



Rhino Electronic Security
(a division of Cornick Pty. Ltd.)
ABN: 74 001 621 610
Web: www.rhinosecurity.com.au
Email: sales@rhinosecurity.com.au




Head Office: ✓
9 Hannabus Place,
McGraths Hill, NSW 2756
AUSTRALIA
Ph: (+61) 2 4577 4708
Fax: (+61) 2 4577 4885






Haberfield Sales Office:
223 Ramsay St,
Haberfield, NSW 2045
AUSTRALIA
Ph: (+61) 2 9716 0444
Fax: (+6) 2 9799 2024






Villawood Sales Office
71 Middleton Road
Villawood NSW 2163,
Australia
Ph: (+61) 2 9743 8222
Fax : (+61) 2 9743 8590



• Video Surveillance • Digital Video Recorders (DVR) • Home and Business Alarms • Car Alarms
• Immobilisers • Vehicle Tracking Systems • Receiver / Transmitter Sets • Central Locking





REMOTE LEARNING INSTRUCTIONS v1.3



Alarm	# Remote	Compatible Remotes	Instructions
GTR	5	GTRTX Green LED  Fixed Code	<p>Before entering this mode, make sure you have all remotes present that you wish to utilise with this alarm system, as the alarm automatically erases all remotes when you enter this mode.</p> <ol style="list-style-type: none"> 1. Arm then disarm the alarm system. While the system is disarmed, open and close your drivers door (get inside the vehicle), making sure the interior light is coming on as you open the door. 2. Within 30 seconds, turn the car ignition key from the off position to the ignition on position 8 times. 3. 10 seconds later, the blinkers will flash 8 times to confirm that you have entered the remote learning mode. Repeat steps 1 & 2 if you do not receive the flashes. 4. Now press and hold the button 1 on the new remote you wish to learn in. The siren will beep once to confirm the code has been learnt. Repeat this step for up to 3 remotes. You can use this process to delete lost remote controls by learning in the same remotes in succession to replace each of the 3 memory locations so that the old remote code/s are erased. 5. The system will automatically exit the learning mode 20 seconds after the last press of a remote.
GTS	3	GTSTX Red LED 	<p>Before entering this mode, make sure you have all remotes present that you wish to utilise with this alarm system, as the alarm automatically erases all remotes when you enter this mode.</p> <ol style="list-style-type: none"> 1. Arm then disarm the alarm system. While the system is disarmed, open and close your drivers door (get inside the vehicle), making sure the interior light is coming on as you open the door. 2. Within 30 seconds, turn the car ignition key from the off position to the ignition on position 20 times. 3. 30 seconds later, the blinkers will flash 3 times to confirm that you have entered the remote learning mode. Repeat steps 1 & 2 if you do not receive the flashes. 4. Now press and hold the button on the new remote you wish to learn in. The siren will beep once to confirm the code has been learnt. Repeat this step for up to 3 remotes. You can use this process to delete lost remote controls by learning in the same remotes in succession to replace each of the 3 memory locations so that the old remote code/s are erased. 5. The system will automatically exit the learning mode 15 seconds after the last press of a remote.
GT		GTTX Orange LED 	<p>To add a new transmitter to your alarm, simply follow the procedure below:</p> <ol style="list-style-type: none"> 1. Turn the vehicle's ignition on. 2. Immediately press and hold the Left button on the Original remote control until the siren starts to beep (approximately 4 seconds) and then release the button. 3. Immediately press and hold the same (Bottom) button on the New remote control for at least 4 seconds. 4. Turn the vehicle's ignition off. 5. The new remote control is now programmed into the alarm.

