

IntelliHomeSafe™ Plus

AR160B OPERATION MANUAL

1. Features & Functions:

- 1) PIR Infrared sensor detection
- 2) Programmed select codes for alarm ON/OFF
- 3) Operation mode can be selected to provide either alarm or pleasant chime
- 4) High output built-in alarm
- 5) 1.5V AAx4 battery operation or external DC 12V power supply
- 6) Low battery indication
- 7) Detect angle: horizontally 90degree, vertically 120degree, detecting range up to 5--8m

2. Caution:

The alarm sound of this unit is extremely loud. For your safety, never place the unit close to your ears to test the alarm, direct the unit away from you at arms length and activate.

3. Directions for use:

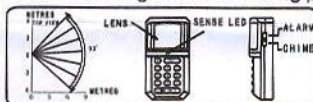
- 1) Remove battery door, insert 4 AA 1.5V batteries or connect the unit to external DC 12V power supply, press default password: 1234S, the power indicator LED on the most bottom of the keypad will light for 50 seconds, if power voltage is lower than 4V+-0.2V, the LED will flash for 1 minute, indicating that the battery should be replaced.
- 2) After switch on enter password, the unit is activated to be wait mode, the bottom LED will light and the unit not do any Infrared signal detection or alarm. This stops after 50s, the unit enters ground alert mode.
- 3) If press switch to "CHIME" mode, whenever the unit detected infrared signal, the upper LED will light for 1.5s and a three "ding-dong" will sound. After it, the unit detects infrared signal again as repeating above process. If not detected any infrared signal, it will be ground alert mode.
- 4) If press switch to "ALARM" mode, whenever the unit detected infrared signal, the upper LED will light for 1.5s then the unit be pre-alarm mode for defaulted 20s (pre-alarm delay), then it enters alarm mode, there is also a delay as defaulted 60s. After this, if the unit detected infrared signal again, it will be pre-alarm mode again as repeating above process.
- 5) If enter old password 1234 as the unit in work time, it will make the unit stop work. Only re-enter the password 1234S will enable the unit to work again. But if press "PANIC" key in any time when power on, the unit alarm will sound, in this time enter power ON/OFF password to cancel the alarm sound and switch the power ON/OFF state.
- 6) Three kinds of alarm time as pressing "PANIC" key:
A. The time when not enters ground alert mode after switch on is



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- defaulted as 60s
- The time when enters ground alert mode but not changed alarm time is defaulted as 60s
- The time when enters ground alert mode and changed alarm time is the new changed time.
- 7) Password setting: After power on, press old password 1234 plus MS plus 00 plus 4 digits key plus M, here the 4 digits is the new password, after set the password if need re-switch-on the unit, you should press the new password plus S.
- 8) Pre-alarm delay time setting: After power on, press the new password plus M2 plus 01 plus 2 digits key plus M, here the 2 digits is the new pre-alarm delay time, the units is second with a range of 1 to 99 seconds.
- 9) Alarm time setting: After power on, press the new password plus MS plus 03 plus 2 digits key plus M, here the 2 digits is the new alarm time, the units is minute with a range of 1 to 99 minute. Two kinds confirmation sound: one is a long "Bi" to indicate being correct; one is a series of "Bi" to indicate being incorrect.
- 10) Plug DC 12V external power outlet into DC JACK will also work.
- 11) Can work with external connected high sound big speaker, DC JACK is also for the speaker.
- 12) When not using the unit for long periods, remove the battery.



4. How to install and maintain

- 1) Install the unit up to 1.5m high.
- 2) Do not stab the lens and speaker
- 3) Do not install the main unit in direct sunlight.
- 4) Do not install the unit near heat sources and areas where dramatic change in temperature or humidity may occur.
- 5) Do not drop the unit on the ground or against any hard object.
- 6) To remove stains or dirt from the surface of the unit, wipe clean with a damp cloth or cleaning material then wipe again with a dry cloth. Do not use benzine, alcohol or paint thinner.

