

## Colour LCD for Elevators Hall Displays

The LCD shall be *C1L of 3.5", 4.3" (delete where necessary)* or its equivalent with the applications allowing:

- Capability of communicating with elevator controllers and displaying elevator operation status and information including
  - Floor and travel direction of the elevator
  - Elevator status messages (Maintenance, Overload)
  - Customized messages (Call Activated, Call in Progress)
- Capable of working independently without the lift controller to show:
  - Floor and travel direction of the elevator
  - Customized messages (Call Activated, Call in Progress)
- Building Information or tenant advertising content (flipping static pictures)
- RSS feeds for news, weather forecast
- Landscape or portrait view

The LCD shall be a TFT screen with wide viewing angle of about 140 degrees, slim profile with no more than 25mm in thickness, for easy fitting into the front return panel or the car/landing transom. The contrast ratio shall also be at a ratio of at least 500:1 for a clear and bright projection. It shall also provide long lasting and reliable backlight functionality. Apart from that, the LCD shall be equipped with a power saving feature, allowing the backlit light to be turned off when the elevator is at idling mode. The LCD shall also be provided with a clear polycarbonate which is durable and has good heat resistance.

The LCD shall have the ability to allow updating of content/files as below:

- Locally via USB
- Remotely via a CANbus system with a GSM device

Content editing software shall be provided to offer capability in content management by the building owner for the following elements:

- Type and location of directional 2D arrows (at 40mm height to comply accessibility codes)
- Fonts, colour, location of floor numbers (at 30mm height to comply accessibility codes)
- Specify and transfer pictures to show
- Ability to schedule content that will be shown on the display
- Content and location of status and customised messages
- Specify and transfer pictures to show

Appropriate training with comprehensive training material to use the LCD system shall be provided if needed.