

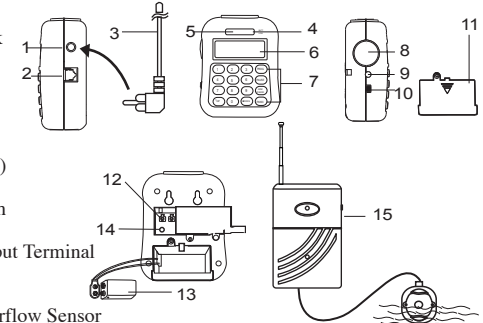
INTRODUCTION

Our unique Wireless Water Alarm System with Auto dialer will provide you with early warning before water damages occur. Choose a location where water damage may occur to install the wireless water sensor, and a desired location for the auto-dialer, set the auto-dialer at ARM mode. Once water is detected, the auto-dialer will turn on the built-in siren and dial out the pre-programmed telephone numbers one by one, for a pre-programmed cycles. You can set the auto-dialer to chime mode, you will hear one chime only when water is detected.

IMPORTANT SAFETY TIPS

1. Do not install the system where it will be exposed to direct sunlight or rain.
2. The built-in siren is very loud, never put the system close to your ear.
3. The system should be installed away from heat sources such as radiators, heating ducts and stoves.
4. If the system sounds at random, it is possible that the installed location is too close to a heat source, changing the location or direction of the unit can correct the problem.
5. The system will provide early warning protection for your home and property from water damage if you use it properly. However, this system cannot guarantee protection against water damages. Therefore, we will not be responsible for any losses or damages occurred during use of this product.

DESCRIPTION OF COMPONENTS

1. Antenna Jack
 2. Telephone LINE Jack
 3. Antenna
 4. Battery Low LED
 5. Ex Power LED
 6. LCD Display
 7. Numerical Keys
 8. Buzzer (built-in siren)
 9. DC 9V Jack
 10. Chime on/off Switch
 11. Battery Cover
 12. External Trigger Input Terminal
 13. 9V Battery
 14. LEARN button
 15. Wireless Water Overflow Sensor
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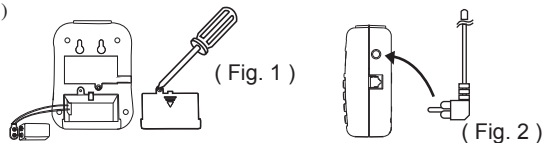
FEATURES

- Wireless Water Sensor, detects water and sends out RF signal to auto-dialer, and activates built-in siren.
- Auto-dialer can dial out emergency telephone numbers and activate built-in siren
- 14 Digits large number LCD display with date/time
- Programmable security code, entry delay timing
- Programmable 5 emergency telephone numbers (up to 32 digits each)
- Programmable auto dialing cycle
- Triggered Event Recorder, can record the last 5 triggered events.
- Built-in flash memory to protect system data during power failure
- Battery Low LED indicator
- Tone dialing only
- Chime ON/OFF switch
- Built-in 105 dB siren with programmable siren sound on/off

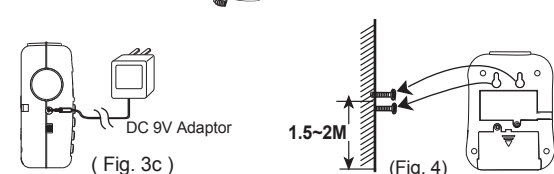
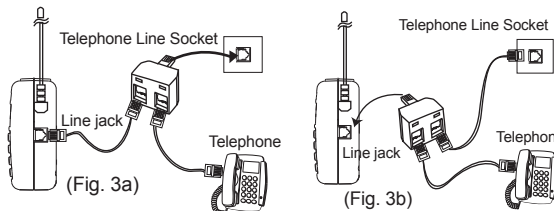
- Expandable wireless system, up to 8 compatible wireless sensors can be connected. You can also purchase additional water sensors. (SK616)
- Two External Trigger Input Terminals, compatible with wired magnetic sensor (SK619), and wired water sensor (SK606). They can be purchased separately.
- AC adaptor operated (included) with 9V battery back-up (included)
- Wall mountable, mounting hardware included

INSTALLATION

1. Remove the screw from battery cover of main unit, install 9V battery. This is a back-up battery. This battery will keep the unit working in case of power failure. (Fig.1)



