# TMT Wireless

Device Manual

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1. Removing lid from control Box

To access the RF learn button to program our devices we will need to remove the control box lid to access the control board with the RF learn button on it

1. 1 Removing lid from control box of the sliding gate.

1. To remove the lid from the control box first unscrew the two screws on the bottom centre of the left and right sides of the control box lid with a Phillips screwdriver.

2. Gently slide the grey plastic cover up until you can fully take it off.

3. There will be another plastic cover over the front control board. You can pull this one off from the back by releasing the clips on the left and right side and pulling towards yourself.

4. The control board will now be in front of you

5. From here you can find the RF learn button on the top right of the control board to the right of the display.
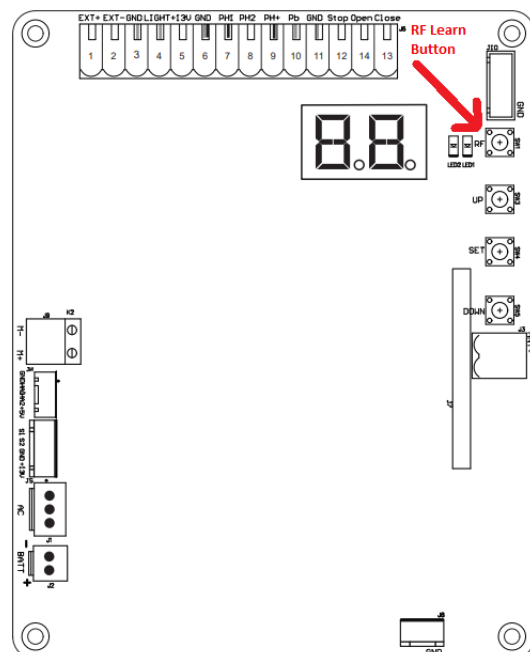
Lid Screws   **RF Learn Button Location**

3.
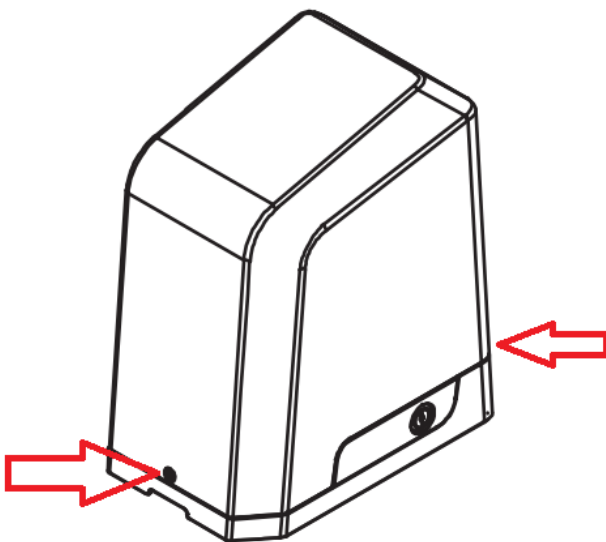
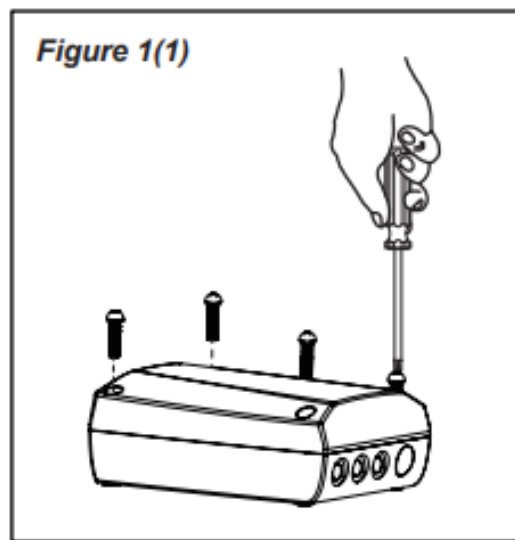# 1.2 Removing lid from control box for the swing gate.

