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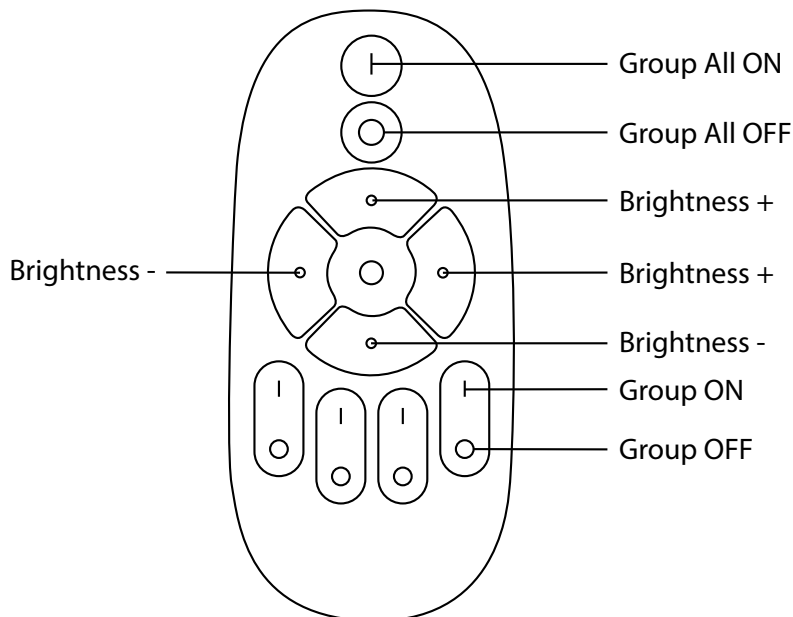
2. Description

TCM-RF-REMOTE 2.4 GHz RF handheld remote controls the on/off and brightness of the luminaire the TCM-RF-D dimming module it is synced with. Each TCM-RF-REMOTE can support up to 4 groups, with each group capable of controlling up to 20 TCM-RF-D dimming modules.

2.1 TCM-RF-REMOTE Specifications

- 2.4GHz
- Emission Power – 6db
- Powered by – (2) AAA Batteries
- Working Voltage – 3V
- Radio Frequency – 2400 – 2483.5MHz
- Modulation Mode – GFSK
- Standby Power Consumption – 5uA, Control distance 65-98 Ft. (20 - 30meters)
- Size – 4.33" x 2.12" x 0.79" (110mm x 54mm x 20mm)
- Low Battery Indicator – Red LED constant illumination

2.2 TCM-RF-REMOTE Button Controls



3. TCM-RF-REMOTE and TCM-RF-D syncing

1. Determine which luminaire contains the TCM-RF-D dimming module is to sync with the TCM-RF-REMOTE control.
2. Turn off the AC power to the Luminaire being synced with the TCM-RF-REMOTE control.
3. Hold down one of the `Group On` buttons. Turn on the AC power at the same time. The luminaire will flash slowly 4 times.
4. Release the button and wait approximately 5 seconds allowing the module to store the setting. Press the button to test the TCM-RF-REMOTE to confirm the remote activates the luminaire containing the TCM-RF-D dimming module. If it does not, retry the steps above.

4. TCM-RF-REMOTE and TCM-RF-D Un-syncing

1. Determine which luminaire the TCM-RF-D dimming module needing to be un-synced with the TCM-RF-REMOTE control.
2. Turn off the AC power to the Luminaire to be un-synced with the TCM-RF-REMOTE control.
3. Hold down one of the `Group Off` buttons and turn on the AC power at the same time. The luminaire will flash quickly 7 times.
4. Release the button and wait approximately 5 seconds allowing he module to store the setting. Press the button to test the TCM-RF-REMOTE to confirm the remote does not activate the luminaire with the TCM-RF-D dimming module. If it does not, retry the steps above.

5. TCM-RF-REMOTE Function

If the luminaire containing the TCM-RF-D dimming module loses power, the TCM-RF-REMOTE will not function. When power is restored, the luminaire will turn on to full brightness. Any brightness levels will have to be manually reentered using the TCM-RF-REMOTE control.

The 2 main buttons at the top of the TCM-RF-REMOTE control controls all luminaires having the TCM-RF-D dimming module. The 4 buttons in the center controls the brightness levels. Press and holding a button raises or lowers the brightness levels. Release the button when the desired brightness level is reached.

The 4 buttons at the bottom of the TCM-RF-REMOTE control the individual luminaire groups. Selecting an `On` button of a group turns on the luminaires synced with that group. Selecting an `OFF` button of a group turns off only the luminaires synced with that group. Note that the `Group all on` and `Group all off` buttons control all 4 groups simultaneously.

Any preset brightness levels are restored when the luminaire is turned off/on using the TCM-RF-REMOTE control.