

LCD-80

Liquid Crystal Display



Intelligent/Addressable Devices

General

The LCD-80 is an 80-character, backlit LCD display annunciator for the NOTIFIER AFP-2800 and AFP-2802 fire indicator panels (FIP). Up to 32 LCD-80s may be connected onto the two-wire distributed ring. The LCD-80 has two basic modes of operation, "Terminal" and "Annunciator" mode.

Common Features

- 80-character backlit Liquid Crystal Display (20 characters x 4 lines).
- Time and date display field.
- Can be remotely located up to 1000 metres from the control panel.
- Mutable local piezo sounder with alarm/fault/isolate resound.
- Flush or surfacel mount options available.
- EIA-485 interface: up to 32 per FIP.

Terminal Mode

In "Terminal" mode, the LCD-80 mimics the AFP-2800 and AFP-2802 displays.

- No programming necessary.
- LCD-80 displays time, date, and events received from the panel.
- Displays device type identifiers.
- Alarm/fault/isolate count.
- Individual buttons to display Alarms, Faults or Isolates.
- Scroll buttons to view multiple events.
- Mute button to silence internal sounder.



Annunciator Mode

When operated in "Annunciator" mode, the LCD-80 is an alphanumeric display module that acts as a remote display interface to the AFP-2800 or AFP-2802 FIP. It displays pre-programmed messages which are activated by a script event in the FIP.

- Up to 64 pre-programmable messages of 60 characters each, programmed via AFP-2800 PCI.
- Displays message number read against total number of active messages.
- Scroll buttons to view multiple messages.

Specifications

External Supply Voltage:	20VDC to 28VDC
Standby Current:	100mA
Alarm Current:	100mA
Communications Link:	EIA485 multi-dropped

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