1. To remove the lid from the control box first unscrew the four screws on each corner of the front side of the control box with a Phillips screwdriver.

2. Lift the grey cover off

3. You will now be facing the control board. The RF learn button will be in the top left corner.

Control lid Screws

Figure 1(1)

RF Learn Button Location
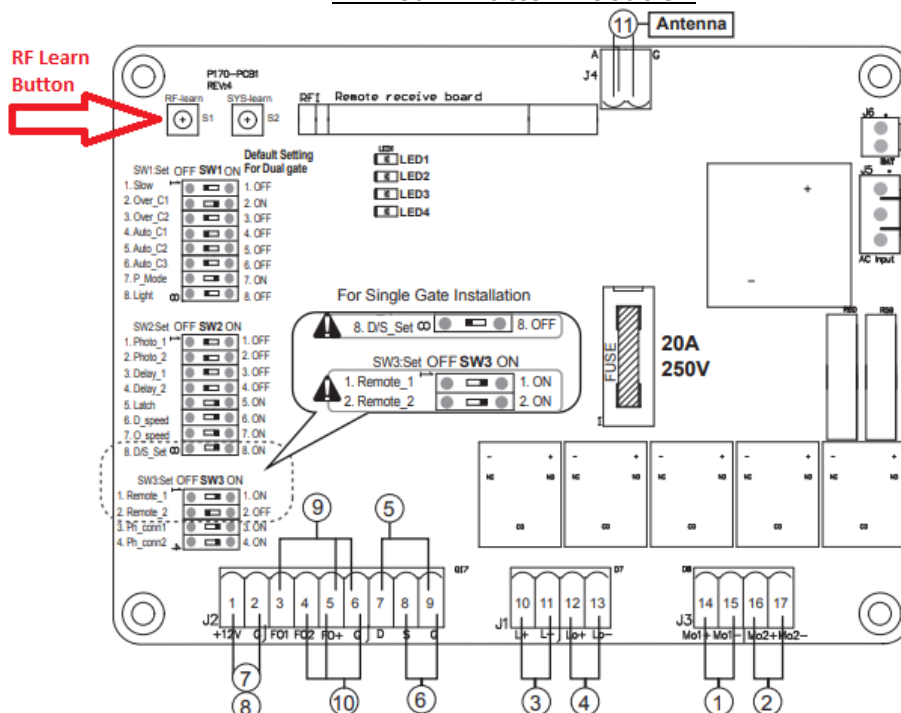
4.

2.1 How to Sync TMT Remote/exit button to Sliding gate control board

(Please note: do not hold RF button for more than 7 seconds when pairing a remote as it will wipe transmitter memory and board will forget all previously tuned remotes)

1. Hold RF button on control board for 3-4 seconds.

2. You should see C5 on the display (Older systems will have a blue LED indicator light)

3. Press TOP LEFT* button on remote, you should see C5 on display flash (On older systems Blue LED indicator will flash) *for exit button, press big button.

4. Wait for display to show CP (Or for older systems Blue LED indicator to turn off)

5. Synced
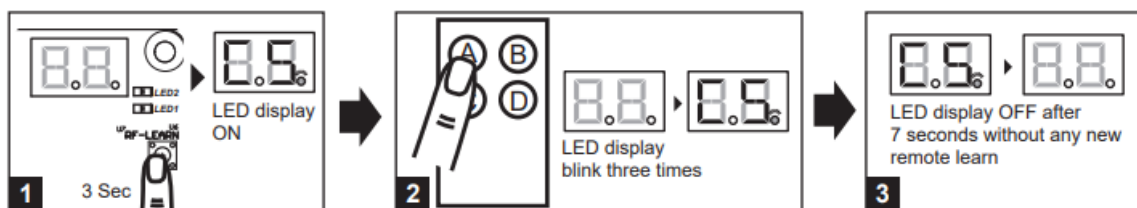
2.2 How to Sync TMT Remote/exit button to Swing gate control board

1. Hold RF button on control board for 3-4 seconds.

2. You should see an indicator light, (LED5 will show a RED LED on our systems – PLEASE NOTE older systems will have a BLUE LED)

