4 Channel

The Operator Interface, part number MPLO04, allows the operator to view, access, and control multiple remote analyzers from a convenient, central location. It is a panel-mounted, multi-page interface device, with touch-sensitive graphics for easy operation. It allows an operator to acknowledge and reset alarms, and through password protection, calibrate, read and adjust the settings of each analyzer. The information is presented in easy-to-read formats on a backlit liquid crystal display, measuring 3.8 inches diagonally. Up to 4 PrevEx Flammability Analyzers can be connected to the Operator Interface, using a single daisy-chained data cable, located up to 4,000 feet from the device. When purchased with Control Instruments' analyzers, the Operator Interface is factory-programmed and tested before shipment.

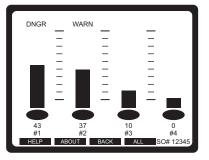
Information is presented on a series of pages, a Home Page and subsequent detail pages for each analyzer. Each page contains a Help button that describes the information on that page as well as navigation options.

Home Page

Displays the status of up to four analyzers. Each channel shows:

- > Analyzer ID number, set by user
- Numeric reading
- > Vertical value bar graph with oval function button below
- Status messages

Press **ALL** to display the Master Commands Page. This page sends commands to *all* the analyzers connected to this device, simultaneously.



Press below the bargraph to display the Commands Page for *one* analyzer at a tme.

Master Commands Page

This page contains the following Command buttons:

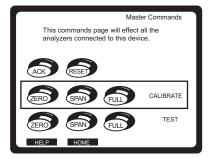
- > Press 🔊 to acknowledge an alarm.
- Press resp to reset an alarm.
- Press one of the and the protected.

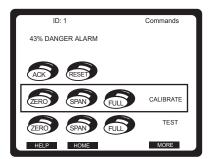
Commands Page

<u>oerator Intertace</u>

This page contains the following analyzer information:

- > Analyzer ID number, set by the user
- > Analyzer's current reading and status
- > Press 🐼 to acknowledge an alarm.
- Press reset on alarm.
- Press one of the and functions to activate calibrations or tests. They are password protected.
- Press MORE to show the Analyzer View Page.







4 Channel

Analyzer View Page

This page is a real-time image of the control panel. It contains:

- > Analyzer ID number, set by user
- The analyzer's electronics as viewed through the window of the analyzer's cover
- > Activation of Menu and Select functions are password protected.

Press MORE to show the remaining detail pages.

ID: 1	Analyzer View
43 % LFL F	W H Z S I HT
Activate Menu and Select	
HELP HOME	BACK MORE

Detail Pages

Other pages show the current function or values assigned to each register for each individual analyzer. These values can be changed using the Analyzer View Page described earlier. Navigation between detail pages is performed using the **MORE** and **BACK** buttons.

ID: 1	Gauges		ID: 1		Calibration		ID: 1		Alar
43% DANGER ALARM Peak High 45 %L Peak Low 0 %L HSG Temp 120 C Set Temp 120 C Flow 2.83 L Low Flow 1.41 L Flame 589 C HELP HOME	FL PM PM	↑ ↓	43% DANG Raw Zero Raw Span CAL Time CAL Rdng Span °C Linear Speed CAL Lock	ER ALARM 501 C 131 C 1 Min 64 %LFL 131 C 40 %LFL Med Unlocked HME BACK	MORE	↑ ↓	0% NORMAI Warning Danger Rate Latches FailSafe Auto Ign Version Type Serial # Language HELP H	L 30 %LFL 40 % LFL ON FDW FDW 0 VER 5-04 SNR672 04-123 ENGLISH OME BACK	
ID: 1 43% DANGER ALARM RLY Test mA Test 4.0 mA mA Scale 0 %LF 4mA ADJ 0.2 m4 20mA ADJ 0.2 m4 20mA ADJ 0.2 m1 mA CAL 22.1 m mA CAL 22.1 m mA Fault 21.0 m Control 1 Reset Control 1 Reset Control 2 Acknow RLY CNFG Hom	А. А. А. А.	↑ ↓	ID: 1 16% NORM Set Baud Baud Rate Auto Baud Address * ID NBR	IAL 19200 ON 1 1 1 1 HOME BACK	Communications				

