).

Figure 3.

- **Included Brands:** place commonly used brands in this box. These items will be accessible when editing the product database via pull-down menus.

- **Administrative Access:** this option allows for the selection of either a numeric password that can be entered via on screen numeric keypad or an alphanumeric password entered via the keyboard.

- **Screen Saver Type:** this item allows for the selection of either a marquee scrolling a user defined message or displays a picture slide show which is user defined. All files reside in the SCRNSAVR directory (C://PROGRAM FILES/AUDIO AUTHORITY/ACCESS PC/SCRNSAVR). These files must be BMP format. Pressing the upper left hand corner of the display terminates the screen saver.

- **Time-out:** this is period of inactivity in minutes before the screen saver becomes active.

- Cycle delay: the number of seconds to display each picture in the picture side show.

- **Marquee Settings:** enter the message you wish to display when the marquee screen saver runs, and choose a font for the marquee text.

- **Serial Port Selection:** you may manually select the serial port to which the Model 970 is connected. (AccessPC detects the 970 automatically, so no adjustment should be needed.)

- **Access diagnostics:** displays a list of detected modules, a list of the currently selected modules/positions and displays an error message if required modules are not found or if modules are not addressed correctly. In the diagnostics dialog, pressing the "Reset/Check" resets the Access system and forces the Model 970 to poll the system modules, and check for system changes.

- **Groups:** allows modification of default product group settings on Access switch modules. Make sure all group addresses in this dialog box match your switch module settings.

- **Screen Properties:** calls up the Windows95/98 display properties dialog.

- **Control Panel:** calls up the Windows95/98 system control panel.

- **Cancel:** exit but save no changes.

- **Done/Save:** exit and save all changes.

- **Close Product Display on Selection:** automatically closes the product display list when a selection is made.
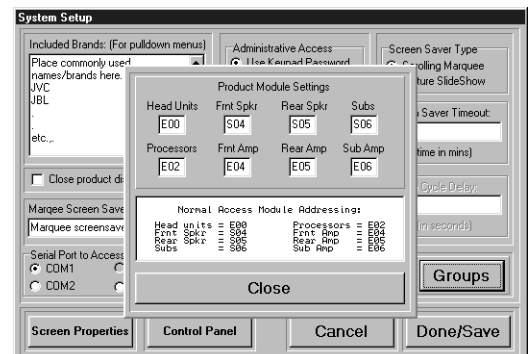

Figure 4.

AccessPC Operation Guide

The main screen is where all product selection occurs (Figure 5). All operating system keyboard functions are locked out while in the main screen. To shutdown the system or exit AccessPC, use the Administrative Mode. To use the Administrative Mode, touch the line of text on the bottom of the blue frame (Figure 5, Detail 7).

Using AccessPC

To select a product, you may press either the product group button or the selection display area (1) to bring up the product list. Each time you make a new selection, the price appears in the right hand column, and the System Total window is updated to reflect the new configuration. To add another speaker pair to the pair already playing in a speaker group, "double click" the product group button or press the selection display area (2) for the second speaker pair in the group.

Press the "Info" button next to each product group to display the product information field (if any). To designate a particular vehicle using the MAID 2000 database, press the Brand/Model button (3). Your selection then displays in the purple area (4). To access fit guide details, press one of the four green buttons (5) or the description area adjacent to it. A white text box pops up. Simply touch it to close the box. For a larger view of any of the photos, touch the photo (6), and touch the maximized photo to minimize it.

To save a system in flash memory, select the system you wish to save, then press either System A or System B until the button is surrounded by a red box, then release. The system is now stored. Press briefly to recall. Press the Select Previous button to toggle between the current system configuration and the last system configuration selected. To save a system configuration in permanent memory, press Save System. A dialog appears

Figure 5.

