LARGE DIGITAL LED ACCIDENT DISPLAYS

DAYS WITHOUT AN ACCIDENT

SERIES – SUITABLE FOR ALL ORGANISATIONS

LED DISPLAY OF

Days Since Last Accident – Best to Date – Best This Year
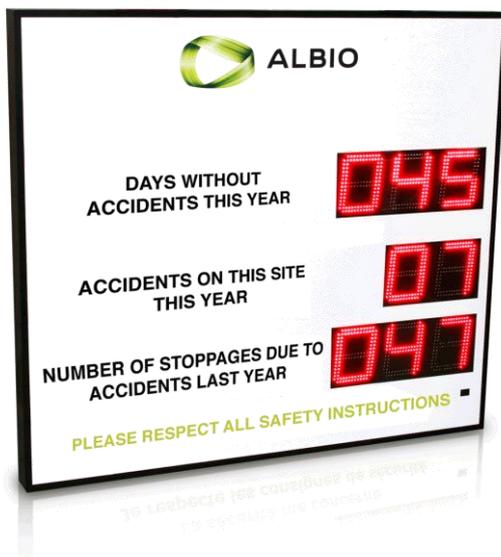
Number of Accidents Last Year

LARGE LED DIGITAL DISPLAYS – DAYS SINCE LAST ACCIDENT

GENERAL OVERVIEW

The EDA series of Large Digital LED Displays, allow companies and institutions alike, to display **ACCIDENT FREE DAYS**, to highlight Health and Safety standards within the organisation. At a glance the number of days free of accidents and previous **BEST** free days can be shown to staff as a **TARGET** to enhance work safety, on easy to read Large LED Displays.

The series starts from a basic 4 LED single line display, that can be positioned in an organisations reception area or in a canteen or the work area, visitors and staff alike are able to see this valuable information of the standard of care being managed by all employees.

With our **MULTILINE** panels series, customers are able to customise the layout of information on a panel they wish to display with **LARGE LED DISPLAYS** easily viewed from a distance, in a single colour or different colours, depending on budget or importance of a particular line of information. **EXAMPLES ARE SHOWN BELOW, and we can lay out the graphics with your organisation's LOGO and layout to your individual look.**

LARGE DIGIT LED COLOUR OPTIONS

Our standard colour is **RED** but at extra cost we offer **AMBER**, **BLUE**, **GREEN** and **YELLOW**. (Please consult our Sales Office.)

LED DISPLAY HEIGHT AND VIEWING DISTANCES

- 2.3" (58mm)   Clear viewing up to 15 meters / 50 feet maximum
- 3.15" (80mm)   Clear viewing up to 25 meters / 82 feet maximum
- 4.0" (102mm)   Clear viewing up to 35 meters / 115 feet maximum
- 6.0" (160mm)   Clear viewing up to 65 meters / 215 feet maximum
- 10.0" (240mm)   Clear viewing up to 100 meters / 330 feet maximum
- 16.0" (400mm)   Clear viewing up to 180 meters / 590 feet maximum

Note : 2.3" and 4.0" RED colour LEDS only

LARGE DIGIT ENVIRONMENT IP / NEMA RATINGS

All displays are suitable for Indoor or Outdoor use with the appropriate IP / NEMA rated cases.
Indoor IP54 / NEMA 13 – Outdoor IP65 / NEMA 4.

LARGE DIGIT DISPLAY – NUMBER OF DIGITS

The number of digits available are **two, three or four** in all digit sizes mentioned above and all colours
mentioned above.

