



Low Temperature/Furnace Fail Installation Instructions

Low Temperature/Furnace Fail
Automatic Voice Dialing System
Part Number 7030

Caution! Do not use the dialer
if a gas leak is suspected or
during lightning.

1. Disconnect Power. Make sure auto dialer is turned "off" prior to wiring and phone line hook-up. Before beginning the installation, read the entire contents of the Installation and Instruction manual for "United Security Products Model AVD-45b Automatic Voice Dialer."
2. Determine mounting location for the Auto Dialer and Low Temperature Switch. The location should be inside the dwelling close to a wall outlet and phone jack.
3. Mount the low temperature switch on a wall at the desired location. Remove the low temperature switch enclosure screws and locate the 3 mounting holes on the base. Use appropriate screws to mount the base to the wall. Leave cover off until testing is complete. See Figure 1.
4. Wire the "two" wire cable into a telephone outlet. See Figure 2.
5. Place a standard 9 volt battery in the back of the auto dialer to provide 4 hours of continuous battery back up for the auto dialer. See Figure 3. Use two screws spaced appropriately on the wall at the desired location and mount the auto dialer to the wall. Plug the power supply into a standard 120 VAC, 50/60 Hz. The unit should be on - check the display for text to appear on the screen indicating power to the unit.
6. Program the auto dialer per the instruction manual entitled, "United Security Products Model AVD-45b Automatic Voice Dialer" **Note: When programming make sure the input is selected as NC for normally closed. See back side for additional programming instructions.**
7. Test the system by activating the low temperature switch. To simulate activating the temperature switch, remove the "YELLOW" wire from under the screw terminal of the low temperature switch. See Figure 1. The auto dialer should begin to call out with an outgoing alarm message (if properly programmed). The auto dialer will remain activated until the low temperature switch resets (when the temperature is above 40 degrees F.) Replace "Yellow" wire under screw terminal of the low temperature switch and re-tighten. The auto dialer should go back to normal operating condition. Screw the front cover to the base of the low temperature switch to complete the installation. See Figure 1. The system will call and leave the message twice and will then stop sending the message. You may also press "M" to stop the call routine while the system is in alarm condition. When the temperature rises above 40 degrees the switch and system will automatically reset.
8. Test product weekly to ensure system integrity and replace batteries as needed.

Figure 1

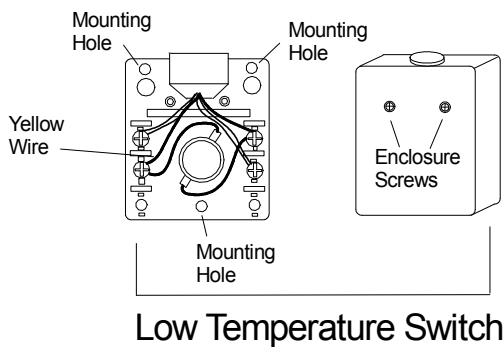


Figure 2

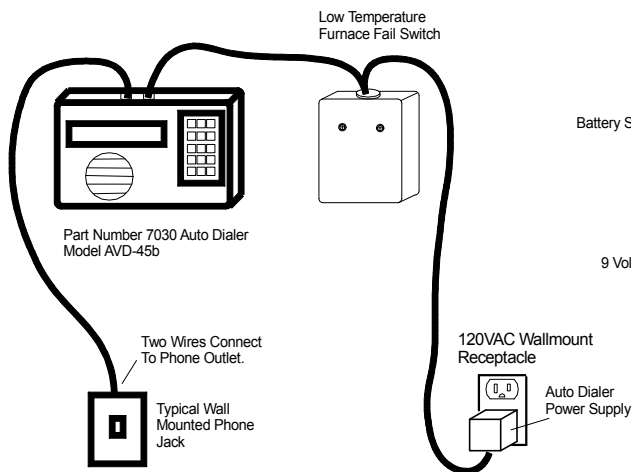
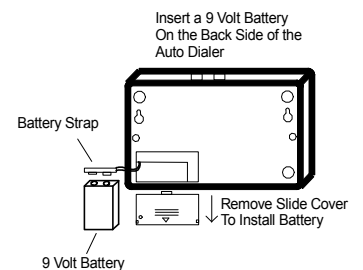


Figure 3





Quick Start Programming

For those applications not requiring a pager connection or PBX (Dialing a digit to access an outgoing phone line), you may use the Quick Start Programming Instructions. If testing does not pass after programming the unit, read the entire installation and instruction manual for "United Security Products Model AVD-45b Automatic Voice Dialer." Before programming, read pages 2,3,6,15 and 16 of the manual.

1. Make sure the unit is powered up. Press the "M" key twice to place the unit in the programming mode. Display should read: Program: Numbers. Press "1" for (Yes).
2. Enter Number will be displayed. Use the digits on the keypad to enter all the digits of the first number to be dialed. Check the LCD while programming to make sure the correct numbers are pressed. If programming long distance, remember to enter 1+area code. Example: If a long distance number, the LCD might look like, 12184731234 and if not long distance the LCD might look like 4731234. Do not use spaces or hyphens.
3. After the digits are entered for the first number, press "P" and the LCD will display "ENTER MEMORY LOCATION 1-4" Press "1" for first location. Display will then read "PROGRAM: NUMBERS" Press "1" if you want to program a second number. If you do not wish to program any other numbers press "2" for (NO). **Up to 4 separate numbers may be programmed.**
4. After you have programmed all the numbers and have pressed "2" for (No) at the "Program: Numbers" prompt, the display will read "Program: T-Line". Press "2" for (NO)
5. The LCD will now read "Program: OGM". This is your 16 second message that will be played by the auto dialer. Press "1" for (YES). Press and hold "*" to record your message remembering that you have 16 seconds. Locate the microphone on the front lower left corner. **For best results while recording, speak about 12 inches from the microphone in a clear and normal voice.** Press and hold the "*" key for the duration of the message and begin speaking your message (the word "recording" will be displayed). When the "*" key is released the message will be stored into memory. If your message goes beyond 16 seconds the display will read "DONE". If you wish to change your message, repeat the preceding steps. The new message will automatically replace the previous message.
6. When you are finished recording your message and you release the "*" key the display will read "Program: Channel", press "1" for (YES). The display will read "EXIT DELAY", press "2" (OFF). The display will read "ENTRY DELAY", press "2" (OFF). The display will read "N.O./N.C.", press "2" (N.C.) The display will read "N.O./N.C.", press "2" (CONT). Display will read "PROGRAM: NUMBERS", if you are done press "M" key twice so the display reads "OPERATE". The unit has now been programmed and is ready for testing.
7. Test the system per instruction number 7 on the front page of the installation instructions.

If a mistake is made will programming, you may always exit and re-enter the program mode and re-enter the correct values. To exit anywhere within the program press "M" key twice. The display will read "OPERATE". To get back into the programming mode press the "M" key twice. You will now be ready to re-program.