

## Optional Parts & Accessories

Power Supply



RGB Strip Downlights



LED Downlights



Linear Actuators



### Proof of Purchase

This warranty is only valid to the original purchaser and is not transferable. Please keep your receipt for warranty purposes, please present your receipt when claiming warranty as proof of purchase date.

### Warranty

This product is warranted to be free from any defects for a period of 12 months (one year) from the date of purchase, any defects that may occur will be repaired or replaced.

### Warranty Procedure

Please return the faulty product with a valid proof of purchase to the original place of purchase. The customer is responsible for freight, postage and packing costs when claiming warranty.

### Exclusions

This warranty does not cover batteries, misuse, packaging, general wear and tear, power surges, lightning strikes, floods, incorrect installation, damage due to lack of care, modifications or repair by unauthorised persons.

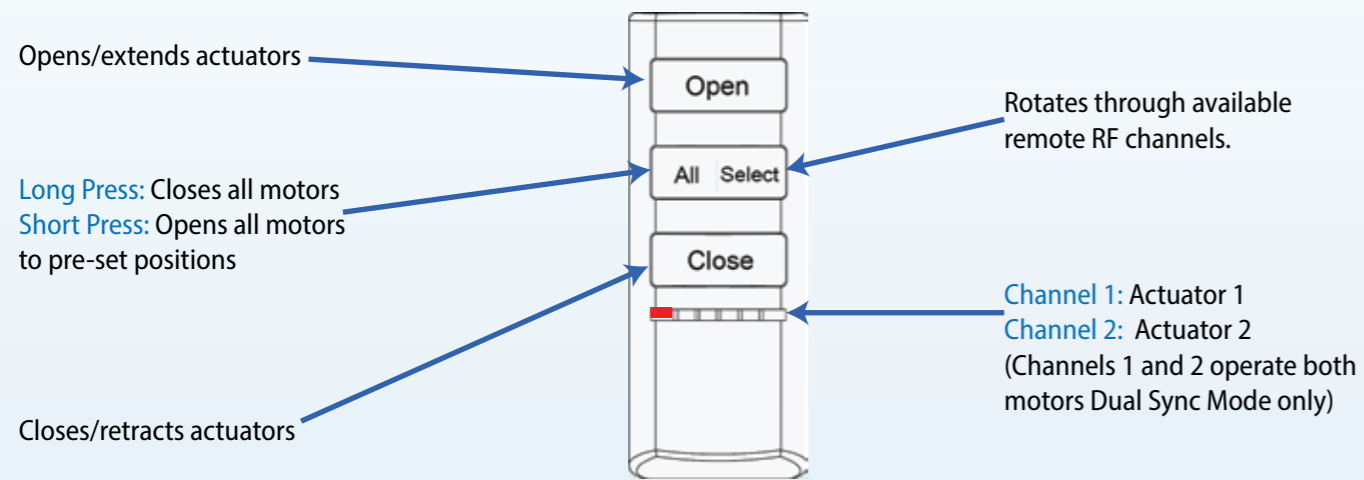
### Reseller Information

# TH717 Smart Motor Controller User Manual

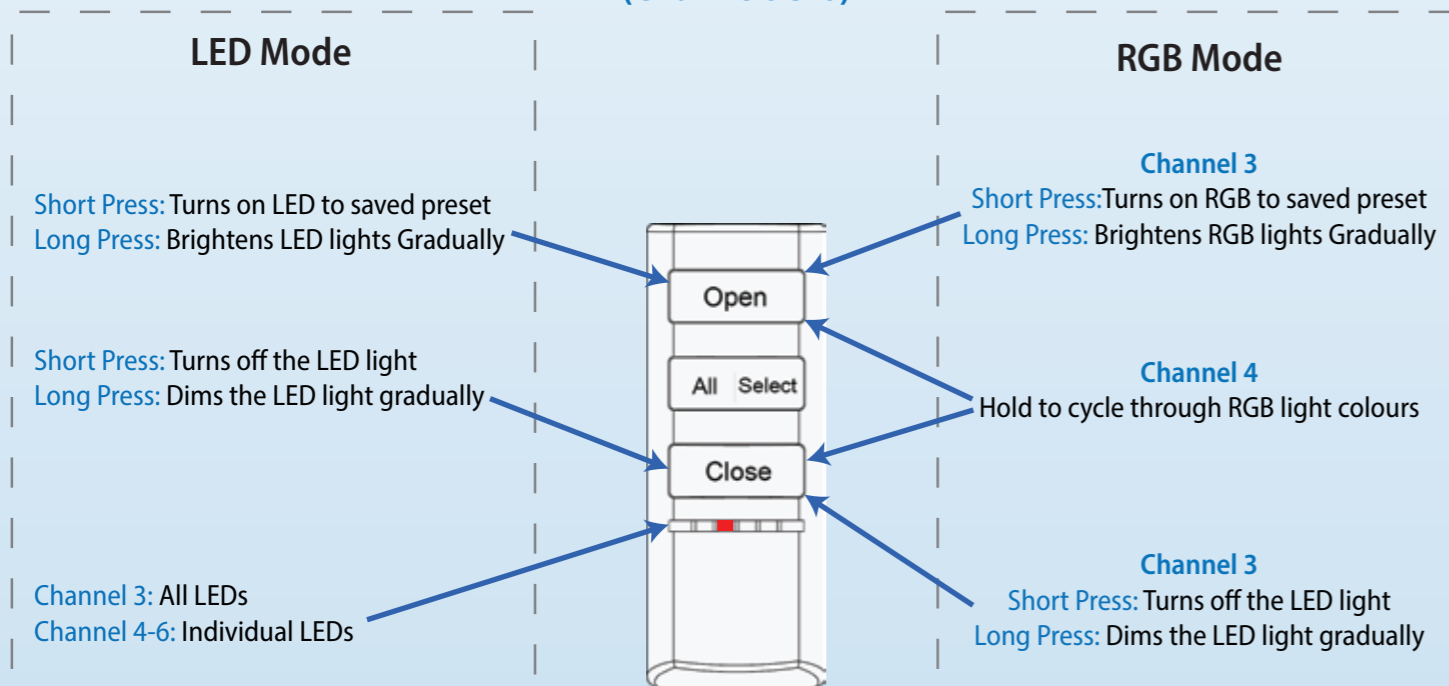


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## Motor Control (Channels 1 & 2)



## Lighting Control (Channels 3-6)



	TH717+	TH717
