

SW-A Bell Controller Quick Start

The Universal App is for use with all versions of Windows (Windows 95 up to Windows 8.1). The Microsoft .Net App is for Windows XP (service pack 3), Windows Server 2008/2012, Vista, Windows 7, Windows 8/8.1 and Windows 10

(1) **To install the Universal App:** click the install button on your installation CD or run setup.exe in the Application folder. If you receive a message that the file you are installing is older, keep your existing file by clicking yes. If your operating system is Windows Vista, Windows 7 or 8, be sure your folder permissions will allow you to install to and modify the Program Files folder. The AR-2 .ini file is installed in the C:\Program Files\AR-2 Load Controller folder. NOTE: The SW-A installer has been compiled using Windows 2000 installation libraries to allow use with most Windows operating systems. When installing to Windows Vista or Windows 7, you may receive a certification and/or registration error (click ignore), this only results in missing information in the Windows registry and will not effect the SW-A program. When installing on a 64 bit machine, you will need to copy the AR-2 Relay folder (in the X86 Program Files folder) to the Program Files folder so that the application will be able to find the .ini file (right click on the AR-2 folder and select copy, then right click again to paste in the Program Files folder).

To install the .Net App*: click the button on your installation CD or run setup.exe in the Application/DotNet folder. The AR-2 .ini file along with time and holiday settings are saved in the C:\eeci\ar-bell folder.

*Please note that the Microsoft .Net Framework must be installed on your system. If the .Net Framework is not installed on your computer, the installation program will attempt to download and install the .Net Framework from the Microsoft web site through your internet connection. This may take 5 minutes or longer. In order for the .Net Framework to install correctly, your computer must be up to date with Windows update. This is especially important with Windows XP and Vista. You may update your computer by clicking on the start button, All Programs, Windows Update and clicking on "Check for Updates".

Connecting the AR-2, AR-2S or AR-2MF to a USB port: When the SW-A Bell Controller software is used with a USB port, the USB com driver must be installed in addition to this software. Please refer to the driver installation procedure supplied with the AR-2, AR-2S or AR-2MF.

(2) **The default com port** is Com 1. If you are using a different com port, you must change when you start the SW-A software (enter com port when prompted and restart the program or double click on the Com port label and restart). The com port setting may also be changed in the ar-set.ini file (located in the C:\Program Files\AR-2 Bell Controller folder or bell-set.ini in the C:\eeci\ar-bell folder). This file should be edited using Notepad. The com port is line 1. When using the CO-USB cable to connect to the AR-2, you must remove the two hex screws on the AR-2 DB-9 connector.

(3) **Start the SW-A Bell Programmer** from the Start button or from the desktop shortcut. The current day relay status will be displayed inside the Relays frame (Bell off is green, Bell on is red*). The Events frame will display the bell events for Relay 1. Com port is displayed at the lower right.

To display or set events for different relays, click on the relay label.

To display or set events for different days of the week, click on the day.

To add a ring time event for the current relay and day of week, dial in the time using the pull down arrows (hours are in 24 hour format). Select the ring duration (1 to 30 seconds) for this event using the Delay pull down arrow. Click the red Add Ring button to store the event.

To delete an event time, select the time (time will turn white) and click Delete.

To rename a relay, double click the relay label or change in Setup.

To change the Com port, double click on the Com label, enter new Com port and restart the SW-A application.

To set a holiday date, click the menu item Holiday or Setup. The regular day of week schedule is suspended on the holiday date and the holiday schedule will be implemented.

To copy all time events for the current day and relay, click Copy.

To paste all time events to the current day and relay, click Paste.

To save the current time schedule, use the menu item File and Save. The current time schedule is automatically saved if the program is exited using the menu item File and Exit or clicking the red X on the top right.

To use ALT relay commands (to prevent relays from toggling on startup). In setup, select ALT under relay command and click apply. Re-start Bell controller software for change to take effect. NOTE: this feature is only for use with the AR-2MF.

* each relay has normally open (NO) and normally closed (NC) contacts. You will typically connect to the NO contacts so your bell will be off when the relay is not energized. This allows all your loads to remain off when power is removed from your system.

**For assistance, please contact EECI support at (937) 349-6000
www.eeci.com**