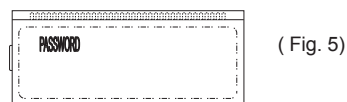
2. Plug in the external antenna into the antenna jack (Fig.2). The antenna should be vertically straight up for better reception. Straighten the antenna if it's bent.
3. The supplied telephone line splitter can be installed into your telephone wall socket. (Fig.3a) or the LINE Jack of the auto-dialer (Fig.3b)
4. Now using the telephone wire supplied, insert the small clear plug into the LINE jack on the auto-dialer and the other end into the telephone line splitter, (Fig.3a) or insert your telephone line splitter into LINE Jack of main unit, then telephone wire supplied into wall socket. (Fig.3b)
5. Your existing telephone line can now be inserted into the telephone line splitter. (Fig.3a/b)
6. Connect the AC adaptor to the DC 9V jack on the auto-dialer. (Fig. 3c)



7. Wall mount option: Choose a suitable location, drill holes and install anchors and screws. Place the auto-dialer over the screws and slide it down to secure it in place (fig 4).

SYSTEM AUTO-DIALER SET-UP

- This set-up can only be done in disarm mode. During set-up, if no key is pressed for 10 seconds, the auto-dialer will automatically exit set-up mode.
- Your auto-dialer has a factory preset password of 0-0-0. This can now be changed to your personal password.



1. TO CHANGE PASSWORD
 - a. Enter factory pre-set password 0-0-0, Press PROG button once, PASSWORD will flash on the auto-dialer screen. (Fig.5)
 - b. Press the ARM/DISARM button to confirm that you want to enter the PASSWORD.
 - c. Enter your new password then press the ARM/DISARM button to confirm (you can choose up to 6 digits in your password).
 - d. Press the PROG button seven times to exit set-up mode.

NOTE: PASSWORD RESET

If you forget your password, Switch CHIME to ON position for audible sound assistance, press and hold down the PROG button for up to 2 seconds, after a beep, press PAUSE button which will generate a beep, remove the battery and disconnect AC adapter. Wait 3 minutes then reinsert the battery and plug in the AC adapter. After a chime, wait for a minute for a beep sound. The auto-dialer is now reset. The password is now set back to the factory default setting of 0-0-0. Other setups previously entered will be lost and the auto-dialer is restored back to the factory default settings. Switch CHIME back to OFF position.

2. TO PROGRAM EMERGENCY TELEPHONE NUMBERS

- a. Enter password followed by PROG button twice.
- b. MEMORY will flash on the auto-dialer screen. (Fig.6)
- c. Press ARM/DISARM button to confirm.
- d. You are now ready to program 5 emergency telephone numbers. Press the */UP or #/DOWN buttons to select memory location from 1 to 5.
- e. Now enter the telephone number you want to store, followed by ARM/DISARM to confirm (maximum of 32 digits, but only displays last 14 digits).
- f. Repeat steps c to e for the four other numbers you wish to store.
- g. Press PROG button six times to exit the set-up mode.

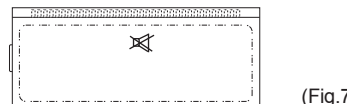


3. TO DELETE TELEPHONE NUMBER IN MEMORY

- a. Enter password followed by PROG button twice.
- b. MEMORY will flash on the auto-dialer screen. (Fig.6)
- c. Press ARM/DISARM button to confirm.
- d. Press */UP or #/DOWN buttons to select the number you want to delete.
- e. Press ARM/DISARM button to delete the number.
- f. Press PROG button six times to exit the set-up mode.

4. TO PROGRAM SIREN ON/OFF

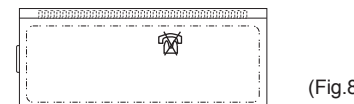
The auto-dialer has been factory pre-set with the siren ON. To change this to OFF:



- a. Enter password followed by PROG button three times.
- b. The "Siren" icon will flash on the auto-dialer screen. (Fig.7)
- c. Press ARM/DISARM to confirm.
- d. Using */UP or #/DOWN buttons to select SOUND OFF. Followed by ARM/DISARM button to confirm.
- e. Press PROG button five times to exit the set-up mode.

5. TO PROGRAM AUTO CALL FUNCTION ON/OFF

The auto-dialer has been factory pre-set with the call option ON. To change to OFF:



- a. Enter password followed by PROG button four times.
- b. The "Call" icon will flash on the auto-dialer screen. (Fig.8)
- c. Press ARM/DISARM button to confirm.
- d. Using */UP or #/DOWN buttons to select call OFF followed by the ARM/DISARM button to confirm.
- e. Press PROG button four times to exit the set-up mode.

6. TO PROGRAM AUTO DIALING CYCLE

The auto-dialer has been factory pre-set for auto dialing for 3 cycles (When water is detected the auto dialer will call all stored numbers 3 times). You can change this cycle from 1 to 5 dialing cycles.

