Cindev White Paper WP 025

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Changing Flo by Moen mode to Away when Alarm system is armed

The Flo by Moen has three modes for monitoring water alerts, Home, Away and Sleep.

What are Flo by Moen System Modes?

Adjust the system mode of your location on the Dashboard to Home, Away, or Sleep so the Flo system can better protect you. Device mode can be adjusted by clicking the mode selector in the upper right hand corner of your Flo by Moen app or via Control4 programming.

- Home Mode is the regular system mode that is recommended for day-to-day use. System monitoring and notifications are available. Actions are performed by the user. Home Mode activates the regular protection expected from the Flo System, such as alarm notifications and automatic water shutoff. Except for circumstances where the inhabitants of the home will be gone for an extended period of time, or when Sleep Mode is appropriate, the system should be left in Home Mode.
- Away Mode is the system mode appropriate for when the inhabitants of the home will be gone for an extended period of time. System monitoring and notifications are available. Actions are performed automatically on the user's behalf. Away Mode adds additional protection to the home by learning what is normal for the home when inhabitants are not present, and in the event of a potentially dangerous condition, the system may take quicker precautionary action by shutting off the water.

    - Water Use in AWAY Mode

- Sleep Mode is a system mode that ignores all proactive and real-time tests, parameters, and quiets all alarm notifications, effectively putting the Flo System to sleep. System is in manual mode. System monitoring is available, notifications are disabled and actions are performed by the user. Sleep Mode should only be used when the home is experiencing or will experience irregular water usage which may trigger an undesired alarm. For example, Sleep Mode may be used when washing a car, refilling a swimming pool, having guests over the home, all of which may cause more water than considered normal to be used and may trigger a critical alarm. Following initial installation of the Flo device, the Flo System may start in Sleep Mode to learn the home's water habits before being set in Home Mode.

How to Set the Mode to Away when the security system is armed

Note: We assume you've already set up the Flo by Moen (Master) driver and a working Security system integration. In our example we'll be using the Cindev DSC IT100 driver.

Procedure:

Go to the security event: When Partition 1 is armed (note: your home may have many partitions and so you may need to choose a different event than what our example shows).

Add a conditional to the 'armed' event 'AND Arm Status == Away'

Add the trigger Set Location Mode to Away (this is found under the Flo by Moen master driver)

Programming

Device Events

- FM Radio
- Flo by Moen (Master)
- DSC Security Panel
  - Device Variables
  - Home Security
  - Area 2
  - Area 3
  - Area 4
  - Area 5
  - Area 6
  - Area 7
  - Area 8

Home Security Events

- ○ Alarm
- ○ Alarm Clear
- ○ Disarmed
- ● Armed
- ○ Partition State Changed
- ○ Arm Failed
- ○ Disarm Failed
- ○ Emergency Triggered
- ○ Arm Status Changed

Script

Script   Execute

When Living->Home Security has been Armed

Programming Controls

| Else | And | Or | Break | Stop | Delay | 5 | seconds |

Comment

Script Actions

? If Current Arm Status of Living->Home Security is Equal To Armed | Away
→ Set My House 6ad24ee2-a83f-41f6-9835-acd80b2e6bf5 to away

Actions

Device Actions

- Device Variables
- AM/FM Radio
- AM Radio
- FM Radio
- Flo by Moen (Master)
- DSC Security Panel
  - Device Variables
  - Home Security
  - Area 2
  - Area 3
  - Area 4
  - Area 5

Flo by Moen (Master) Actions

→ Set My House 6ad24ee2-a83f-41f6-9835-acd80b2e6bf5 to away

| Commands | Conditionals | Loops |

● Device Specific Command

Set Location Mode

| Location | My House 6ad24ee2-a83f-41f6-9835-acd80t |
| Mode | away |