JAGv2/RAv3		<p data-bbox="645 105 741 129">RAV3TX</p>  <p data-bbox="638 411 743 435">RCTX4-U</p>  <p data-bbox="638 643 743 667">RCTX3-T</p> 	<p data-bbox="862 105 1675 129">Programming Additional Remote Controls / Erasing Lost Remote Controls</p> <p data-bbox="862 137 1982 185">Your JAGv3, JAGv2/RAv3 is supplied standard with 2 remote controls - Up to a maximum of 5 remotes can be used. To add a new remote to your alarm, simply follow the procedure below:</p> <ol data-bbox="862 193 1910 395" style="list-style-type: none"> 1. Turn the vehicle's ignition to on. 2. Immediately press and hold the  button on the original remote control until the indicators start to flash (approximately 4 seconds) and then release the button. 3. Immediately press and hold the  button on the new remote control for at least 4 seconds. 4. Turn the vehicle's ignition off. 5. The new remote control is now programmed into the immobiliser. <p data-bbox="862 403 1193 427">Erasing Lost Remote Controls:</p> <p data-bbox="862 435 2112 491">If you lose a remote control or perhaps have your car keys stolen, you can simply erase the lost/stolen remotes by repeating the procedure above 10 times. This will fill the system memory with remotes that only you have in your possession.</p> <p data-bbox="862 499 1568 523">Learning in a new remote when no working remote is available:</p> <p data-bbox="862 531 2038 579">You may learn in a remote without having an already learnt-in remote. Please see "Overriding the Immobiliser" for more information.</p> <p data-bbox="862 587 1162 611">Overriding the Immobiliser</p> <p data-bbox="862 619 981 643">PROCEDURE:</p> <p data-bbox="862 651 2134 722">Your alarm has been loaded with a randomly generated 5 digit override code. This feature enables the owner to override their immobiliser and start the vehicle in the case of lost or damaged remote controls. The customer must be made aware of this code, which is placed, on the front of this manual and the supplied override code card.</p> <p data-bbox="862 730 1120 754">To enter your override code:</p> <ol data-bbox="862 762 2134 1090" style="list-style-type: none"> 1. Enter the vehicle. If the alarm is armed the siren will sound - this may be turned off using your siren key but will not affect the procedure. 2. Ensure that the bonnet and boot are shut, your vehicles doors may be open or closed. 3. Turn the ignition from ON to OFF in a quick steady rhythm an equal number of times to the first PIN digit 4. Wait for the indicators to flash once. If the alarm is armed you will not be able to see the flash, instead watch for a flash on the red dash LED 5. Repeat steps 3 and 4 for the second PIN digit, remembering to wait to see the indicators or dash LED flash. 6. Repeat until all five PIN digits have been entered. 7. If the code has been entered correctly, the alarm will disarm. Start the vehicle within 38 seconds or the alarm will automatically immobilise and the procedure will need to be repeated. If you make a mistake during code entry and the alarm does not disarm, please wait at least one minute before trying again. <p data-bbox="862 1098 2134 1193">Note: This procedure will have to be repeated each time you wish to start the vehicle without a working remote. To learn in a new remote when all remotes have been lost, repeat the above procedure with the door and the bonnet open. After the final pin digit has been entered the indicators will begin to flash - Immediately press the / button on the new remote control twice and hold this button on the second press for three seconds. The new remote should now be learnt to the system.</p>
------------	--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

RAM		  <p>RCTX3-T</p>  <p>RCTX3-434</p> 	<p>SMS - To add remotes if all remotes are lost a combination of SMS and beeps can add a new remote.</p> <p>A. Send the command “LEARN” You will receive a SMS saying: If you receive a SMS saying “Unable to activate learn mode Ignition on” or “Unable to activate learn mode System Armed” Disarm the alarm and turn the ignition to the off position and repeat step ‘A’ again.</p> <p>B. Within 15 seconds the alarm will begin to beep and flash the blinkers.</p> <p>C. Press and hold down the Bottom button on a remote when the beeps begin keep holding until the beeps stop.</p> <p>D. The new remote control is now programmed into the alarm.</p> <p>E. Test that the remote now works.</p> <p>With Remote: To add a new transmitter to your alarm, simply follow the procedure below:</p> <p>A. Turn the vehicle’s ignition on.</p> <p>B. Immediately press and hold the Bottom button on the Original remote control (Right Button if RCTX3-434) until the siren starts to beep (approximately 4 seconds) and then release the button.</p> <p>C. Immediately press and hold the same (Bottom) button on the New remote control for at least 4 seconds.</p> <p>D. Turn the vehicle’s ignition off.</p> <p>E. The new remote control is now programmed into the alarm.</p> <p>F. Test to see if that remote works with the alarm.</p>
RES4601v2		<p>GTTX Orange LED</p> 	<p>To add a new transmitter to your immobiliser, simply follow the procedure below:</p> <p>A. Turn the vehicle’s ignition on.</p> <p>B. Immediately press and hold the LEFT (Button 1) button on the original remote control until the indicators start to flash (approximately 4 seconds) and then release the button.</p> <p>C. Immediately press and hold the LEFT (Button 1) button on the new remote control for at least 4 seconds.</p> <p>D. Turn the vehicle’s ignition off.</p> <p>E. The new remote control is now programmed into the immobiliser.</p>

