

⚠ Warning

Do not upgrade your X5 Series unit unless you have contacted BW Technologies by Honeywell first.

1 Identify the type of detector, using either method

Using the serial number

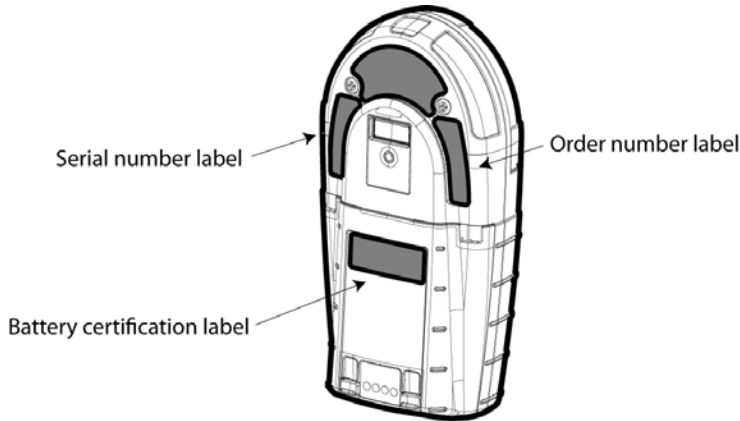


Figure 1. GasAlertMicro 5 Series/X5 Series Label Locations

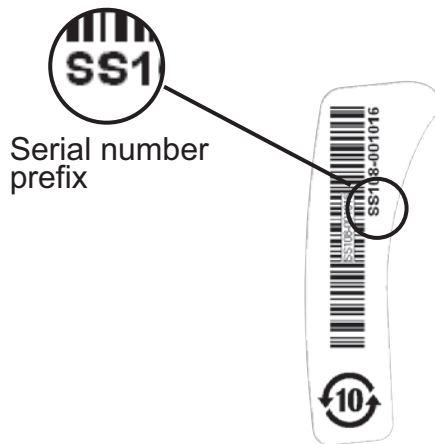


Figure 2. GasAlertMicro 5 Series/X5 Series Serial Number Label

1. Look at the serial number label. Refer to Figures 1 and 2.

The serial number has a prefix which identifies the type of detector.

E.g. SS106-001000

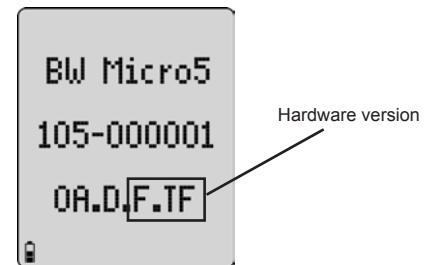
SS1 = serial number prefix

2. Consult Table 1 for the correct firmware. If the serial number is illegible, refer to Using the hardware version.

3. Install the correct firmware.

Using the hardware version

1. Activate the detector.
2. After all the LCD elements display, the serial number and hardware version display.



The third row of text indicates the hardware version. The two last fields (F.TF in the image above) indicates which upgrade firmware should be used.

3. Consult Table 1 for the correct firmware.
4. Install the correct firmware

Table 1. Firmware upgrade version

Serial number prefix	Hardware version	Upgrade to firmware version
SE1	F.TF	23C
SK1	F.PF	23C
SS1	F.IF	23I
SE3	G.TG	37
SK3	G.PG	37
SS3	G.IG	37
XE3	G.TG	37
XK3	G.PG	37
XR3	G.IG	37

⚠ Caution

If there is a conflict between serial number prefix and hardware version, contact BW Technologies by Honeywell.

Firmware installation instructions

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2 Upgrade the firmware on the detector

⚠ Warning

This firmware upgrade is MANDATORY for all GasAlertMicro 5 Series detectors.

Do not perform the following procedures in a hazardous area.

Ensure the correct firmware upgrade is used. Refer to Table 1 to determine the correct firmware for your detector.

1. Remove the battery pack from the detector.
2. If an MMC or SD card is currently inserted, remove it and insert the Firmware Update card (label face up).
3. Insert an alkaline battery pack.
4. Press and hold to activate the detector and to initiate the start-up procedure.

The Firmware and EEPROM Update screen then displays briefly.

5. **Enter passcode: 1000** displays. Press or to scroll to the correct passcode (**1007**) and press to confirm. If the passcode is incorrect, the detector deactivates.

The following screens display:

- a) **Verifying Data** screen
- b) Firmware update screens that display the previous and new firmware revisions
- c) **Update** **No** and **Yes** screen

6. To update the firmware, press and hold **Yes**. **Updating Do Not Turn Off** displays. The alarm LEDs flash continually while the detector is updating.

⚠ Warning

Do not press any buttons or remove the battery pack during the upgrade, otherwise the detector will be damaged and require service. The update requires 2 minutes to complete.

7. When the update is complete, the detector beeps five times and **Success! Remove MMC** displays.
8. Remove the battery pack and remove the update MMC. Insert the previous MMC if applicable, insert a battery pack, and resume normal operation.

⚠ Warning

Do not use the firmware upgrade card for data-logging.

Where can I get help?

Visit BW Technologies by Honeywell's web site at www.gasmonitors.com. There is a serial number identification program, and other information available on the web site.

Contacting BW Technologies by Honeywell

To contact BW Technologies by Honeywell call:

United States : 1-888-749-8878

Europe : +44 (0) 1295 700 300

China : +86 10 6786 7305

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