

# Technical Bulletin

03-TB-916 01/2002

## OdaLog Type I, Firmware Update Ver 2.7

---

### Firmware Ver 2.7

Version 2.7 of the OdaLog internal software has recently been released and will be incorporated into all OdaLog Type I instruments supplied from mid January 2002.

This update has been instigated in response to valuable customer feed back and provides users with additional options and features allowing greater flexibility in the use of the OdaLog.

### New features:

Ver 2.7 firmware has three additional features added.

#### 1. Auto Log Start.

The user has the ability to either select or de-select this option from the OdaLog3 software (Version 3.5.3 Bld18) parameters dialog box.

1. When selected the instrument shall work as follows.
  - a. When the instrument is switched on it will automatically start logging, with visible indication via the "inst" symbol flashing as it does now.
  - b. If the instrument is set up for "once" logging mode and the log is FULL the instrument will display the message "Log" "Full" at the end of the start-up display sequence. This message will remain until the button is pressed to acknowledge the message.
  - c. While in the "Auto Log Start" mode the "stop" log option will no longer be available to the user to stop the log (a blank display will be shown at this menu position instead). The "IRDC" option will be available.
  - d. When the user selects the "IRDC" option the instrument will automatically stop the log and enter "IRDC" mode. If no communication happens within 60 seconds the instrument will drop out of "IRDC" mode and automatically start logging again. The instrument will also automatically start logging again when "IRDC" mode is exited normally.
  - e. Additionally logging will stop when the instrument is switched off.
2. The OdaLog will remain in this mode of operation until the user de-selects the user option in the parameters dialog box of the software.
3. Factory default will be de-selected (OFF).

## 2. Negative Suppress.

The user has the ability to either select or de-select this option from the OdaLog3 software (Version 3.5.3 Bld18) parameters dialog box.

1. When selected, the instrument will not display or log negative readings. The instrument will however display the message "do" "null" if the instrument drifts negative by more than 2.5% of FSD or less as listed below.
2. Current factory default settings.

The window of negative suppression will be set to 2ppm for all models except models below.

- i. OL01 (50ppm, 0.5ppm limit).
- ii. OL02 (1000ppm, 5ppm limit)
- iii. OL03 (200ppm, 2ppm limit)
- iv. OL04 (50ppm, 0.5ppm limit).
- v. OL05 (200ppm, 2ppm limit)
- vi. OL45 (1000ppm, 5ppm limit).

**(Note:** In the interest of continued improvement, we reserve the right to change factory default settings without prior notice).

3. Factory default will be selected (ON).

## 3. Decimal Place.

The user shall have the ability to either select or de-select this option from the OdaLog3 software (Version 3.5.3 Bld18) parameters dialog box.

1. When selected the instrument will not display or log the decimal place.
2. When selecting or de-selecting this option from the software parameters dialog box the user will be forced to clear any currently logged data.
3. Downloaded data will be graphed with the corresponding amount of decimal places, as was displayed on the OdaLog instrument when the log was recorded.
4. Factory default will be 0-50ppm (1 decimal place), 0-200ppm (0 decimal places) & 0-1000ppm (0 decimal places).

Please contact your nearest App-Tek International Pty Ltd authorised service centre for details on how to get your instruments upgraded and whether there are any costs involved.