PSU	12/24v DC - 15A Max	12/24v DC - 20A Max
No. of Motors	2	2
Motor Connections	6-Pin DIN	2-Pin Terminal
Max Motor Current*	4A/motor	15A/Motor
No. of light connections	3	3
Max Light Power*	60w/terminal or 120w max	60w/terminal or 120w max
Dual Sync	Yes	No
Motor Tracking	Pulse (%)	Time Tracking (5 intervals)
Parallel Drive	Yes	Low Current Motors only (≤ 4A)
RJ45 Connector	Yes	Yes
RF Connectivity	Yes (433.92MHz)	Yes (433.92MHz)
Variable Motor Speed	Yes	Yes
Motor Ramping	Yes	Yes
USB Configurable settings	Yes (Micro-USB)	Yes (Micro-USB)
Bluetooth Smart Device Control (Optional)	Yes	Yes
Rain Sensor/Detection	Yes	Yes
Schedule & Timer Feature	Yes	Yes

\*\* Combined lighting and motor current must not exceed PSU current.

## Troubleshooting Error Signals

### Buzzer

The buzzer is used to give audible feedback to the user.

Sequence	Meaning
Short continuous beeping	Learn mode
8 Beeps	Learn Successful
4 Beeps	Deleted all remotes in BT PIN
3 Beeps	Out of sync (Repeats every 15 sec for 5 mins after error occurs)
One continuous beep	Button Press ignored (Either out of sync or in calibration mode)

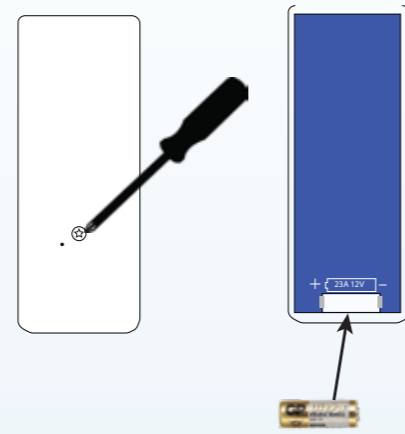
### On-board LED

The LED light on the front plate flashes a range of colours to signify different states.