3. Press TOP LEFT* button on remote, you should see the indicator light flash *for exit button, press big button.

4. Wait for RF learn light to turn off.

5. Synced

5.
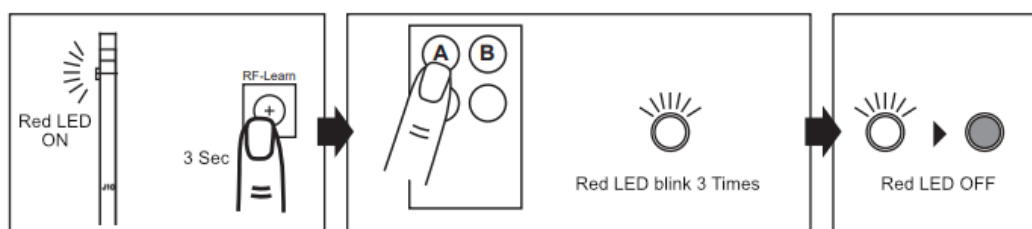
2.1 How to Sync TMT Wireless Keypad to Sliding gate board

1. Hold RF button on control board for 3-4 seconds.

2. You should see C5 on the display (Older systems will have a blue LED indicator light)

3. Press [1,1 <] then press [1,1 <] again for a overall total of 2 times to sync first program

4. Wait for display to show CP (Or for older systems Blue LED indicator to turn off)

6. Synced

2.2 How to Sync TMT Wireless Keypad to Terrier/Mastiff series

1. Hold RF button on control board for 3-4 seconds.

2. You should see an indicator light, (LED5 will show a RED LED on our systems – PLEASE NOTE older systems will have a BLUE LED)

3. Press [1,1 <] then press [1,1 <] again for an overall total of 2 times

4. Wait for RF learn light to turn off.

6. Press the set number 1,1

6.

3.1 For tuning/syncing a TMT remote if you already have another tuned without opening control box

1. You can do this without opening the control box. Stand next to the grey control box of the gate opener positioned next to your gate. Use a remote that is already tuned to your gate.

2. Press and hold both the top 2 buttons together for 10 seconds.
   This will open up the control board receiver to accept a new remote for the next ten seconds.

3. Pick-up the new remote and press the top left button once for 2 secs. You can add more new remotes at this stage if you want.
   Note, you need to do this step with 10 secs of step 1 or it will time out so be ready!
4. WAIT for 10 or more seconds before you test the new remote.
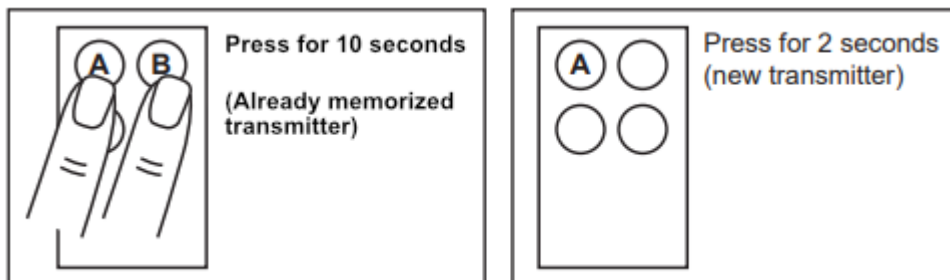
3.2 How to use your remote to change Auto Close function

1. To turn off Auto Close: Hold down both B & D buttons on the remote for approx. 5 seconds.

2. To turn on Auto Close: Hold down both B & C buttons on the remote for approx. 5 seconds.

3. To confirm function change, open gate and wait for the programmed delay time to elapse.

   Note: Auto close function can ONLY be adjusted when gate is in the fully open or closed position. You cannot adjust it when the motor is running.