4 inch 4 LED
Display Panel
Mount Case

LARGE DIGIT DISPLAY – PRINCIPLE OF OPERATION

1. The most popular operation is **DAYS WITHOUT ACCIDENT** LED Display window which
   increases by **ONE every 24 hours automatically,** when power is applied.Should power be
   lost momentarily and the display BLANK, the display will continue to COUNT due to its
   internal battery support and so the **current value** is always maintained when power is
   restored.
2. Static LED Displays are available where a value is entered and displayed until it is manually
   changed, this is done via the IR Remote supplied (**see section on the IR Remote**) **This could
   be a weekly update or daily.**

MULTILINE LED LARGE PANELS – CUSTOM DESIGN

These Large Digit LED Panels can have 1 to 5 lines and can operate in the same way as described
above **(automatically or manually or a mix of both)**

CUSTOM DESIGN OF LARGE DIGIT PANELS

We are able to Custom Design the panels for customers against a sketch or drawing of how
the layout is envisaged which can include

- Corporate or Organisation LOGO
- Plant number or location address and communication information
- Description ' legend ' for each line

- Number of digits per line
- Large LED positioning

The entire Panel is IP65 / NEMA 4 protected and the frame is made from extruded Aluminium which is Black Powder Paint finished.   All Wall fixings and brackets are supplied. (**see mounting section**)

The panels may be used Indoors or Outdoors but all are IP65 / NEMA 4 protected

SOME EXAMPLES ARE SHOWN HERE

Examples of Large LED Digital Panels we have made for UK and our International Customers.

Anything can be displayed relating to Health and Safety, it is not just limited to accidents.

MOUNTING METHODS

MOUNTING METHODS – SINGLE LINE LARGE LED DISPLAY

The 2.3" (58mm) and 4.0" (102mm) high digit, **which are always single line displays,** can be Wall or Panel Mounted.   The large multiline **PANELS** are only Wall mounting.   All the displays can be used **INDOOR or OUTDOOR.**

WALL MOUNTED 2.3" (58MM) AND 4.0" (102MM)

CASE H (HEIGHT) AND L (LENGTH)

3 DIGIT LED DISPLAY DIMENSIONS

2.3″ – H100 x L188mm
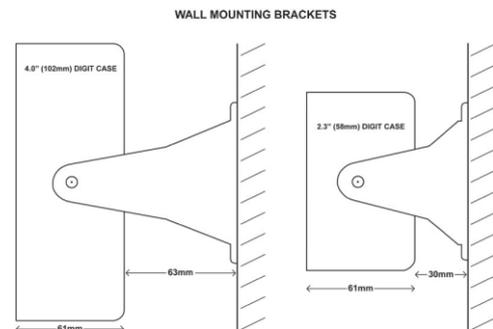+ 53mm for legend
4.0″ – H155 x L308mm
+ 92mm for legend

4 DIGIT LED DISPLAY DIMENSIONS

2.3″ – H100 x L241mm
+ 53mm for legend
4.0″ – H155 x L400mm
+ 92mm for legend

WALL MOUNTING BRACKETS

PANEL MOUNTED 2.3" (58MM) AND 4.0" (102MM)

CASE   H (HEIGHT) AND L (LENGTH)

3 DIGIT LED DISPLAY PANEL CUT OUT DIMENSIONS

2.3″ – H103 x L191mm
+ 53mm for legend
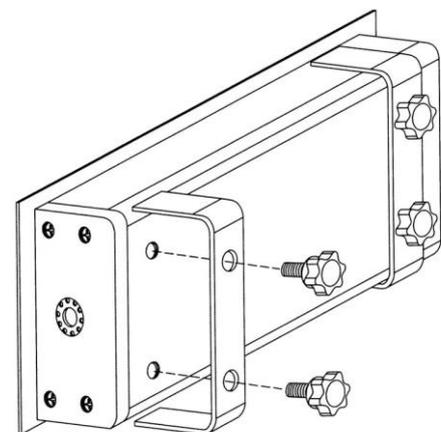4.0″ – H158 x L311mm
+ 92mm for legend

