

MS13E2 MINI PIR OPERATION INSTRUCTION

For proper operation, slide the plastic tube over the antenna wire and push it firmly into the sensor housing.

The MS13 Motion Detector sends Wireless Radio Frequency (RF) signals to an X10 Transceiver (TM13) or any Marmitek X10 Security System Base Receiver. The receiver then passes the signals onto your house wiring to turn on lights (or appliances) around your home. You plug your lights and appliances into X10 Modules (sold separately). The MS13 also works with the CM11 Two-Way Computer Interface to initiate macros (routines) so you can set up a "coming home" routine which is initiated by the Motion Detector as soon as it "sees" you. (requires TM13 also)

Remove the battery cover on the front of the MS13 and install two AAA alkaline batteries (to open the battery cover, remove the little plastic transparent cover, and remove the screw).

FEATURES

- After first power up, PIR is disabled for 30 seconds
- After each RF transmission, PIR is disabled for 10 seconds
- House Code <A> (default)
- Unit Code <1> for manual and PIR operation (default)
- Unit Code + 1 for day/night sensor operation (disabled = default)
- Daytime PIR detection (default)
- After PIR trigger, <ON> command is transmitted
- Programmable delay time for <OFF> command transmission (1 minute is default)
- Green LED inside the PIR lens for secondary function while programming
- EEPROM for storing settings during battery replacement

OPERATION

- Press the <HOUSE> button once: <ON> command will be transmitted
- Press the <UNIT> button once: <OFF> command will be transmitted
- Change from day to night: <ON> command (Unit Code +1) will be transmitted (when you have set code A3, the code for day/night detection will be automatically A4)
- Change from night to day: <OFF> command (Unit Code +1), will be transmitted
- After PIR detection, <ON> command will be transmitted, and <OFF> command will be transmitted after programmed delay time

PROGRAMMING THE HOUSE CODE

- Press and hold the <HOUSE> button
- Red LED flashes for normal <ON> command transmission
- 3 seconds later, the red LED will report the current setting
 - 1 blink for A
 - 2 blinks for B
 - ..
 - 16 blinks for P
- Release the <HOUSE> button
- Press and release the <HOUSE> button as many times as required to program the House Code you want to enter
- Red LED blinks for each press
- VERY IMPORTANT: Hold the button after the last press
- 3 seconds later, the red LED will report the programmed setting

If you do not follow this programming sequence correctly, a 1 second red LED flash will be observed and your existing setting will not be affected

PROGRAMMING THE UNIT CODE

- Same as the programming of the House Code
- Use the <UNIT> button instead of the <HOUSE> button
 - 1 blink for 1
 - 2 blinks for 2
 - ..
 - 16 blinks for 16

PROGRAMMING THE DAYTIME PIR DETECTION

- Press the <UNIT> button once
- Red LED flashes for normal <OFF> command transmission
- Press and hold the <HOUSE> button
- Green LED turns on inside the PIR lens, indicating the secondary function
- 3 seconds later, the red LED will report the current setting
 - 1 blink for daytime PIR detection on and day/night time detection off
 - 2 blinks for daytime PIR detection off and day/night time detection off
 - 3 blinks for daytime PIR detection on and day/night time detection on
 - 4 blinks for daytime PIR detection off and day/night time detection on
- Release the <HOUSE> button
- Press and release the <HOUSE> button as many times as required for the function you want to enter
- Red LED blinks for each press
- VERY IMPORTANT: Hold the button after the last press
- 3 seconds later, the red LED will report you the programmed setting

PROGRAMMING THE DELAY TIME FOR THE <OFF> COMMAND TRANSMISSION

- Press the <HOUSE> button once
- Red LED flashes for normal <ON> command transmission
- Press and hold the <UNIT> button
- Green LED turns on inside the PIR lens, indicating the secondary function
- 3 seconds later, the red LED will report the current setting
 - 1 blink for 1 minute
 - 2 blinks for 2 minutes
 - 3 blinks for 4 minutes
 - 4 blinks for 8 minutes
 - 5 blinks for 16 minutes
 - 6 blinks for 32 minutes
 - 7 blinks for 64 minutes
 - 8 blinks for 128 minutes
 - 9 blinks for 255 minutes
- Release the <UNIT> button
- Press and release the <UNIT> button as many times as required to program the delay time you want to enter
- Red LED blinks for each press
- VERY IMPORTANT: Hold the button after the last press
- 3 seconds later, the red LED will report you the programmed setting

DEUTSCH

MS13E2 DRAHTLOSER BEWEGUNGSMELDER GEBRAUCHSANWEISUNG

Schieben Sie die Antennenhülse über die Drahtantenne des Gerätes.

Drücken Sie die Hülse in den Halter an der Oberseite des Sensors. Bringen Sie 2 AAA-Batterien in das Batteriefach des MS13. Um das Batteriefach zu öffnen, muss die Verschlusskappe an der Vorderseite des Sensors mit einer Pinzette oder Zange entfernt werden. Nun können die Schrauben der Kappe gelöst werden. Benutzen Sie den MS 13 im Freien, muss die Verschlusskappe wieder eingesetzt werden.