Sequence	Meaning
No LED	Ready
Cyan Solid	Motor moving
Cyan Flash	Calibration mode
Blue Flash	Learn mode
Cyan/Green alternating flash	Delete all RF remotes
Red Solid	Motors out of sync (Variant A only)
Red for two (2) seconds	Over-current protection

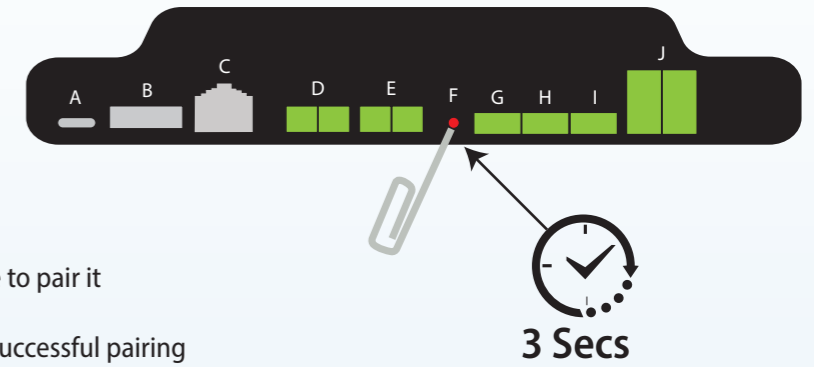
## Remote Battery Replacement

1. On the back of the remote control remove the screw using a small Phillips screwdriver.
2. Loosen the back by inserting the flat screw drive between the seams on both sides, top, middle and bottom.
3. Gently remove the back cover. Replace the battery with a GP23A 12V battery.



## Learning a New Remote

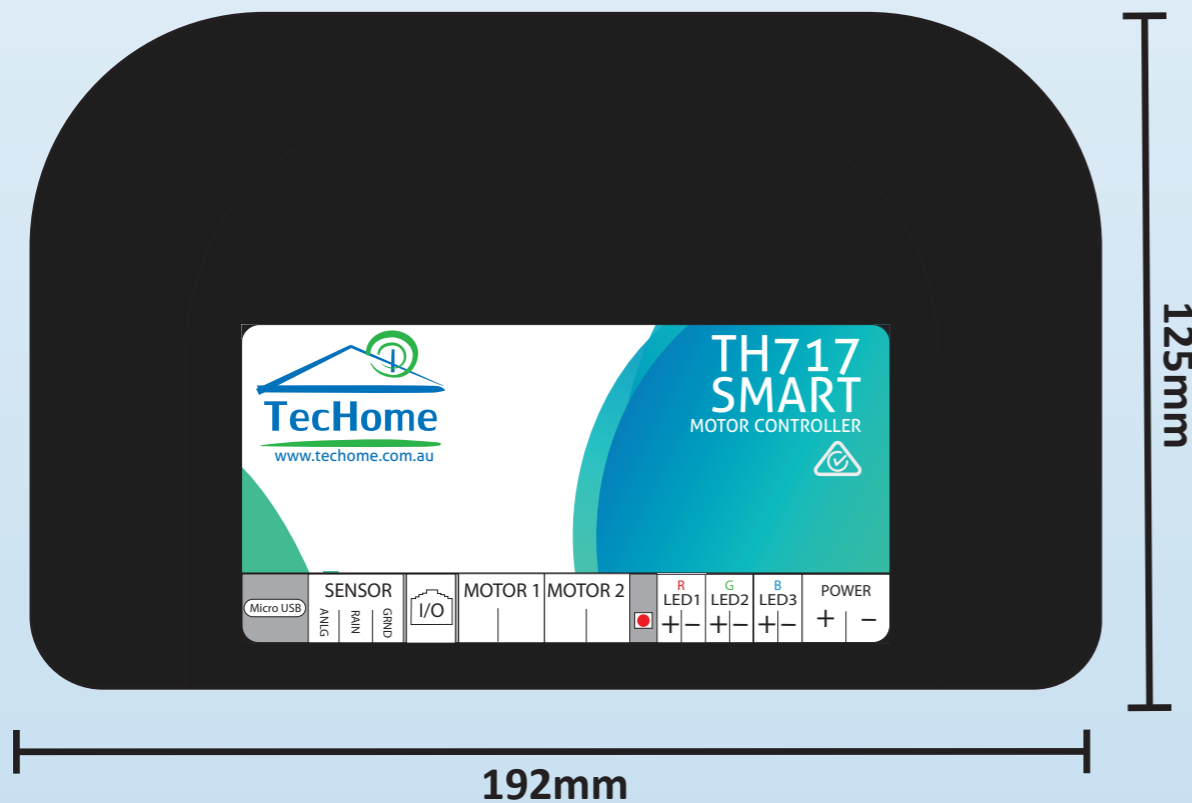
1. Using a paper clip, hold the front red button (F) for 3 seconds.
2. A buzzer will beep every second with a blue LED flashing every 2 seconds.
3. Any button can be pressed on the new remote to pair it
4. The buzzer will then beep 8 times to indicate successful pairing



