

# WS588P Wireless Photoelectric Smoke Detector

## Addendum V1.0



### Overview

- Assigning the WS588P
- Check-in Supervision
- Alarm Transmission
- Low Battery
- Testing Communication
- Product Compatibility
- Information to the User

The following addendum contains information not included in the WS588P User's Manual. Use this document to assign your WS588P Wireless Photoelectric Smoke Detector to a wireless receiver.

### Assigning the WS588P

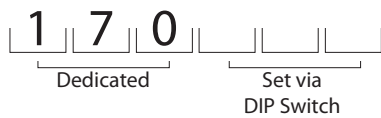
Before you can assign the WS588P to your control panel, an associated serial number must first be configured. The following sections describe how to set a serial number and how to assign the WS588P to your control panel.

#### Setting the Serial Number

The WS588P supports a 6-digit serial number. The first 3 digits are dedicated to the WS588P and cannot be modified; these 3-digits are 170. The last three digits of the serial number are unique and must be set via the WS588P's DIP switches.

For example, if you assign the WS588P the serial number of 170024, then the DIP switch settings must be set to 000110 (where 0 = OFF and 1= ON). The following table provides a listing of all the serial number options available for the assignment of the WS588P, and their associated DIP switch setting.

WS588P Serial Number



**Table 1: Serial Number Reference Table (last 3 digits only)**

Serial Number	Dip Switch Setting	Serial Number	Dip Switch Setting	Serial Number	Dip Switch Setting	Serial Number	Dip Switch Setting
000	000000	016	000010	032	000001	048	000011
001	100000	017	100010	033	100001	049	100011
002	010000	018	010010	034	010001	050	010011
003	110000	019	110010	035	110001	051	110011
004	001000	020	001010	036	001001	052	001011
005	101000	021	101010	037	101001	053	101011
006	011000	022	011010	038	011001	054	011011
007	111000	023	111010	039	111001	055	111011
008	000100	024	000110	040	000101	056	000111
009	100100	025	100110	041	100101	057	100111
010	010100	026	010110	042	010101	058	010111
011	110100	027	110110	043	110101	059	110111
012	001100	028	001110	044	001101	060	001111
013	101100	029	101110	045	101101	061	101111
014	011100	030	011110	046	011101	062	011111
015	111100	031	111110	047	111101	063	111111

**LEGEND: 0=OFF, 1=ON**

## Assigning the WS588P to the Control Panel

Once the serial number has been set on the WS588P, the WS588P is ready to be assigned to the control panel. For more information on how to assign the WS588P to your wireless receiver, refer to the documentation provided with your control panel/transceiver.

## Check-in Supervision

The WS588P transmits a check-in supervision signal to the receiver at regular intervals. This value is pre-determined and cannot be programmed.

## Alarm Transmission

Upon detection of an alarm condition (smoke), the detector will transmit an alarm signal to the wireless receiver. Once the alarm condition has stopped, the detector will wait 5 seconds, then transmit a restore signal to the wireless receiver. The restore signal is transmitted only once to the receiver after an alarm condition has stopped.

## Low Battery

If the smoke detector experiences a low battery condition, it will wait 12 hours and then transmit a low battery signal to the receiver. The smoke detector will continue to transmit a low battery signal every 12 hours until the battery is replaced.

## Testing Communication

It is strongly recommended to test the smoke detector a minimum of once every month. When the Test button is pressed, the smoke detector sends an alarm signal to the wireless receiver. If the smoke detector zone is defined as a **Delayed 24hr Fire Zone**, the alarm signal is not sent to the central monitoring station. If the smoke detector zone is defined as an **Instant 24hr Fire Zone**, the alarm signal is immediately sent to the central monitoring. Refer to the security system manual more information on testing the security system.

To Test the Smoke Detector:

1. If the smoke detector zone is an **Instant 24hr Fire Zone**, contact the central monitoring station to advise them of the test.
2. Press and hold the Test button for approximately 3 seconds until the buzzer activates.
3. If the zone is a **Delayed Fire Zone**, the alarm will stop automatically. If the zone is an **Instant Fire Zone**, enter a valid code to stop the alarm.

**WARNING:** If the smoke detector does not emit an alarm, connect or replace the battery and then re-test the detector. If the smoke detector still does not respond, contact your distributor.

## Product Compatibility

The WS588P is compatible with the following products:

- MG6130, MG6160, MG6250
- MG5000, MG5050
- RTX3, RPT1, RX1

**NOTE:** This wireless transmitter is only approved to function with the products listed in the Product Compatibility section.

## INFORMATION TO USER

This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help