- a. Enter password followed by PROG button five times.
- b. CYCLE will flash on the auto-dialer screen.
- c. Press ARM/DISARM button to confirm.
- d. Using */UP and #/DOWN buttons to select cycle times between 1 and 5 followed by the ARM/DISARM button to confirm.
- e. Press PROG button three times to exit set up mode.

7. REAL TIME SETTING

- a. Enter password followed by PROG button seven times.
- b. TIME will flash on the auto-dialer screen.
- c. Press ARM/DISARM button to confirm.
- d. The date will show on the auto-dialer screen as three sets of numbers: year, month, and date followed by the real time. The first set of numbers will flash confirming that these can now be changed.
- e. Enter correct year by pressing */UP or #/DOWN button, then press the ARM/DISARM button. The next set of number will start flashing, enter the month by pressing */UP or #/DOWN button, then press the ARM/DISARM button, and so on until all numbers have been entered. You will now have the correct date and time.
- f. Press PROG button once to exit set-up mode.

LEARN CODE FUNCTION FOR WIRELESS SENSORS

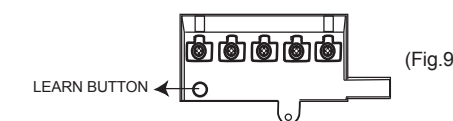
The wireless water sensor included in this package has been LEARNED to work with the auto dialer.

If the water sensor does not communicate with the auto dialer, you will need to RELEARN the wireless water sensor ID code to the auto-dialer.

The learn code can only be done while the auto dialer is in the disarm mode.

Follow these steps:

1. Open terminal compartment on the back of auto dialer. (Fig. 9)



2. Press and hold the LEARN button for 2 seconds, you will hear one beep then release the button, the unit is now ready to receive wireless RF signal from water sensor.
3. Trigger wireless water sensor by placing water sensor in a glass of water. (Water sensor may be on or off for this) It will send wireless RF signal to auto dialer, you will hear two long beeps confirming LEARN code function has been done successfully. When learn code is unsuccessful you will hear four short beeps, please relearn again. (Refer to WIRELESS WATER SENSOR section to setup the sensor)

TO TEST MEMORY DIALING

In standby mode, press and hold the PROG button for more than two seconds, you will hear a short beep, then key in the memory location of the telephone number, ie. 1 - 5. The telephone number stored in specified memory location will automatically be dialed. Press the PROG button to stop.

TO TEST THE WIRELESS RF SIGNAL RANGE

Install the auto-dialer and wireless water sensor at desired locations, switch the CHIME button on the side of the auto-dialer to ON, wait 60 seconds and then trigger wireless water sensor. The auto-dialer will receive a wireless RF signal from the wireless water sensor and a chime will sound. The range between the two units is approximately 200 feet. Switch the CHIME on the auto-dialer to OFF after this test.

(Refer to WIRELESS WATER SENSOR section to setup the sensor)

OPERATION

1. TO ARM THE SYSTEM

- a. Enter password followed by the ARM/DISARM button.
- b. Three short beeps will sound and the ARM icon will show on the auto-dialer screen.
- d. Wait for a minute for a short beep. The auto-dialer is now set at ARM and ready to detect water.
- e. Water sensor is always on once battery is installed. Switch ALARM button on water sensor to ON/OFF to turn on/off siren sound.

NOTE: Please ensure that the CHIME switch is set at OFF on the side of the auto-dialer before setting to ARM.

2. ALARM

- a. If the auto-dialer (in ARM mode) receives a signal from the water sensor, it will sound a SIREN for 30 seconds on and 30 seconds off, and will automatically dial the numbers stored, one by one, for the CYCLE (amount of times the numbers are dialed) you have chosen. You will hear the same siren when the call to you is answered. You can then call a neighbor, or take an appropriate action.
- b. In ARM mode, if the auto-dialer is set to SIREN OFF, the numbers stored will be dialed silently. No siren can be heard from installed location. When the call is answered you will hear a siren and know that water has been detected, you can then take an appropriate action

3. TO DISARM THE SYSTEM
 - a. Enter password followed by the DISARM button.
 - b. You will hear one beep and the ARM icon will disappear from the auto-dialer screen to confirm that the Auto-Dialer has been DISARMED.

4. DOOR CHIME ON/OFF
 - a. Switch the CHIME button to ON.
 - b. Wait for 60 Seconds, there will be one beep.
 - c. When water is detected in the protected area the chime will sound once only.
 - d. Switch the CHIME button to OFF to stop the chime from sounding.

NOTE: When the auto-dialer is in ARM mode the CHIME will NOT sound no matter what position the CHIME switch is in.