## Dimensions & Ports



A	Micro USB
B	Rain sensor/analogue input
C	RJ45
D	Motor 1
E	Motor 2
F	Remote learn/delete button
G	LED 1 (R)
H	LED 2 (G)
I	LED 3 (B)
J	Power Supply



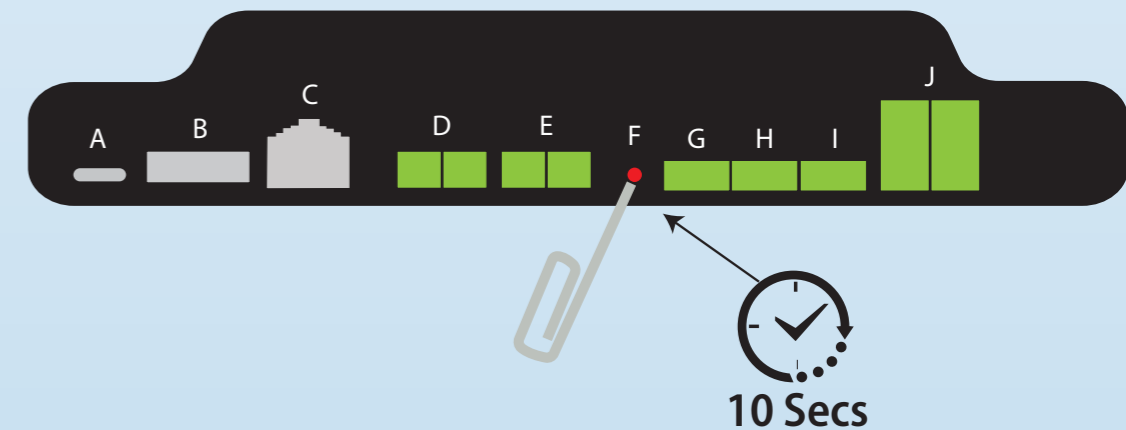
## Learn a New Remote using 'The Hub' App\*

1. Open 'The Hub' and connect to your device
2. Click "Settings" (or ⚙️) on the top right-hand corner
3. Press "RF Learn Mode" and the device will start beeping
4. Any button can be pressed on the new remote to pair it
5. The buzzer will then beep 8 times to indicate successful pairing

\*See page 3 to download The Hub

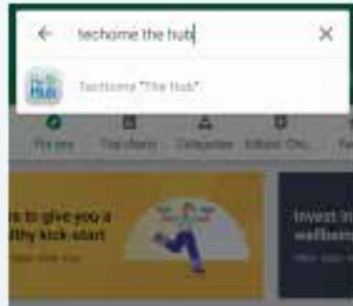
## Learning Delete All Remotes

1. All RF remotes and BT pin can be deleted by pressing and holding the front button (F) for 10 seconds.
2. The TH717 will then beep 4 times and the LED will flash between cyan and green.



# 'The Hub' App Getting Started

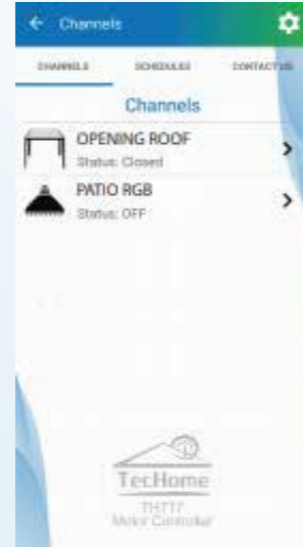
1. Download & install TecHome 'The Hub' from the 'Google Play' or 'Apple Store'.



