

## Features

- ◇ 1 RS485 port
- ◇ 1 RS422 port
- ◇ 2 CAN ports
- ◇ 1 LED port
- ◇ 10 GPIO ports
- ◇ 7 GPIO inputs

## Description

- ◇ Refer to GST-IFP4M Fire Alarm Control Panel Installation (Document #30310301) and Operation Manual (Document #30310331)
  - ◇ MP-401 CPU Card is CPU board of GST-IFP4M control panel.
  - ◇ Is not hot-swappable MP-401 CPU Card.
  - ◇ MP-401 CPU Card can be connected with MP-400 through PCB connector.
- LED corresponding for MP-400 is flashing to mean that MP-401 is operating normally.

## Connection and Wiring

MP-401 is inserted into the lining board of MP-400. One MP-400 can have two MP-401 cards which are inserted onto slot 1# and slot 2#.

When one MP-401 card is used, slot 1# is available. LED on the MP-400 is flashing when MP-401 works normally.

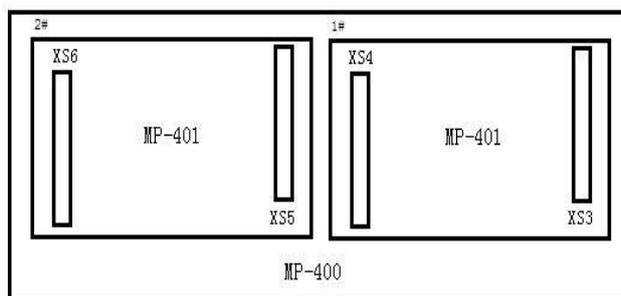
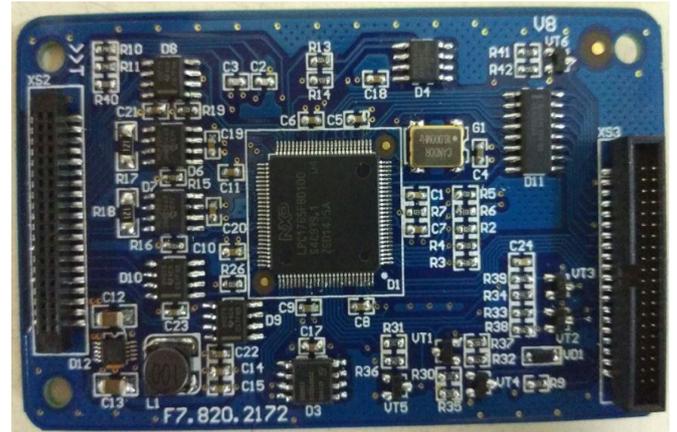
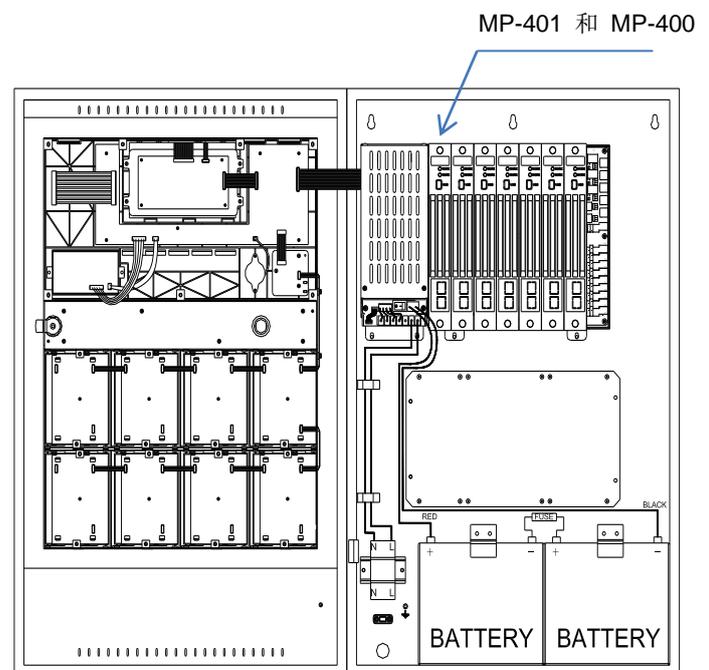


Fig. 1 Installing MP-401 on MP-400



## Installation

After installing MP-401 on the MP-400, MP-400 is inserted onto MB-400.



## Application

MP-401 card is main board of GST-IFP4M control panel. It controls and monitors states of NAC, relay, auxiliary power and processes 485 cable and CAN information.

## Specification

Comm. Interface	One RS455, one RS485 and two CAN interfaces
Baud Rate	10Kbps
Ambient Temperature	0-49°C/32-120° F
Relative Humidity	93% RH (non-condensing)
Electrical Rating	5VDC, 100mA,

## Trouble Shooting

Problems	Solutions
The control panel reports the fault of off-line main board.	<p>If the corresponding LED on MP-400 is flashing, the main board operates normally. Then check cables between MB-400 and LED keypad board.</p> <p>If the corresponding LED on MP-400 is not flashing, the control panel can be reset. Please replace the main board if the fault still exists after resetting.</p>

## Limited Warranty

**GST** warrants that the product will be free from defects in design, materials and workmanship during the warranty period. This warranty shall not apply to any product that is found to have been improperly installed or used in any way not in accordance with the instructions supplied with the product. Anybody, including the agents, distributors or employees, is not in the position to amend the contents of this warranty. Please contact your local distributor for products not covered by this warranty.

This Data Sheet is subject to change without notice. Please contact GST for more information or questions.

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