5. PANIC BUTTON
 - a. Press "PANIC" button on auto-dialer, the ALARM will sound instantly for 30 seconds, then off for 30 seconds again on for 30 seconds and then off, and the auto-dialer will begin dialing the stored numbers.
 - b. To stop the alarm sound and the dialing. Enter password then press ARM/DISARM button.

PAUSE FUNCTION

The "PAUSE" function can be stored as one digit in the telephone number memory for some dialing operations. Every one PAUSE in the memory dialing sequence will stop for 3.6 seconds. For example, if you want to store telephone number 514-363-1030 EXTENSION 230 to memory location 2, the operation will be as following:

- a. Enter password then press PROG button, now the auto-dialer is in set-up mode.
- b. Press PROG button once to select MEMORY function.
- c. Press ARM/DISARM button to confirm.
- d. Press */UP or #/DOWN button to select memory location 2.
- e. Enter 5143631030, PAUSE, 230.
- f. Press ARM/DISARM button to confirm.
- g. Press PROG button six times to exit set-up mode.

BATTERY LOW LED INDICATOR

When the Battery Low LED flashes once every 3 seconds, it indicates that the battery power in auto-dialer is running low. Change the battery immediately. Failure to do so may cause false alarm and start dialing out.

VIEW FUNCTION

View Triggered Events
If alarm has been triggered it will flash on the LED screen. To view, in standby mode, press #/DOWN button to view the last 5 triggered Events. Once viewed trigger will disappear.

View store telephone numbers
In standby mode, press */UP to view stored telephone numbers.

NOTE: If no buttons are pressed for 10 seconds, the auto-dialer will automatically exit view mode.

TROUBLE SHOOTING GUIDE

1. AUTO-DIALER WILL NOT ARM/DISARM
 - a. Make sure you've entered the correct password, if not, re-enter the password.
 - b. If it still doesn't work. Perform the password reset following the instructions in

- section "CHANGE PASSWORD" to reset the auto-dialer.
- c. Now you can perform set-up on the auto-dialer.

2. UNIT WILL NOT DIAL
 - a. Make sure the telephone line is connected properly.
 - b. Make sure the telephone numbers are stored correctly.
 - c. Make sure the auto-dialer is setup for auto-dial mode.
 - d. If auto-dialer does not receive signal from wireless water sensor, perform the learn code function following the instruction in section "LEARN CODE FUNCTION FOR WIRELESS SENSORS".

TIPS

1. Make sure the full telephone number has been entered correctly.
2. Only suitable for single phone line. Not compatible with fax machine.

WARNING

Be sure to change the battery promptly in auto-dialer when battery low LED is flashing.

Take out the battery when the auto-dialer is not used for long periods of time to avoid any damage that might be caused by leaky battery.

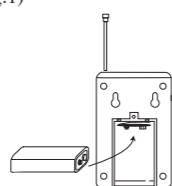
NOTE: Please preserve this manual. It contains valuable information for properly setting up and operating the system.

WIRELESS WATER SENSOR

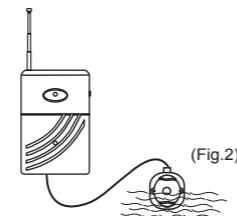
There are two parts in the sensor, the main unit and the sensor probe.

INSTALLATION

1. Remove the screw on the battery cover located on the back of the main unit. (Fig.1)



(Fig.1)



(Fig.2)

2. Install the included 9V battery, now the sensor is in standby mode.
3. Fasten the cover with the screw.
4. Mount the main unit at a desired location with hardware included.
5. Mount the sensor probe at desired location using its suction cup. (Fig.2)

OPERATION

1. The sensor is in standby mode once battery is installed.
2. Extend fully the built-in antenna for better RF signal reception.
3. The LED will flash and the siren will sound for 45 seconds once water is detected. Slide the alarm switch to ON/OFF position for siren sound ON/OFF as desired.

NOTE

1. The learn code has been done between the sensor and the auto-dialer.
2. Test the wireless RF signal range before installing permanently. Refer to section TEST WIRELESS RF SIGNAL RANGE for instruction.
3. Wireless RF signal will be sent to the auto-dialer regardless the position of the alarm switch once water is detected.

BATTERY LOW INDICATOR

When LED on main unit flashes for 3 seconds and off for 1 second, it indicates that the battery power is low. Change the 9V battery promptly. Change the battery once a year.

WARNING:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Customer Service: ideal@idealinc.com
1-800-361-2236 ext 230

WIRELESS WATER ALARM SYSTEM WITH AUTO DIALER



OWNER'S MANUAL