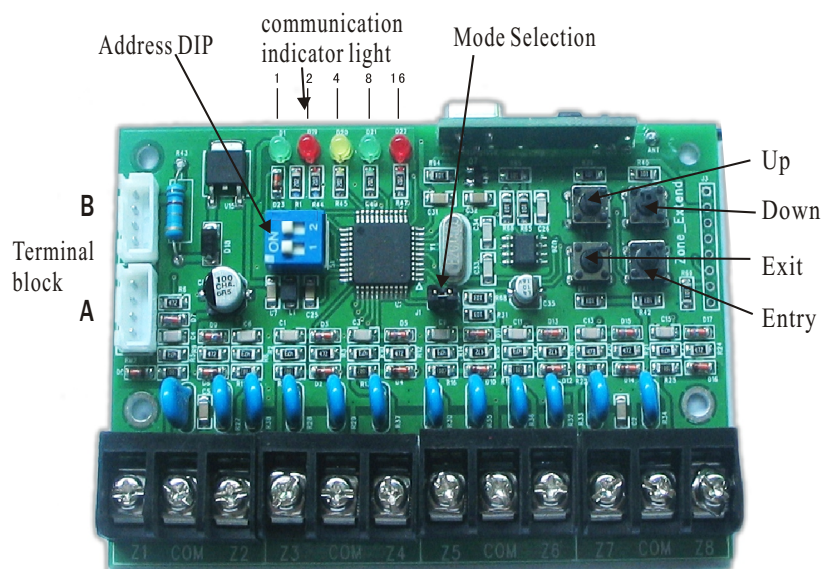


User manual for FC-7664 zone expansion board

It is an optional fitting of FC-7664, can expand 24 zones. It can be used as wired or wireless extensions, can connect with 3 expansion boards when used as wired, each board has 8 zones, distinguished by address. Can only connect with 1 expansion board when used as wireless, it can expand 24 zones, please preset DIP switch before you power on the expansion board. At the same time, you must make sure expansion zone is enabled in FC-7664 system menu.

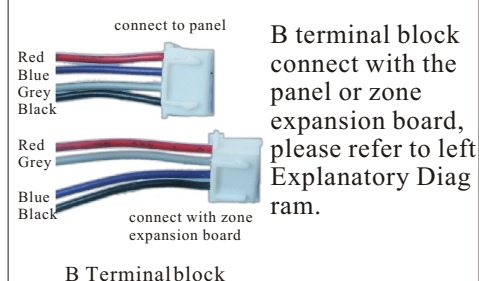
FC-7664 can expand 24 zones via zone expansion board, but it is alternative from zone expansion board and keypad zone, it detect zone expansion board in priority, when BUS detected zone expansion board, keypad zone is ignored automatically, when didn't detect zone expansion board in the continuous 15s, the keypad zone will be enabled automatically.



Mode Selection

Short circuit: wireless mode
Open circuit: wired mode

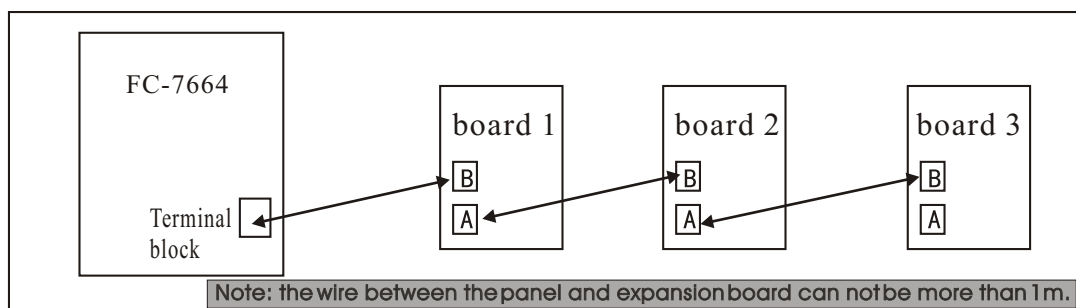
Terminal block



Note: When the communication is normal, LED 1,2 flashing.

When code the wireless device, LED 1,2,4,8,16 (BIN) is zone indicator light.

Wiring diagram



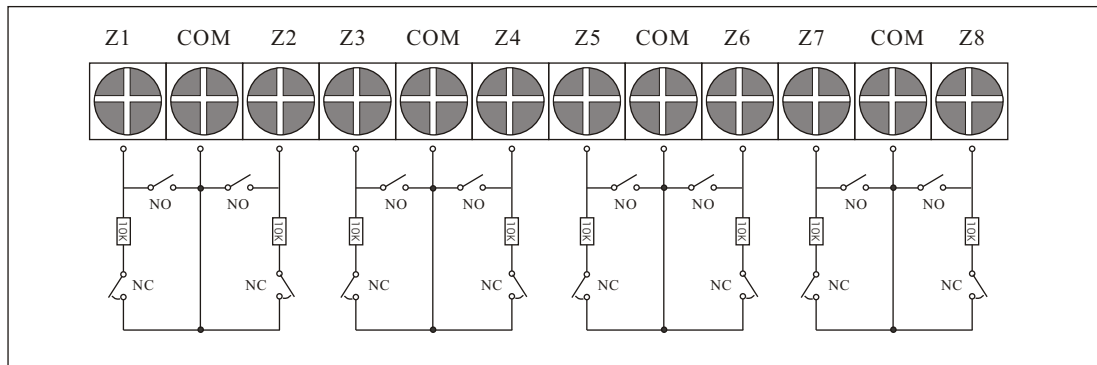
You can set the zone expansion board after you entering project setting. Firstly, finish DIP switch setting for reference "DIP switch" as below, then connect the zone expansion board with the control panel, the communication indicator light will flashing, you can input your password to enter setting status from FC-7664, then 5 LED light will flashing at the same time, press "Entry" key last for 3s, the 5 LED light will all off, it indicate you has entered zone expansion board setting status, after finishing setup, please press "Exit" key to exit the system.

Wireless coding

Wireless coding is compatible with all of wireless products of our company, except remote controller, emergency button.

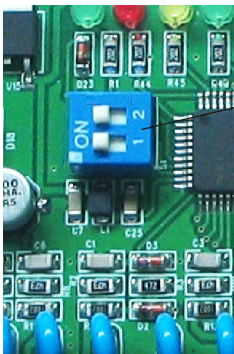
Note: when you set it as wireless mode, please choose short circuit of mode selection, then enter zone expansion board setting status

Wired connection mode:



Note: when you set it as wired mode, please choose open circuit of mode selection, then enter zone expansion board setting status.

DIP switch



- when the panel connect with the first zone expansion board, DIP 1,2 is ON
- when the panel connect with the second zone expansion board, the DIP of the first zone expansion board remain unchanged. The second zone expansion board DIP 1 is OFF, DIP2 is ON
- when the panel connect with the third zone expansion board, the DIP of the first and second board remain unchanged, the third zone expansion board DIP1 is ON, DIP2 is OFF
- when DIP1,2 is OFF, make it disabled.

Delete coding: press “Down” key last for 3 seconds, LED 1 flashing, then you can press “Down” key to select next one, or press “Up” key to select previous one, after selecting the corresponding zone, press “Entry” key, then all LED will flashing, that indicate delete coding successfully, the zone number will be subtracted 1 automatically.

Coding: press “Up” key last for 3 seconds, LED 1 flashing, then you can press “Down” key to select next one, or press “Up” key to select previous one, after selecting the corresponding zone, press “Entry” key, LED stop flashing, that indicate wireless coding successfully, after finishing setup, please press “Exit” key to exit the system.