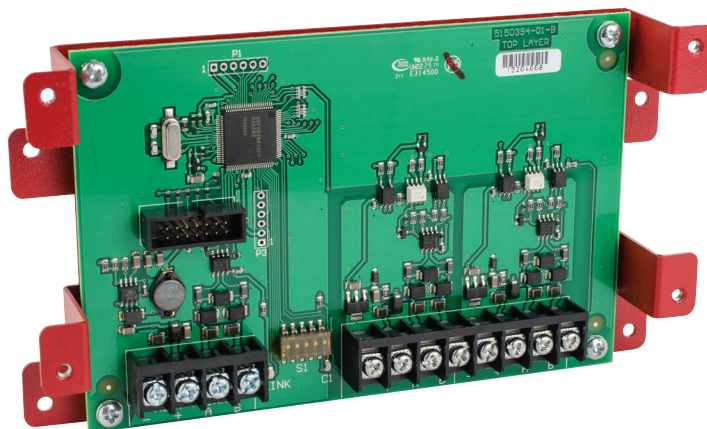


Status LEDs



Flashing	Normal Condition – MC-1000 communicating with FACP Will still need programming at MC-1000 Host for reporting
Solid	Incorrect wiring between Host panel and Client panel. The Client panel's software doesn't match the wiring at the MC-1000. I.E. Client 1 wiring is terminated on Client 2 terminals
Off	<ul style="list-style-type: none"> No communication with FACP. (LED is off until module is added to FACP program) A broken wire between the card and the Client panel

Reporting Code Examples

The MC-1000 allows multiple panels designated as Clients, to communicate to a central station receiver through a single panel designated as the Host. The Host panel can transmit signals to the remote/central station using either SIA or Contact ID protocols. Contact ID format is only capable of sending general zone type information, while SIA format allows for Point reporting from each panel. Point reporting for each panel is accomplished by the use of the PI modifier available with SIA protocol. This PI modifier is noted as NPi when viewing raw receiver data as indicated in the examples below.

How to Read a Raw Data String Using SIA Reporting by Point

Alarm Events Using SIA:

23 Oct 2017-15:58:22-01/02-SG-01-003-6969--Npi01/FA02001

23 Oct 2017-15:58:22-01/02-SG-01-003-6969--Npi01/FA02001

Date and Time

Receiver and Line
Card Number

Account Number

Npi01 indicates the main (Host) panel.
Npi02 – Npi63 indicates the client panel.

SLC Point Address (01-127)

SLC Loop Address (00-31)

Event (FA = Fire Alarm)

How to Read Data String Using CID Reporting by Zone

Alarm Events Using CID:

23 Oct 2017-14:15:55-01/02-SG-01-003-6969-E110-01 FIRE 000

23 Oct 2017-14:15:55-01/02-SG-01-003-6969-E110-01 FIRE 000

Date and Time

Receiver and Line Card Number

Account Number

01 indicates the Host panel.

02 – 63 indicates the client panel.

E110 indicates an alarm event, in this example a pull station.

MC-1000 Host Panel Software Programming

The Host panel P-Link circuit must be connected to each MC-1000 module. Each MC-1000 module must also be entered in the Host panel's configuration program.

- Client panel "Name" is either Client 1 and Client 2 by default. These can be renamed to better identify the panels.
- The "Address" field is the physical P-link address of the MC-1000 set by the dipswitch.
- Each MC-1000 module can support two (2) Client panels. Each Client panel connection used must be enabled by checking the "Client In Use" box.
- The "Display On Host" option must be checked for Client panel events to display at the Host panel.

Select

☒ Host (Reporting Panel ID #1)

☐ Client

Add Device Delete Device

Type	Name	Address	Client 1 in use	Display On Host	Client 1 Panel Name	Client 1 Panel ID	Client 2 in use	Display On Host	Client 2 Panel Name	Client 2 Panel ID
MC-1000	MC-1000 1	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	IPA-100	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	IPA-4000A	3

MC-1000 Client Software Programming

Client panel P-link circuits are connected to either the Client 1 or Client 2 terminals on the MC-1000 module. The Client connection for each specific MC-1000 module must be entered in the Client panel's configuration program.

- By default the "Name" shown during programming is MC-1000. This can be modified to better identify the where the MC-1000 is located.
- The "Address" field is the P-Link address of the MC-1000. This is set on the card.
- The "Client Connection" is used to select if the panel is connected to the Client 1 or Client 2 terminal.
- "Panel ID" is the Panel Number that will report to the monitoring station receiver for this client panel. This Panel ID is based on the module's P-link address and which Client connection is used and cannot be adjusted.

Select

☐ Host (Reporting Panel ID #1)

☒ Client

Add Device Delete Device

Type	Name	Address	Client Connection	Panel ID
MC-1000	MC-1000 Client 1	1	Client 1 ▼	2

Display Events on Host Panel

When Display on Host is selected, events from the Client panel will display on the Host panel.

The Host panel will display general zone type information including, alarm, waterflow, supervisory and trouble conditions. The Host panel does not have control over Client Panels. Events from a Client panel cannot be reset or silenced at the Host panel. Below is an example of how different Client panels display at a Host panel.

SLC 1.4:ALARM FIRE INPUT

Point 1.4 Zone 7

12/11 2:05:38PM

Press ↓ for Status Alarm [1]

This is the Host panel. The alarm is initiated by subpoint 1.4 as indicated on the upper left hand side of the screen.

MC-1000 1-1:Alr IPA-100

Fire Alarm 12/11 2:01:18PM

Press ↓ for Status Alarm [1]

This is the Host panel display with the first client panel in alarm, as indicated by the MC-1000 1-1. In this example the Client Name selected was IPA-100. The name can be edited in the software under the MC-1000 tab.

MC-1000 1-2:Alr IPA-4000A

Fire Alarm 12/11 2:03:12PM

Press ↓ for Status Alarm [1]

This is the Host panel display with the second Client panel in alarm as indicated by the MC-1000 1-2. The Client Name is located on the upper right hand side of the screen. This can be edited in the software under the MC-1000 tab.

Note: Only general information from the Client is displayed on the Host panel.