



Elevator Control Software Programming

USING SECURITY LEVELS FOR ELEVATOR CONTROL

The Elevator Control programming allows for Security Levels to define Floor Access parameters. However, this functions a little differently than normal Security Level programming. When an “Access Device” is read inside the elevator, the Elevator System will check the time of day and look until it finds a match, then activate the appropriate floors. If it finds a match in the time of day it will not continue to check other Time Zones. This can create a problem if you have overlapping Time Zones.

Here is an example: Relays 3 & 4 are Elevator Readers. Floors 2-10 have 24/7 access for tenants. Floor 11 is restricted to the hours of 7:00AM to 11:00PM.

Here is how you would need to program this:

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- TZ1 12:00AM – 06:59AM, Relay 3 & 4, Floors 2-10
- TZ2 07:00AM – 10:59PM, Relay 3 & 4, Floors 2-11
- TZ3 11:00PM – 11:59PM, Relay 3 & 4, Floors 2-10

As you can see, each minute of the day is covered, and the appropriate floors are enabled according to the time parameters.

Here are some examples of what would not work:

- TZ1 12:00AM – 11:59PM, Relay 3 & 4, Floors 2-10
- TZ2 07:00 AM – 11:00PM, Relay 3 & 4, Floor 11

In this set up, the Elevator checks time, sees TZ 1 and denies access to floor 11. Once it finds a time that matches, it will stop searching additional Time Zones.

- TZ1 07:00AM – 11:00PM, Relay 3 & 4, Floor 11
- TZ2 12:00AM – 11:59PM, Relay 3 & 4, Floors 1-10

In this set up, from the hours of 7AM – 11PM only floor 11 will work.

Please refer to this when programming for Elevator Floor Access.

Please contact DoorKing for more information.