4 DIGIT LED DISPLAY PANEL CUT OUT DIMENSIONS
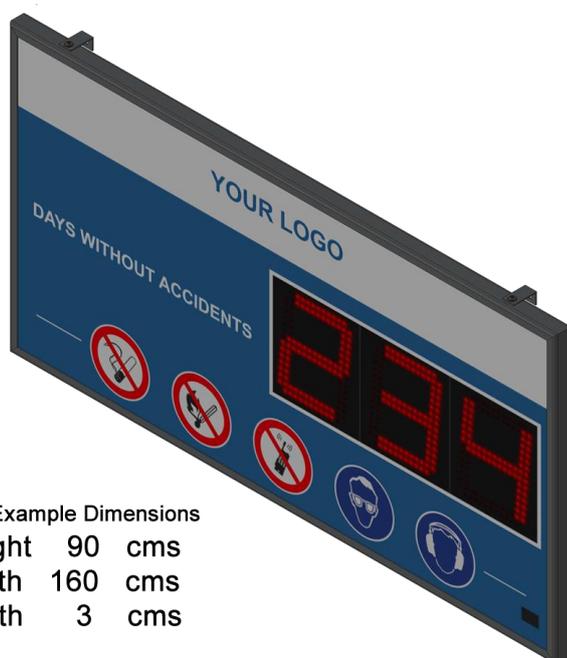
2.3″ – H103 x L244mm
+ 53mm for legend
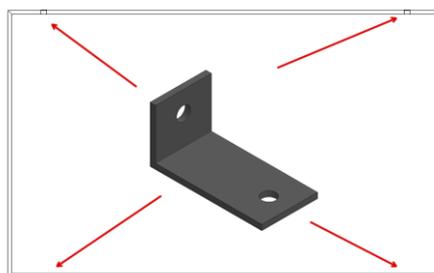4.0″ – H158 x L403mm
+ 92mm for legend

2.3" and 4.0" PANEL MOUNTING CASE

MOUNTING PANELS – SINGLE OR MULTILINE LARGE LED DISPLAY

Picture Example Dimensions

Height	90	cms
Width	160	cms
Depth	3	cms

PANEL SIZES AVAILABLE

LARGE PANEL DIMENSION OPTIONS

- EA Case 1   Up to 5.4 ft² / 1.65 m²
- EA Case 2   From 5.5 ft² up to 10.8 ft² / 1.65m² to 3.3 m²
- EA Case 3   From 10.9 ft² up to 21.5 ft² / 3.3 m² to 6.5 m²

Sorry but we cannot provide custom sizes.

LARGE DISPLAY – IR REMOTE

All displays from the smallest digits 2.3" (58mm) to the largest 16" (400mm) have their own unique IR Remote **(CODED)** so there is no possibility of unauthorised changes being made to the displayed data. The IR Remote manual explains how to **decode** it if required.

FUNCTIONS VIA IR REMOTE

The Large Digit displays can only be controlled (SET UP) with the IR Remote.

The Remote Allows

1. DAYS to be entered, already recorded as accident free and these will show on the display window, to be added to by the working display
2. Setting of REAL TIME to start timing from ie   08:30
3. RESET the display to ZERO if an accident is reported

LARGE RESET PUSH BUTTON (IP67/NEMA 6 & 6P)

As an option, the panel can be supplied with a **RESET PUSH BUTTON** if the IR Remote is not to hand. This push button is sealed to IP67 / NEMA 6 – 6P **(suitable for Indoor or Outdoor use)** and comes with a 5 meter standard length cable which can be extended to 20 meters.

LARGE DISPLAY – AUTOMATIC BRIGHTNESS ADJUSTMENT

All the panels have **LIGHT SENSORS** so that the intensity of digit luminescence will adjust to the brightness of the ambient light. This functionality ensures full readability in direct sunlight as well as eliminates the possibility of dazzling nearby observers especially at night time. With the automatic adjustment it is not necessary for any manual operation in setting brightness.

GENERAL SPECIFICATIONS OF LARGE DIGITAL LED 'ACCIDENT' DISPLAYS

GENERAL SPECIFICATIONS

- Operating Temperature conditions -25°C ~ 45 °C / -13°F ~ 113°F
- Input Voltage 95~265Vac Standard
- Weight dependent on Panel Size and number of digits
- Power consumption dependent on digit height and number of digits