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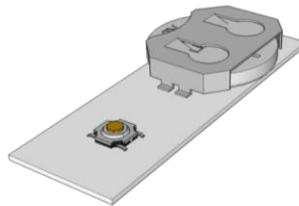
## PAIRING WITH PROGRAMMING REMOTE

The lighting system has been designed to be easily programmable and reprogrammable to fit any situation. Here are the key concepts:

- Each switch has a unique ID that is broadcast when switch is flicked. Before entering programming mode for the first time, a Switch Controller will operate from all GEM switches.
- Light Switch controllers can be supplied with a programming remote. The programming remote can be used to invoke 'programming mode' on any controller. The wireless range of the programming remote is approximately 1-3m so that programming mode can be invoked on controllers individually.
- 'Programming mode' is used to add switches to a Switch controller.
- A Switch Controller can pair with up to 6 switches to receive control from. (6-way switch)
- Entering programming mode will reset the Switch controller to an empty state (no switches will operate the controller until paired). i.e. invoking programming mode clears out all previously paired switches.

### To enter programming mode and pair an additional switch:

- 1) Check that the battery is installed in the programming remote.
- 2) Power up the Switch controller with lights connected.
- 3) Press the tactile button on the top side of the programming remote – this will invoke 'programming mode'.



- 4) The light will start flashing on to off at the frequency of about 1 second.
- 5) The controller is now in pairing mode and listening for additional switches – NOTE: any switches or switch modules operated at this time will be paired to this controller. (do not operate any switches that you do not want paired)
- 6) Once the switches have been operated (and paired) and no more are to be added, press the tactile button on the programming remote to exiting programming mode and pairing will now be complete. The additional switches will operate the controller.
- 7) To reset a controller and purge all switch pairings simply invoke programming mode again using the above steps and then exit pairing mode without pressing additional switches.

### Quick Troubleshooting:

If the controller did not enter programming mode:

- 1) Press the tactile button again.
- 2) Check the battery polarity (bottom negative to PCB).
- 3) Hold the programming remote closer (within range) to the Switch Controller.
- 4) Ensure Switch Controller is powered up.