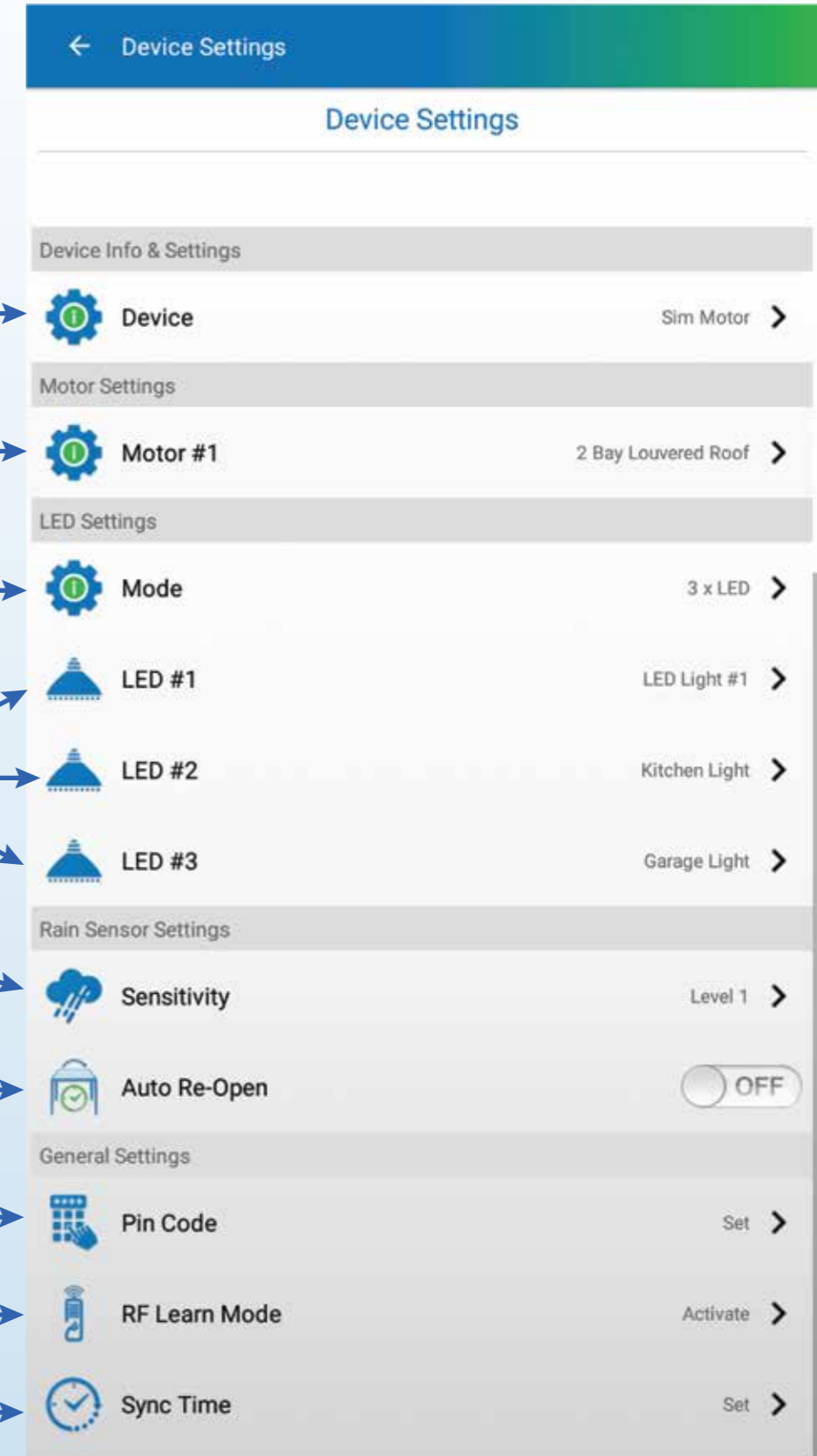
2. Open 'The Hub' on your phone or smart device and press the "SCAN" button and select the TH717 device.



3. Enter your PIN code (default 0000) & select the device you would like to control.



# 'The Hub' App Device Settings



• Device Information  
• Rename device

• Category  
• Rename motor  
• Safety run time  
• Motor presets

Select lighting type (RGB or individual LED)

LED Settings:  
• Rename  
• Brightness  
• Light Category

Rain sensor sensitivity (1= most sensitive, 5= least sensitive)

**On** = Roof will re-open after 30 (default) minutes of being dry.  
**Off** = Roof will remain closed

Change the PIN code for the device

Enable learn mode (see page 2)

Synchronise the device time to you phone or smart device

**Settings:**  
• Device info & renaming  
• Motor settings  
• LED/RGB settings  
• Rain sensor settings  
• Change PIN code  
• Remote Learn  
• Sync device time

Device Scheduling

Open/close selected motors to a specific location (Brightness/colour control if operating lighting).

Open/close the selected motor

Select the bay or motor you wish to operate.

# 'The Hub' Automation App - Operating a Device