where you can use the keyboard to enter a number or text string by which to recall the system. If the keyboard is not available, touch the dialog area where the cursor is to bring up a keypad. After you fill in a number and press enter, the system is saved. To recall a system, press Recall. A dialog box appears. You may bring up the keypad as you did previously to enter the number the system is saved under. Now all systems saved under that number are displayed. As soon as you choose a system, it is selected, but the dialog remains to allow comparison between saved systems. Press Clear to recall another saved system, or Done to return to the main screen.
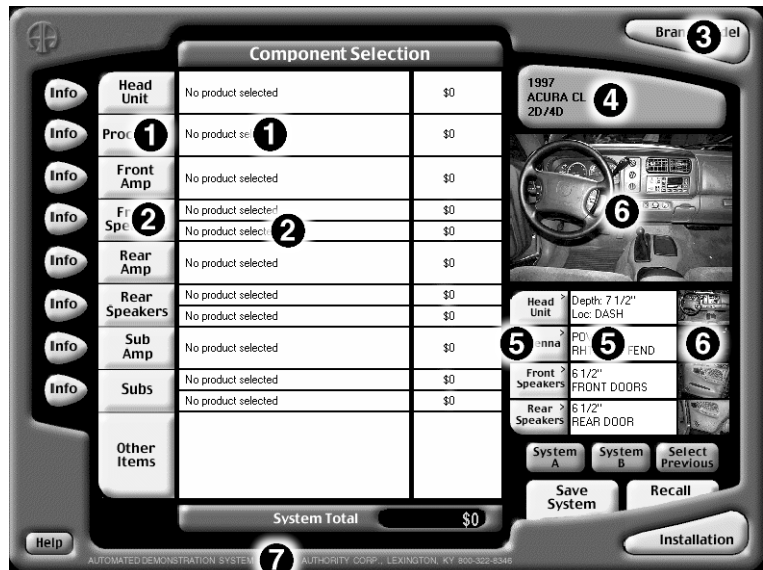
Editing the Product Database

Press the small text on the bottom of the blue frame (Figure 5, detail 7) to access Administrative Mode. Type in the password (default password is 111) and press enter. Choose Edit Database. In the Database Editing window, choose the product group you wish to edit by pressing one of the buttons at the bottom of the window (Figure 5).

To edit an existing record, type in the information for each field, and press Tab, Enter, or select the next field using the touchscreen, mouse or keyboard. To add a record, press the "Add Record" (+) button, or use the arrow keys to scroll down to the bottom of the database until a blank record appears. To remove a record, select the product, press the "Add Record" (–) button or press ctrl-delete on the keyboard.

The contents of the "Brands" pull-down menu can be edited in the System Setup dialog box. Add your most commonly used brands, so that they are spelled correctly and abbreviated consistently. Amplifiers are sorted by type within one group so that one amp may play in up to three positions. Use the pull-down menu to choose the desired combination. When you have finished editing the database, click the Post Change button to make all changes effective. Click Done to return to the main screen.

Database Editor
Field Descriptions

- **SKU#:** use any alphanumeric scheme to identify product for internal use.

- **Position:** the corresponding position for this product as it is connected to the Access switching system. (The first position is always zero, not one.)

- **Brand:** the brand of the product. Pressing the drop down arrow displays a list of brand names that are defined in the setup/brands section.

- **Model:** the model of the product.

- **Price1:** the selling price of the product. This value MUST be entered (zero is acceptable).

Figure 6.

- **Description:** a description of the product which can be a maximum of eighty characters.

- **Features:** a listing of the products' features which can be a maximum of eighty characters.

- **War_Period:** the product warranty period.

- **Date Created:** not used internally by the software, used to show when the product was entered. (optional)

- Date Discontinued: not used internally by the software, used to show when the product should be removed. (optional)

- **Comments:** use the place to add any other comments, this field is displayed at the bottom of the info window. Again, a maximum of eighty characters may be entered.

- **Type (Amp section only):** defines the type of amp and where it is displayed in the product selection list. (Note: this also defines the Access module group. Normally this is Front = E04, Rear = E05 and Sub = E06.) Pressing the drop down arrow displays a list of possible combinations. Choose from the menu only.

- **Amp_Position (Amp section only):** the corresponding position for this product on the Access module.

2048 Mercer Road, Lexington, Kentucky 40511-1071
Phone: 606-233-4599 • Fax: 606-233-4510
Customer Toll-Free USA & Canada: 800-322-8346
Website: http://www.audioauthority.com

Technical Support

If this guide does not help solve any problem you encounter, call Audio Authority Technical Service at 800-322-8346, M-F 8:30 a.m. to 5:00 p.m., EST.