   The top left button is "A" and "B" is the top right. Bottom left button is "C" and "D" is the bottom right.

4.1 How to erase transmitter memory for board to forget all remotes

1. Press and hold RF Learn button on the control board for 10 seconds until Red LED off

2. Transmitter memory erasing is now complete.
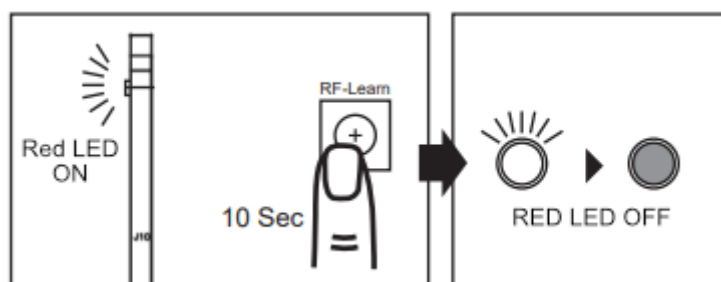
5.1 Replacing Battery in TMT Remote

1. Open back of remote up by using fingernail to release clip on the back bottom of the remote

2. You will now see a green circuit board pull outwards the two clips either side of it and then pull the circuit board up to remove it.

3. On the other side of this circuit board is a battery. To remove it push it out of the battery tray from the top using either your fingernail or a toothpick/ small screwdriver.

9.
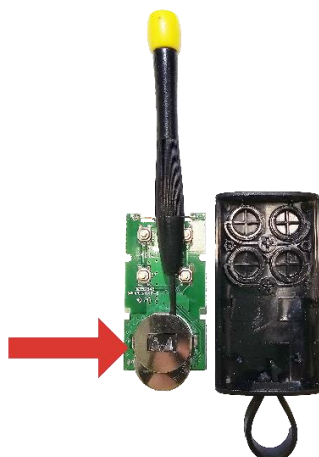
5.1 Replacing Battery in TMT Remote

4. Insert new battery by pushing it into the bottom of the battery tray positive side up. insert green board back into the front plastic casing, lining up and putting two clips back on.
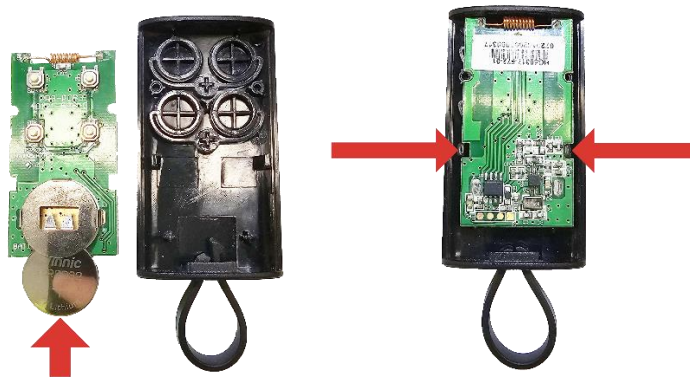
5. Put back cover back on by inserting two front tabs under front top part of front casing and push down back of back cover to clip large clip back in

10.

5.2 Replacing Battery in Wireless Exit Button

1. On the black ring on the front of the unit, at the 6 o'clock position there is a small pry point.

2. Place a small flat head screwdriver into the slot

3. Pop the black ring off

4. Undo the two hidden screws

11.
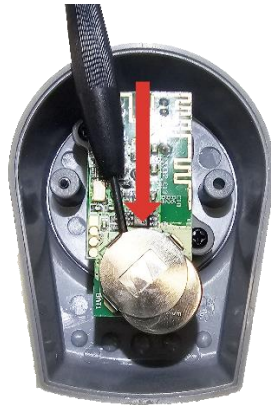
5.2 Replacing Battery in Wireless Exit Button

5. The unit should now be opened there will be a green circuit board with a battery tray attached on the inside of the front casing.

