



1 POWER - Green LED indicates that the A.C. adapter is functioning.

2 ARM - Yellow LED: Continuous= Armed, Slow Blinking= Exit Delay, Fast Blinking= Entrance Delay.

3 L.BATT - Yellow LED lights if a detector battery is low.

4 ERROR - Red LED indicates system failures: Continuously lit indicates control panel is in service position. If LED blinks & POWER LED is off, then system is powered only by the back up battery.

5 DELAY, INSTANT, 24H, FIRE - Four red LEDs indicate by blinking that alarm was triggered in the corresponding zone. This alarm memory information will be reset by rearming. Don't forget to check the house!

6 CONTROL KEY SWITCH has three positions: **SERVICE** - you can service detectors in this position (change batteries, set & test sensors, etc.). No alarm can be triggered in this position. **STAND BY** - is normal operating position. System can be controlled by remote control or by wireless keypad. **ARM** - this position can be used for manual operation of system (in case you have lost remote control, for example).

WORKING MODES OF THE SYSTEM:

ARMED (AWAY) - In this mode, all detectors can trigger an alarm. Detectors within the Delay Zone will only trigger alarm after the entrance delay.

DISARMED (HOME) - In this mode, the system will not react to movement of people in the house. Detectors in the FIRE Zone or in the 24H Zone can still trigger an alarm. The panic alarm can still be triggered.

ALARM - If alarm is triggered, the control panel will switch on the siren and other installed optional devices (telephone dialer, outdoor siren etc.).

The alarm will reset automatically after a predetermined period (5 minutes factory default). The alarm duration is adjustable (see installation manual for details). The alarm can be stopped by remote control or by wireless keypad.

SERVICE - this mode can be selected only by using factory provided key. You can service the detectors in this mode (change batteries, set & test sensors, etc.) You can also service (open) the control panel (see installation manual). No alarm can be triggered while in this mode.

HOW TO OPERATE THE SYSTEM

The system is normally controlled by remote control or by wireless keypad. It can also be controlled with a key, but use the key only to select service mode or for temporary manual control of the system (In case you have lost the remote control, for example). When you are finished servicing the system, Select the STAND BY position on the control panel and be sure to put the key in a safe place. Never leave it in the control panel!

ARMING

To arm the system, press the button on the remote control (or enter your access code on JA-50D wireless keypad). The control panel will sound once and the ARM LED will start blinking. Slow blinking of this LED indicates that the exit delay is still in progress. During the exit delay, any sensor in the Delay Zone can be activated without triggering the alarm. (20 second delay factory default setting - see installation manual for adjusting). After exit delay the ARM LED lights permanently and all zones are armed. No animals can stay in the area covered with motion detectors, all windows should be also closed.

Note: all detectors of JA-50 system are ready for immediate reaction in 5 minutes after previous triggering (5 minutes after you left the house).

DISARMING

To disarm the system, press the button on the remote control (or enter your access code on JA-50D wireless keypad). The control panel will sound twice and the ARM LED will switch off. If you trigger any detector in the Delay Zone before disarming, the system will provide an entrance delay (20 second delay factory default setting - see installation manual for adjusting). The entrance delay is indicated by fast blinking of the ARM LED and sounding of the built-in buzzer (can be disabled with BUZZER ON link in the control panel). These signals are to remind you to disarm the system.

If the disarming is confirmed by three beeps instead of two, check the control panel's LEDs for important system information.

PANIC

Each remote control can be used to trigger the panic alarm. If you press the button on the remote control and hold it for more than two seconds, the 24H zone will be triggered and alarm will sound. The 24H Zone is active in both the armed and disarmed mode.

If you are using the JA-50D wireless keypad, entering the Panic Code will also trigger the 24H Zone. This keypad can also trigger the panic alarm if several unsuccessful attempts to enter a valid access code are made (user programmable: See installation manual for JA-50D).

TO STOP ALARM

If an alarm was triggered while you are present and you want to stop it, press the remote control button (or enter access code on JA-50D keypad). The control panel display will indicate which zone was triggered. If the alarm was triggered in the 24H Zone and it repeats again, then a detector has been tampered with. In such a case, switch the control panel to SERVICE position with key and check all detectors carefully.

EMERGENCY ARMING CONTROL WITH KEY

In the case that you lost your remote control, you can disarm the system with the key. To do this, first turn the key to the ARM position and then back to the STAND BY position.

The system can be also armed with the key by switching it to the ARM position. In such a case, it can only be disarmed with the key.

MAINTENANCE

There is no special maintenance required. Only the batteries in detectors and remote control have to be changed periodically.

The average life time of a battery in a remote control is about one year. If the distance from which your system can be operated decreases, replace the remote control battery. L1028 (12V) is the appropriate size.

Low battery in detectors.

Each detector checks its own battery condition. If it is necessary to replace a battery, the detector will inform the control panel. A blinking L.BATT LED on the control panel indicates that a detector needs a new battery. To find this detector is easy: In normal working mode the built in LED in all detectors is permanently off. However, if the detector needs a battery replacement, the LED in it will flash if you trigger the sensor. For example, to check if any JA-50P motion detector needs a new battery, you only have to walk in front of each JA-50P. **If the detector's LED flashes**, replace the battery in this detector.

Detector's battery replacement.

Switch the control panel to the SERVICE position, then open the housing of the detector and replace the battery. Close the housing, wait 1 minute (warm up time) and switch the control panel back to the STAND BY position.

NOTE: We recommend that you use only high quality alkaline batteries. The average life time of a high quality battery in a detector should be a few months.

Testing and extension of system:

See the installation manual for testing instructions and information about possibility of system extension. If you have any questions, contact your supplier. Do not forget to switch the control panel to SERVICE position before any manipulation with detectors, keypad or control panel.

If you want to test function of JA-50 complete system, please do not forget that in normal operation the sensor's LEDs are off and each sensor is ready for next communication after 5 minutes from the previous triggering (i.e. five minutes after you armed the system and left the house).

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WIRELESS ALARM SYSTEM JA-50

Operating Instructions

ver.1.4.e

