



LIQUID CRYSTAL DISPLAYS (LCD's)

Our dedicated Team can advise the most appropriate LCD for your product.
An overview of some of our LCD capabilities are listed below, however,
our UK and Offshore manufacturing partners allow us to fulfil most LCD requirements.

Our manufacturing partners enable us to deliver a part or full turnkey service encompassing
design and prototype through to production manufacture.

Our LCD's can be supplied as a stand alone item or as part of a project build.

- ***Passive Glass LCD Panels***

A standard catalogue or custom designed segmented display with optional icon panels with FPC connector tail,
straight or curved pins or elastomer type connections.

- ***Character and Graphic LCD Modules***

A standard catalogue or custom designed character and graphic modules with COB, COG or TAB driver
technologies with optional LED, EL or CCFL backlighting (larger displays)

Viewing characteristics can be enhanced by incorporating the most
suitable technologies including:

- Twisted Nematic (TN)
- Super Twisted Nematic (STN)- High contrast and wide angle
viewing available with a range of background colours (e.g
yellow/green with black characters, silver/grey with black
characters, dark blue with white characters).
- Film Super Twisted Nematic- Offers black and white STN with
a very high contrast ratio for large graphic displays.

Further display options include:

- Display: Positive or negative image.
- Polarizing: Reflective, Transflective and Transmissive.
- View: From above (12 O'clock) or from below (6 O'clock).



These figures should be used as a general guide only and will vary according to design and product.