7. Push the battery out of the tray with the small flathead screwdriver.

8. Put the new one in the tray, put the plastic back on the front and screw it up.

9. Push the black plastic ring back on the front.

6.1 Wireless Keypad Specifications.

1	Batteries Used	2 6Vdc CR2032 batteries or 4x CR2016 Batteries
2	Battery life	2 years of battery life if used under 10 times per day
3	Frequency	433.92 MHz +/- 75KH
4	Transmit power	1mW
5	Coding	HCS101Standard
6	Operating Temp	-20℃ to 55℃ Only worry if you live in Ranfurly, Ophir or Omarama.
7	Code Length	0 to 8 digits
8	Operating Distance from gate	20m to 80m varying depending on obstructions to signal
9	IP Rating	IP54 Partial protection from dust and protection from rain.
10	Dimensions	85x75x35mm
11	Weight	150 grams

Meaning Of Different Keypad Beeps

Beeping Sound	Represents
1 short beep	Press button sound
1 long beep	Code entered was successful
5 short beeps	Wrong code entered
2 low volume do	Alarm for low voltage

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6.2 Wireless Keypad Tuning

Tuning to gate opener

1.To tune to the gate opener first press the RF learn button on the control board for 3 seconds.

2.Once the Sliding gate opener Display says CS or the Terrier gate red led starts blinking put 1,1, < into your keypad

2. Put 1,1, < into your keypad again

3. Once the sliding gate opener display says CP or the terrier gate opener red led turns off the tuning is complete. You can test the gate by entering 1,1, <

4. Repeat for the right channel code. By entering 2,2, > instead of 1,1, <

Changing the code

1. Press and hold 0 and then press and hold < then release 0 and after that release <

2. Then enter the factory default setting 1,1 <

3. insert the new code. example 1234 (cannot be over 8 digits) and press <

4. insert the new code again, and press <

5. after you hear beeping your code change is now complete

6. To change to the code of the second channel use 2,2, > instead of 1,1 <

To reset code if you have forgotten the code

If you have forgot the code, press the reset button on the PCBA for 5 seconds, after a long "beep", the code has gone back to the default settings (11 and 22) once the reset has been done, the keypad will lose all memory, you will need to redo wireless keypad configuration.

6.3 Wireless Keypad Accessing PCBA & Battery Replacement

1. Get a small screwdriver inserted in the gap in the 6 o'clock position of the black front keypad enclosure and pry it up till it comes out

2. Use allen key provided with wireless keypad in box to undo allen key screws and remove the back of the wireless keypad.

3.From here you can access the battery by twisting the battery cover to the unlock position and lifting up the cover.

4.Now you can use a larger allen key to undo the screws under the back cover

5.Once these screws have come undone you can lift the front metal plate off

Be careful not to tip the front plate upside down as the plastic numbers will fall out and you will have to put them back in.

15.

6. The back plastic side of the keypad will have a blue circuit board. Unscrew the 3 screws with a small Philips screwdriver. You can now lift the circuit board out of the casing

7.Once you lift the circuit board out of the casing you will see that on the back bottom right side there is a small red button. Make sure you have your batteries sitting on the terminal negative side down.

8.hold down the small red button until you hear the control board beep.

9. Repeat the steps 6 to 1 backwards to put the wireless keypad back together. Make sure not to over tighten the screws as you don't want to make it to hard on yourself next time when you are unscrewing the screws. Make sure you are careful to keep the front of the keypad numbers side down, otherwise the numbers will fall out.

10. Your wireless keypad is now reset. This will mean that your opening codes will be set back to the default of 1,1 < and 2,2 > and you will need to redo the code changing process if you want the previous codes used before you reset the keypad.

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