

C1L

Installation Guide

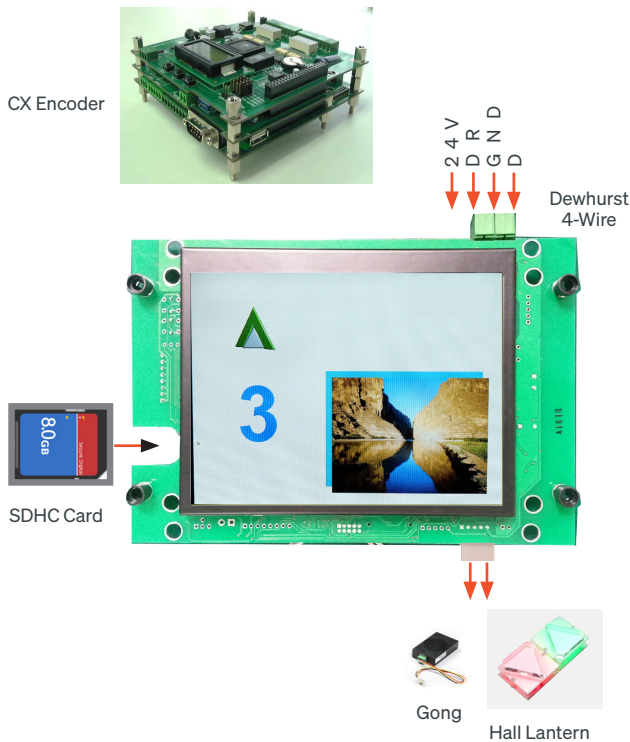
Introduction

The C1L series is designed to be a cost-effective colour LCD display with an easy-to-operate interface. The slim mechanical profile is an ideal choice for use in confined spaces in modernisation projects.

The C1L series has the following function:-

- + displays floor and travel directions of the lift (when used with Dewhurst Encoder)
- + displays date and time (when used with the Dewhurst encoder with RTC)
- + displays user-defined messages/picture slideshow at pre-defined time intervals
- + displays in either landscape or portrait moded
- + displays layout and content based on User Content Editing Software
- + drives Dewhurst Hall Lantern and Gong accessories products

Wiring Connections:



*Accessories (Encoder, SDHC Card, Hall Lantern & Gong) sold separately

*C1L-5.6" LCD Picture used for illustration only

JP12 Pin No.	Symbol	Function
1	+24V	Supply (+24V)
2	GND	Supply Ground
3	DR	Data Return
4	D	Data

Table 1: JP12 Dewhurst 4-Wire Signal

JP3 Pin No.	Symbol	Function
1	G1	Gong Up
2	G2	Gong Down
3	H1	Hall Lantern Up
4	H2	Hall Lantern Down
5	GR	Return

Table 2: JP3 Gong/Hall Lantern Signal

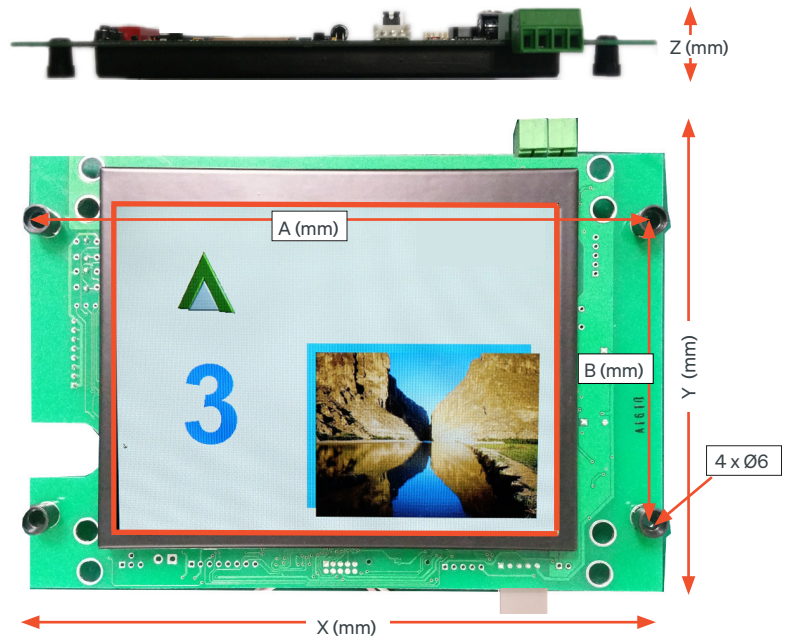
Switches	Symbol	Function
Dip Switch	SW1	For Hall Address Binary Setting
Tact Switch	SW3	Reserved
Tact Switch	SW4	Reserved

Table 3: Tact & Dip Switches Function

Note: Please also refer to the relevant Accessories Installation Guide or Wiring Diagram for additional information.

Mechanical Drawing - C1L

*C1L-5.6" LCD picture used for illustration only



Wiring and Setup

1. Prepare the COP cut-out and the mounting studs according to the mechanical drawing of the screen used.
2. Mount the lens. Please note that this item is optional and does not come with the standard order. This is recommended for additional protection and aesthetics of the COP/Transom.
3. Mount the C1L unit. Please note the mounting direction based on the "This Side Up" label at the back of the LCD.
4. Connect the cable from the Dewhurst Encoder/Converter to JP12 of the C1L.
5. Set the C1L dip switches accordingly if it is mounted in the landing.
6. Connect the optional items, Gong and Hall Lantern, to JP3 of the C1L.

Screen Size	3.5"	4.3"	5.6"	7"	8"	10.4"
Overall Dimensions X x Y x Z (mm)	167 x 80 x 17	167 x 80 x 17	174 x 120 x 20	196 x 111 x 20	244 x 161 x 23	260 x 235 x 33.6
Mounting Holes Dimensions A x B (mm)	154 x 40	154 x 40	164 x 80	185.5 x 70	120 x 230	225 x 240
Recommended* Cut-Out Dimensions (mm)	71.5 x 54.5	95.5 x 54.5	114.5 x 86x5	156.5 x 89.5	164.5 x 124.5	215 x 162

Table 4: C1L Mechanical Dimensions

*Recommended cut-out dimensions is provided based on landscape mounting.

Cable Requirements (by others):

1. Dewhurst 4-Wire output signal: 4-Wire (Min CSA 0.75mm²).

Fault Finding:

1. If power is applied, LED1 (red) on the display will light up and stay ON while the unit boots up.
2. The LED1 (red) on the display will blink quickly when it receives the Dewhurst G4 protocol input from the Dewhurst Encoder.

Caution



1. Risk of electric shock. Never remove the casing of the unit.
2. Ensure that the Power Supply is connected properly and that the voltage is correct before turning on the unit.

Mechanical Mounting

