

### 3-5. Gas Exposure Status Review



#### CAUTION

No gas will be detected while in the gas exposure status review mode.

The detector records the maximum readings, minimum readings (for oxygen only), STEL and TWA values (for toxic only). While in measuring mode, these can be viewed by pressing the UP or DOWN button. The first press of the UP or DOWN button turns on the backlight if it is not already on. The exposure status can be scrolled through in the order of High Peak (▲), Low Peak (▼), STEL (●), and TWA (●), followed by Calibration Due Date, Current Date, and Current Time by pressing the UP button or in reverse order by pressing the DOWN button.

#### Note

If no button is pressed within 10 seconds, the detector will revert back to the measuring mode.

Gas Exposure Status	Display	Description
High Peak ▲		Maximum gas exposure levels encountered during work shift. Note: To clear the high peak values, press the ON/OFF button while the values are displayed.
Low Peak ▼		Minimum oxygen level encountered during work shift. Note: To clear the low peak value, press the ON/OFF button while the value is displayed.
STEL ●		Short-term exposure limit based on a 15-minute period. Note: The STEL value can be cleared manually when the power is turned on or will be cleared automatically if the power is kept turned off for more than 15 minutes.
TWA ●		Time-weighted average based on an 8-hour workday. Note: The TWA value can be cleared manually when the power is turned on or will be cleared automatically if the power is kept turned off for more than 8 hours.
Calibration Due Date		Remaining days until next SPAN calibration
Current Date		Current date in MM DD - YY format (US) or DD MM - YY format (EU)
Current Time		Current time in HH:MM:SS format (24 hour format)






\* Examples shown for the status review for the Minimax4 series

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### 3-6. Confidence Flash/Beep

If selected, the detector will emit a flash and a beep once every 30 seconds to indicate that the detector is operating. The user can select whether this feature is activated or not, and whether it is an audible signal, visual signal or both (See Section 5 Set-Up Mode). If any error or fault is detected, the confidence flash/beep will stop. The factory default is no confidence flash/beep.

### 3-7. Low Battery

When the detector's battery level reaches a preset level, it will warn the user that the battery is low and needs replacing by generating a beep and flashing the alarm LED once every 5 seconds. Also, the Test Fail icon  will be displayed and the Low Battery icon  and Test Pass icon  will blink alternately. When the battery is finally exhausted, the Test Fail icon  and Low Battery icon  will blink simultaneously with seven beeps and "bAttEry oFF" will be displayed. Pressing the ON/OFF button will turn the detector off completely.

After a low battery alarm, the batteries should be replaced as shown in Section 6-1 Replacing the Batteries.

### 3-8. Data Logging



#### WARNING

**Do not install or remove the memory card in the detector or attempt to read, download or write to the memory card using a memory card reader and/or computer in potentially hazardous atmospheres.**

**Do not remove the batteries from the detector while the power is on. This can cause fatal damage to the optional memory card if installed.**

Before you can begin data logging, you will need to purchase a memory card and a card reader. You will also need PC software, which you can either download from our web site ([www.honeywellanalytics.com](http://www.honeywellanalytics.com)), or you can purchase it on CD. (See Section 7 Optional Accessories.)




#### WARNING

**Use only approved memory cards, part # 2566-0435, which are available from Honeywell Analytics. Use of any other manufacturer or type will violate intrinsic safety requirements.**

**Do not use a memory card containing non-X4 data. The detector or card reader will either erase non-X4 data or reformat the memory card.**

Memory card readers can be purchased from Honeywell Analytics or from a local source of your choice. Card Readers must be able to read both MMC (MultiMediaCard) and SD (SecureDigital) cards.

When the detector is turned on, it will check the memory card in the memory card slot if card is installed. When a properly formatted blank memory card is detected, the Data Logging icon  will be displayed in the measuring mode which indicates that data is being logged.

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**Note**


The detector only supports FAT16 format for the memory card.



The detector will start data logging automatically and save the gas readings at a user-configurable interval. The factory default interval is 60 seconds. (See Section 5 Set-Up Mode.)

**Note**

Should an alarm be activated while in the data logging mode, varied alarm sound may be generated, as the detector periodically writes data to the memory card.


When the memory card becomes full in the measuring mode, the detector will stop data logging and the Data Logging icon  will blink which indicates that no data is being logged.

**Note**

The detector cannot format the memory card.

**WARNING**

**The detector ignores the write-protect feature of the SD memory card.**

**When the Data Logging icon  is either blinking or not displayed, it indicates that no data is being logged.**

To install or remove the memory card, see Section 6-2 Installing or Removing the Memory Card.