

**Description:**

The 302 588 Rev1 Zone board controls and monitors eight (8) detector circuits. Up to three 302 588 Rev1 Zone boards can be fitted to a NZ3200 FACP. The 302 588 Rev1 Zone board is not compatible with 302-588 Zone board and 302-635 Main System Board, and can only be used with the 302-708 Main System Board.

**Installation:**

**Observe anti-static precautions at all times**

To install the 302-588 Rev 1 Zone Board:

1. Power down the system and disconnect batteries.
2. Mount the board directly below the Main Board or previous Ext. Board with the 4 screws provided.
3. Connect the ten way ribbon cable provided from CN2 on previous 302-588 Rev 1, or CN9 on the 302-708 to CN1 on the 302-588 Rev 1 Zone Board being installed. If the lamp is required connect the supplied three way ribbon cable between CN5 on the 302-708, and CN5 on the 302-588 Rev1 Zone Board.
4. Set the number of Zone boards on 302-708 as per Table 1.
5. Set address on 302-588 Rev 1 Zone Board as per address Table 2
6. Set Zone configuration of 302-588 Rev1 Zone Board according to Table 3.
7. Power up NZ3200 system, and test operation of 302-588 Rev 1 Zone Board.

**302-708 SYSTEM BOARD SETTINGS**

Setting the number of zone cards. (Table 1)

Switches 1 and 2 of switch bank SW6 set the number of zone cards fitted to the system as shown below.

Number of Zone Cards	SW 6-1	SW6-2
0	OFF	OFF
1	ON	OFF
2	OFF	ON
3	ON	ON

**302-588 REV1 ZONE BOARD SETTINGS**

The zone card has three (3) banks of DIP switches to set:

- SW1 - Zone Bell Setting
- SW2 - Zone Fire output settings
- SW3 - Zone Configuration

**Setting the address of the Zone Cards. (Table 2)**

A set of four jumper pins are used to set the card address located immediately above the micro-controller. Each card in the system must have a unique address. For the card to function correctly the address must be set using the address jumpers.

Address	Setting
1	Address Setting
2	Address Setting
3	Address Setting

**Setting zone Bell output**

Each zone on the 302-588 may be selected to either sound or not sound the bells when in alarm. To set a zone to sound the bells set the DIP switch on SW1 to 'ON'. For example to set zone two (2) to sound the bells when in alarm set SW1-2 to 'ON'.

**Setting zone Brigade call output**

Each zone on the 302-588 may be selected to either call or not call the brigade when in alarm. To set a zone to call the brigade set the DIP switch on bank SW2 to 'ON'. For example to set zone two (2) to sound the bells when in alarm set SW1-2 to 'ON'.

**Setting Zone Configuration**

Zones on the 302-588 can be set to four different styles. The zones are set in pair's. Switches SW3-1 and SW3-2 set the operation of zones one and two, SW3-3 and SW3-4 set the operation of zones three and four and so on as shown below.

Zone Style	SW3-3	SW3-4
Heat only	OFF	OFF
Smoke only	OFF	ON
Combined (Heat and Smoke)	ON	OFF
Combined with Automatic Verification	ON	ON

