

The Operator Interface, part number MPL004, 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.

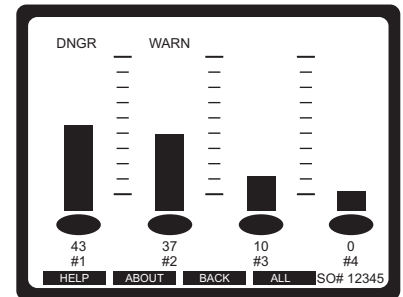
Home Page

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.

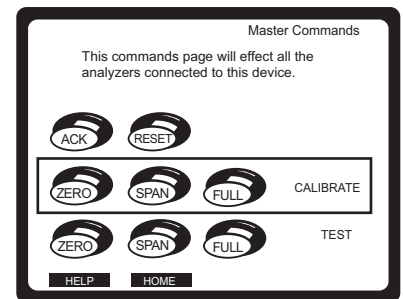
Press  below the bargraph to display the Commands Page for one analyzer at a time.



Master Commands Page






This page contains the following Command buttons:

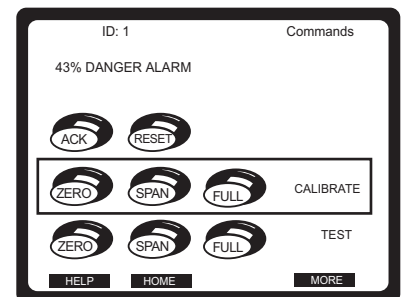
- > Press  to acknowledge an alarm.
- > Press  to reset an alarm.
- > Press one of the    functions to activate calibrations or tests. They are password protected.



Commands Page

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  to reset an alarm.
- > Press one of the    functions to activate calibrations or tests. They are password protected.



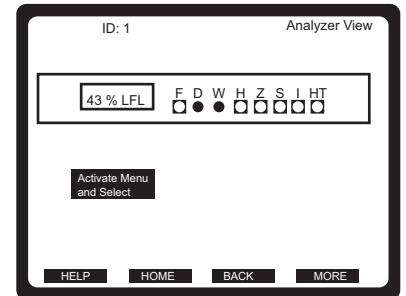
Press **MORE** to show the Analyzer View Page.



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.

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.

