C.A 1510 CO$_2$ Monitor User Guide

CHAUVIN ARNOUX

User Instructions

The C.A1510 is a comprehensive air quality monitor and logger, it is recommended that all users review the full quick-start guide and product manual on the Chauvin Arnoux website by using the QR codes (right). This guide is intended for short term monitoring of CO$_2$ only.

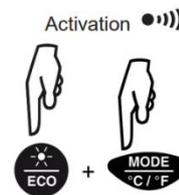Quick-start guide   Manual

Step 1

Turn on the C.A 1510 by pressing the green button. The C.A 1510 can be battery powered or, preferably, connected to a permanent power supply via the USB cable and charger provided. No battery icon indicates normal battery powered operation. If batteries are low the battery icon will flash or if externally powered the icon will appear in a steady state on the screen.

Battery Icon

Step 2

Use the mode key to select '1D' mode, in this mode the C.A1510 monitors CO$_2$ levels only. Now ensure the audible alarm is activated by pressing the Eco key and Mode key together.

Activation

Step 3

Place the monitor in a suitable location where it can monitor typical CO$_2$ levels in the room. Avoid any areas with draughts, like near windows, or placing very close to people where levels will be naturally higher than the average. Normal outdoor CO$_2$ levels are around 400ppm, but in indoor locations this can rise to 1000ppm or higher, especially if the room is poorly ventilated. The C.A 1510 has three states as shown below. Up to 1000ppm is considered a normal indoor CO$_2$ level, above 1000ppm the display will indicate the amber warning and above 1700ppm the red warning and audible alarm will activate. Activation of the amber or red warnings may indicate a lack adequate ventilation and measures must be taken to reduce CO$_2$ levels.