



Operating Manual

A 4581 Alert/Evac/Chime/Cancel Remote Plate



Overview

The A 4581 wall plate allows remote triggering of the Alert, Evacuation and Chime tones and the cancel function of the A 4575A Alert/Evacuation Controller. The switches are momentary operation and must be pressed for up to 3 seconds to activate. The Alert and Evac switches have protective “flip up” covers to prevent accidental operation.

Connections

There are two RJ45 ports on the rear of the A 4581 wall plate, either of which can be used to connect to the A 4575A via standard Cat5e cabling as shown in Fig 2. If the A 4581 has a connection problem with the A 4575A main unit the LED on the wall plate will flash.

Remote triggering is only available when the A 4575A is in “Auto” mode which is selected by the key switch on the front of the A 4575A. If the Alert, Evac and Chime switches on the A 4581 plate are pressed when the A 4575A main unit is in “Manual” or “Isolate” mode, nothing will happen. The LED on the wall plate will illuminate when the A 4575A main unit is in “Manual” or “Isolate” mode to alert the user that the wall plate is inactive.

If the Alert and Evac switches are pressed on the A 4575A while the unit is in “Manual” mode the corresponding Alert, Evac and Chime switches on the A 4581 wall plate will illuminate.

DIP Switch Settings						
ID	1	2	3	4	5	6
1	ON	OFF	OFF	OFF	OFF	OFF
2	OFF	ON	OFF	OFF	OFF	OFF
3	ON	ON	OFF	OFF	OFF	OFF
4	OFF	OFF	ON	OFF	OFF	OFF
5	ON	OFF	ON	OFF	OFF	OFF
6	OFF	ON	ON	OFF	OFF	OFF
7	ON	ON	ON	OFF	OFF	OFF
8	OFF	OFF	OFF	ON	OFF	OFF
9	ON	OFF	OFF	ON	OFF	OFF
10	OFF	ON	OFF	ON	OFF	OFF
11	ON	ON	OFF	ON	OFF	OFF
12	OFF	OFF	ON	ON	OFF	OFF
13	ON	OFF	ON	ON	OFF	OFF
14	OFF	ON	ON	ON	OFF	OFF
15	ON	ON	ON	ON	OFF	OFF
16	OFF	OFF	OFF	OFF	ON	OFF
17	ON	OFF	OFF	OFF	ON	OFF
18	OFF	ON	OFF	OFF	ON	OFF
19	ON	ON	OFF	OFF	ON	OFF
20	OFF	OFF	ON	OFF	ON	OFF
21	ON	OFF	ON	OFF	ON	OFF
22	OFF	ON	ON	OFF	ON	OFF
23	ON	ON	ON	OFF	ON	OFF
24	OFF	OFF	OFF	ON	ON	OFF
25	ON	OFF	OFF	ON	ON	OFF
26	OFF	ON	OFF	ON	ON	OFF
27	ON	ON	OFF	ON	ON	OFF
28	OFF	OFF	ON	ON	ON	OFF
29	ON	OFF	ON	ON	ON	OFF
30	OFF	ON	ON	ON	ON	OFF
31	ON	ON	ON	ON	ON	OFF
32	OFF	OFF	OFF	OFF	OFF	ON

Fig 1

DIP Switch Settings						
ID	1	2	3	4	5	6
33	ON	OFF	OFF	OFF	OFF	ON
34	OFF	ON	OFF	OFF	OFF	ON
35	ON	ON	OFF	OFF	OFF	ON
36	OFF	OFF	ON	OFF	OFF	ON
37	ON	OFF	ON	OFF	OFF	ON
38	OFF	ON	ON	OFF	OFF	ON
39	ON	ON	ON	OFF	OFF	ON
40	OFF	OFF	OFF	ON	OFF	ON
41	ON	OFF	OFF	ON	OFF	ON
42	OFF	ON	OFF	ON	OFF	ON
43	ON	ON	OFF	ON	OFF	ON
44	OFF	OFF	ON	ON	OFF	ON
45	ON	OFF	ON	ON	OFF	ON
46	OFF	ON	ON	ON	OFF	ON
47	ON	ON	ON	ON	OFF	ON
48	OFF	OFF	OFF	OFF	ON	ON
49	ON	OFF	OFF	OFF	ON	ON
50	OFF	ON	OFF	OFF	ON	ON
51	ON	ON	OFF	OFF	ON	ON
52	OFF	OFF	ON	OFF	ON	ON
53	ON	OFF	ON	OFF	ON	ON
54	OFF	ON	ON	OFF	ON	ON
55	ON	ON	ON	OFF	ON	ON
56	OFF	OFF	OFF	ON	ON	ON
57	ON	OFF	OFF	ON	ON	ON
58	OFF	ON	OFF	ON	ON	ON
59	ON	ON	OFF	ON	ON	ON
60	OFF	OFF	ON	ON	ON	ON
61	ON	OFF	ON	ON	ON	ON
62	OFF	ON	ON	ON	ON	ON
63	ON	ON	ON	ON	ON	ON

Cascading the A 4581 plates

If more than one remote wall plate is required then the A 4581 wall plates can be cascaded together with only one connection back to the A 4575A required as shown in Fig 2.

A Maximum of 16 plates is recommended, (If more than 16 wall plates are required contact Altronics for configuration details).

There are two RJ45 ports on the rear of the A 4575A, either of which can be used for connection to the wall plates.

The A 4575A also supports connection of the A 4578 wall plate which is the same as the A 4581 but without the “Chime” button. Both the A 4578 and A 4581 plates can be connected to the A 4575A at the same time and in any combination. Figure 3 illustrates one example.

Every wall plate must have a unique ID which is set by the DIP switches which are accessed on the rear of the plate. A maximum of 63 ID's are available. Remove power before changing DIP switch settings. The new settings will take effect when power is returned.

Fig 1 illustrates the DIP switch ID settings.

DIP Switches 7-8 are not used.

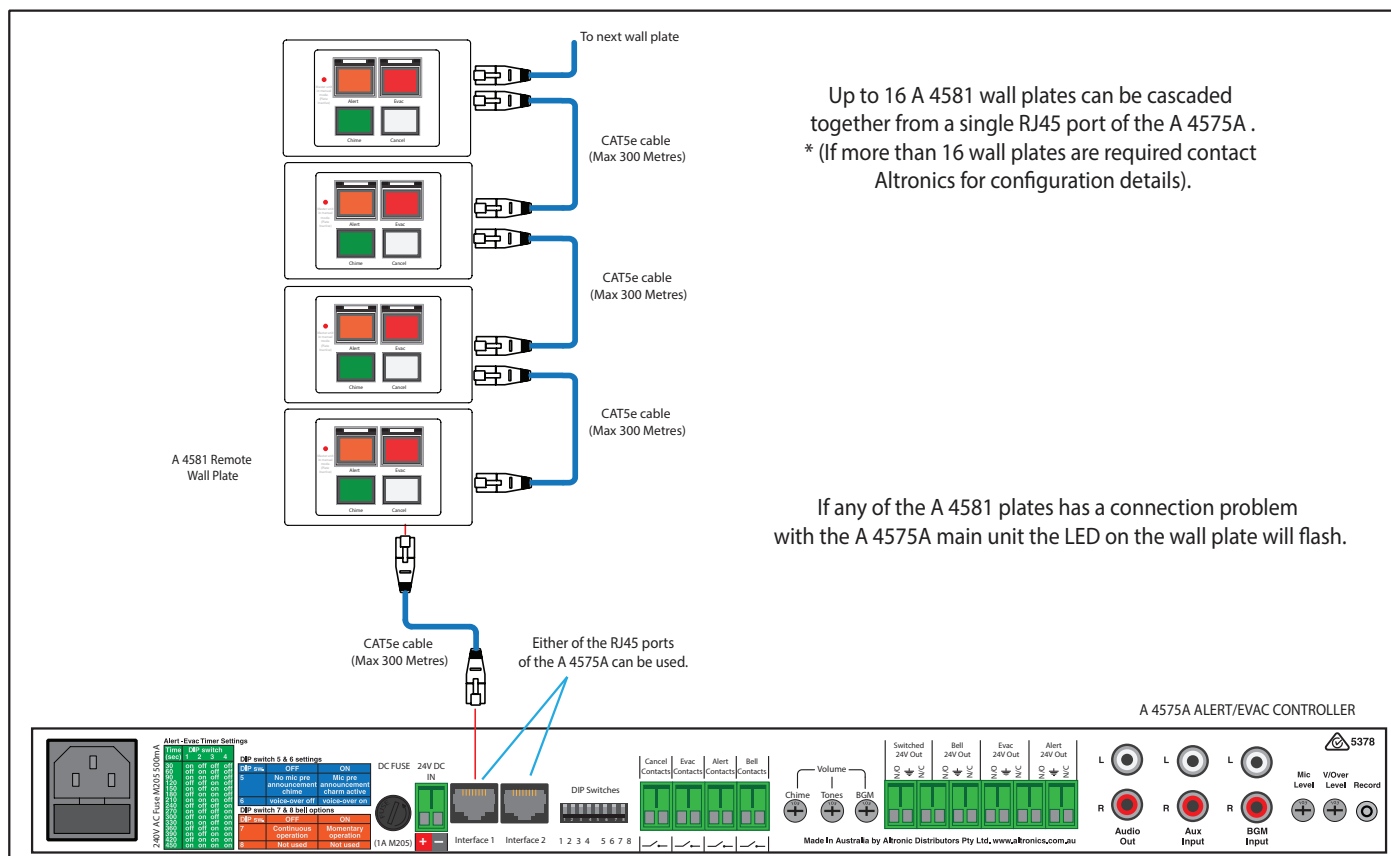


Fig 2

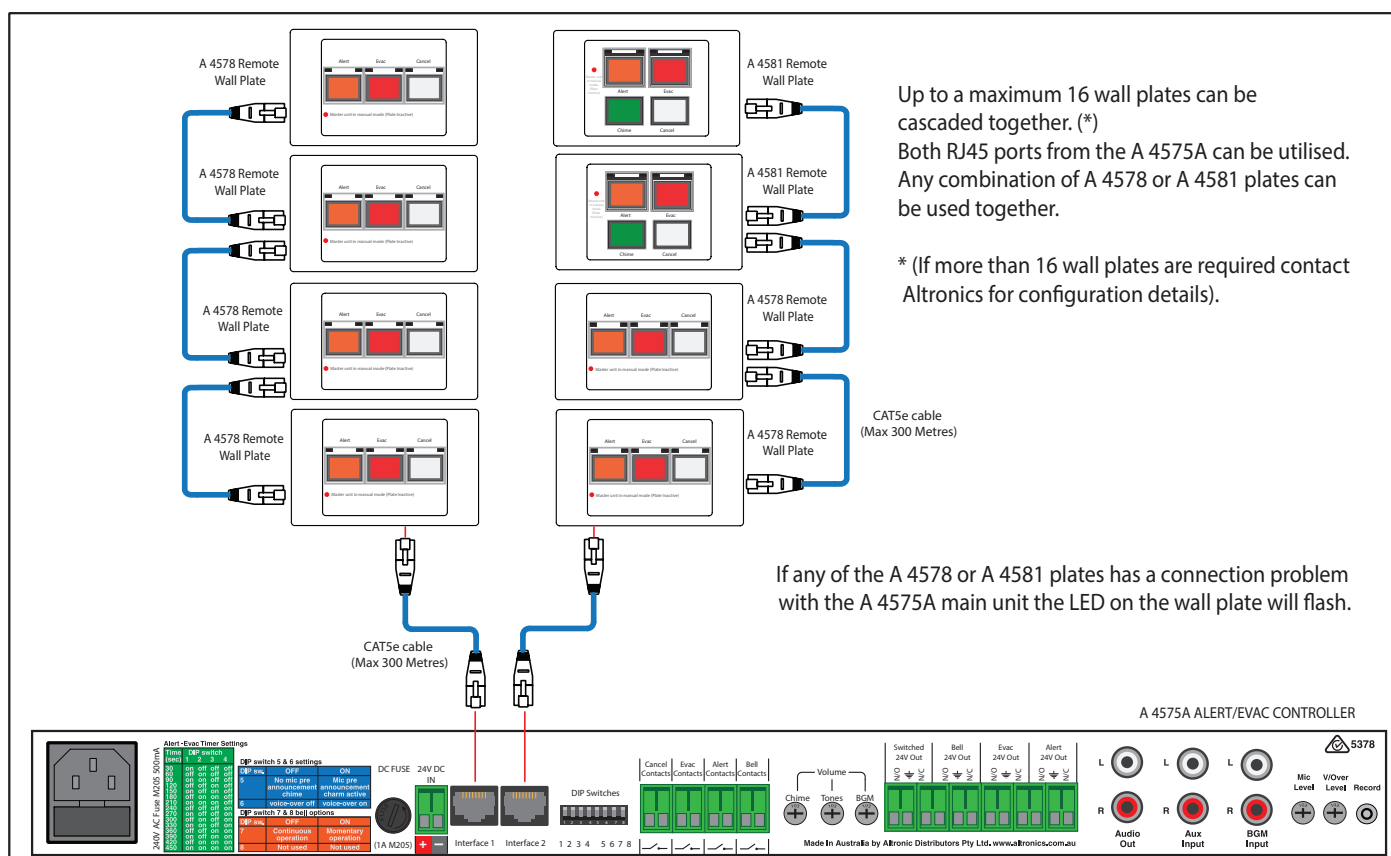


Fig 3