

# Wildcard Recipe: Nexus21 Apex Motorized TV Wall Mount

## Problem

Your Crestron Home project includes one or more Nexus21 Apex Motorized TV mounts. The API requires HTTP POST commands.

## Solution

The Ultamation HTTP POST Wildcard module can be used to send commands to the device, via manual button presses or by integrating the commands into actions and sequences in Crestron Home.

1. Add the Ultamation HTTP POST Wildcard driver to Crestron Home
2. Configure your chosen commands for buttons or discrete commands (under Actions/Sequences) using the information in the table, and examples below.
3. You're in the 1-hour trial period window - give your new integration a test drive!
4. Once you're happy everything is working, purchase a licence key for your processor from [HTTP/S POST "Wildcard" f](#) or [Crestron Home](#)
5. Add the licence key to your Crestron Home configuration (under "Installer Settings")

## Command Table



Command	API Endpoint	Data
IN	api/command	{ "COMMAND": "IN" }
OUT	api/command	{ "COMMAND": "OUT" }
LEFT SWIVEL	api/command	{ "COMMAND": "LEFT SWIVEL" }
RIGHT SWIVEL	api/command	{ "COMMAND": "RIGHT SWIVEL" }
STOP	api/command	{ "COMMAND": "STOP" }
SAVE	api/command	{ "COMMAND": "SAVE" }
HOME	api/command	{ "COMMAND": "HOME" }
MEMORY POSITION 1	api/command	{ "COMMAND": "MEMORY POSITION 1" }
MEMORY POSITION 2	api/command	{ "COMMAND": "MEMORY POSITION 2" }
MEMORY POSITION 3	api/command	{ "COMMAND": "MEMORY POSITION 3" }
SETUP	api/command	{ "COMMAND": "SETUP" }

## Examples

The following examples show you how format the the commands in the Installer Settings of the module.



The first element - "Label" - can be whatever you want to have displayed on the button. The other elements must be formatted exactly as shown.

 Button 1 'Label Endpoint URL Post Data' Enter the command for a tile type - refer to the documentation for valid formatting. Leave blank for no command.	Out api/command {"COMMAND":"OUT"}
 Button 2 'Label Endpoint URL Post Data' Enter the command for a tile type - refer to the documentation for valid formatting. Leave blank for no command.	In api/command {"COMMAND":"IN"}

### Send the TV Mount to the Home position

```
1 Home|api/command|{"COMMAND":"HOME"}
```


### Send the TV Mount to Memory Position 1

```
1 Preset 1|api/command|{"COMMAND":"MEMORY POSITION 1"}
```

### Send the TV Mount back in

```
1 In|api/command|{"COMMAND":"IN"}
```

### Kudos

Kudos to Nu Home Tech  for suggesting this integration, providing API information and on-site testing.