JAG/RAv2 RES4601a	5	RCTX3-T 	<p>To add a new remote to your alarm, simply follow the procedure below:</p> <ol style="list-style-type: none"> 1. Turn the vehicle's ignition to on. 2. Immediately press and hold the Centre Button on the original remote control until the indicators start to flash (approximately 4 seconds) and then release the button. 3. Immediately press and hold the Centre Button on the new remote control until the indicators to stop flashing for at least 4 seconds. 4. Turn the vehicle's ignition off. 5. The new remote control is now programmed into the immobiliser. <p>Erasing Lost Remote Controls: If you lose a remote control or perhaps have your car keys stolen, you can simply erase the lost/stolen remotes by repeating the procedure above 6 times. This will fill the system memory with remotes that only you have in your possession.</p> <p>Learning In a Remote If all Remotes are Lost: You may learn in a remote without having an already learnt-in remote. Simply perform the <u>Overriding the Immobiliser</u> procedure followed by the remote learning procedure above (from step 2).</p> <p><u>Overriding the Immobiliser</u> PROCEDURE: This feature enables the owner to override their immobiliser in case they have lost their remote controls or they have damaged them. You have the secure choice of over 63,000 possible codes. Refer to Register 2 of the Programmable Feature section of this manual (page 8) on how to choose your own code. This should be done upon installation.</p> <p>To enter your override code:</p> <ol style="list-style-type: none"> 1. Open your driver's door and sit in the car. The siren will sound this is normal. 2. Now turn the ignition from on to off an equal number of times to your first code digit (this is a number you have chosen between 3 and 255). 3. Wait for the blinkers to flash once. (This occurs whether you have entered the correct number or not). 4. Now turn the ignition from on to off an equal number of times to your second code digit (this is a number you have chosen between 3 and 255). 5. The immobiliser will now disarm. You must start your car within 38 seconds; otherwise the immobiliser will automatically rearm. <p>NOTE: Unless a remote control is learnt in, if you turn the ignition off, you will have to repeat this</p>
GA	3	GLTX Red LED  Fixed Code	<p>Before entering this mode, make sure you have all remotes present that you wish to utilise with this alarm system, as the alarm automatically erases all remotes when you enter this mode.</p> <ol style="list-style-type: none"> 1. Turn the vehicle's ignition on. 2. Immediately press and hold the button on an original remote control until the siren starts to beep (approx. 5 seconds) and then release the button. 3. Immediately press and hold the button on the new remote control until the beeping is stopped for at least 5 seconds. 4. Turn the vehicle's ignition off. 5. The new remote control is now programmed into the alarm.






GX	3	GLTX Red LED  Fixed Code	<p>Before entering this mode, make sure you have all remotes present that you wish to utilise with this alarm system, as the alarm automatically erases all remotes when you enter this mode.</p> <ol style="list-style-type: none"> 1. While the system is disarmed, open and close your drivers door and sit in the vehicle. 2. Now, turn the car ignition key from the off position to the ignition on position 20 times within 30 seconds. 3. 30 seconds later, the parking lights will flash 3 times to confirm that you have entered the remote learning mode. Repeat steps 1 & 2 if you do not hear the confirmation. 4. Now press the button on the first remote you wish to learn in. The siren will sound briefly to confirm this code has been learnt. Now press your second remote. The siren will sound briefly again to confirm this code has also been learnt. Repeat this step for up to three remotes. 5. The system exits learning mode once it has received 3 remote codes – press one of your learnt remotes repeatedly to fill up all coding locations if you do not have 3 remotes. The system will exit to disarmed mode.
GXa	4	GLTX Red LED  Fixed Code	<p>Before entering this mode, make sure you have all remotes present that you wish to utilise with this alarm system, as the alarm automatically erases all remotes when you enter this mode.</p> <ol style="list-style-type: none"> 1. Turn the vehicle's ignition on. 2. Immediately press and hold the button on an original remote control until the siren starts to beep (approx. 5 seconds) and then release the button. 3. Immediately press and hold the button on the new remote control for at least 5 seconds. 4. Turn the vehicle's ignition off. 5. The new remote control is now programmed into the alarm.
LS	5	GLTX Red LED  Fixed Code	<p>To learn in a remote control simply follow the procedure below.</p> <ol style="list-style-type: none"> 1. To activate the learn in function, you must restart the system by disconnecting the power to the alarm and then connecting it again (i.e. remove battery terminals and then replace). Once this step is completed, the alarm is in learning mode. The learning mode will be automatically switched OFF after 10 seconds. 2. Within 10 seconds of reconnecting power, press the button on the new remote control. If learning is successful the alarm will respond with a beep. To ensure the remote control is learned in, you must confirm that by arming and disarming the alarm using the remote control. 3. To learn in another remote control, simply repeat the learning procedure. <p>Erasing Lost Remote Controls: If you lose a remote control or perhaps have your car keys stolen, you can simply erase the lost/stolen remotes by repeating the procedure above 6 times. This will fill the system memory with remotes that only you have in your possession.</p>
RSA	6	GLTX Red LED  Fixed Code	<p>The main system can memorize transmitter's coding. From up to 6 different remote units</p> <ol style="list-style-type: none"> 1. