AIPHONE

APPLICATION NOTE

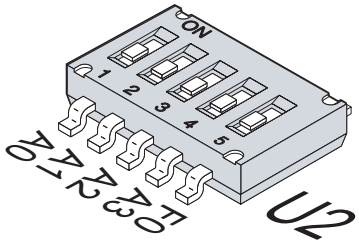
AC Series

Panel Dip Switch Setting Guide

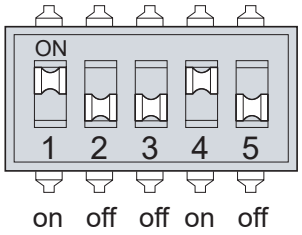
This guide provides an overview of the dip switch settings on AC-2DE and AC-IOE expansion boards. These dip switches provide unique IDs to the boards so that the master controller and AC Nio™ software can distinguish what equipment is connected.

Dip Switch Settings

The dip switches used in addressing will be part of a larger row of switches, either 5 or 8 depending on the model. The relevant switches will be labeled A0-A3 on the circuit board, which are labeled 1-4 at the bottom of the dip switches. A0 is 1, A1 is 2, A2 is 3, and A3 is 4.



Address range restrictions:
AC-IOE boards can only be addressed with 01-08.
An AC-2DE mounted on an ACS-ELV elevator panel needs to be set to 09 or 10.
All other boards and applications can use 01-15.

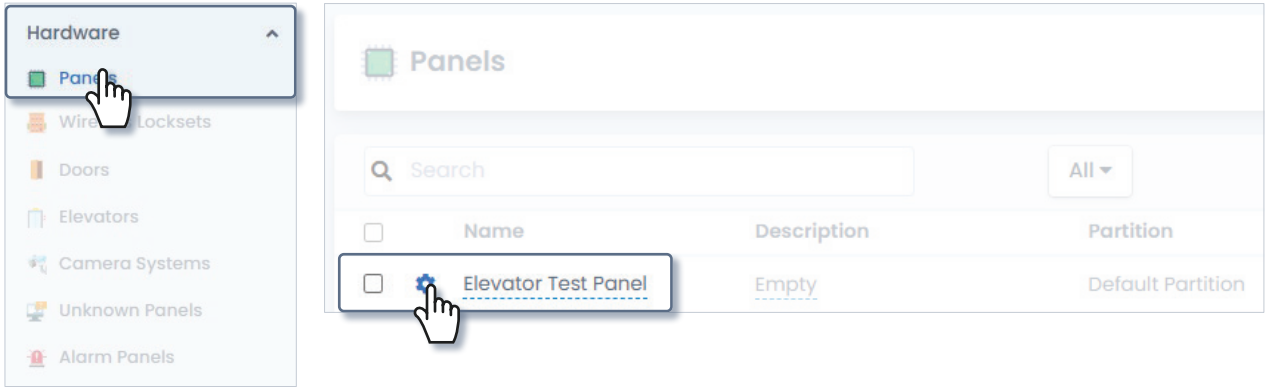


ADDRESS	A0	A1	A2	A3
01	ON	OFF	OFF	OFF
02	OFF	ON	OFF	OFF
03	ON	ON	OFF	OFF
04	OFF	OFF	ON	OFF
05	ON	OFF	ON	OFF
06	OFF	ON	ON	OFF
07	ON	ON	ON	OFF
08	OFF	OFF	OFF	ON
09	ON	OFF	OFF	ON
10	OFF	ON	OFF	ON
11	ON	ON	OFF	ON
12	OFF	OFF	ON	ON
13	ON	OFF	ON	ON
14	OFF	ON	ON	ON
15	ON	ON	ON	ON
00 (DISABLED)	OFF	OFF	OFF	OFF

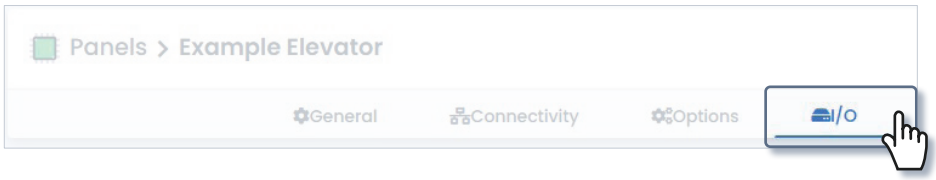
Do not set the dip switches while the expansion board is disconnected or its panel is turned off. Connect the board to the master controller, then make any changes.

Viewing Registered Panels in AC Nio

To view the expansion boards connected to a panel, navigate to **Hardware**, Panels on the left side menu in the AC Nio™ management software. Click the gear symbol next to the panel.



Click the **I/O** symbol on the top menu.



To the left, there will be a drop-down menu that displays the expanders available to the panel, ordered by their set ID. Select the desired expander to view the available inputs and outputs.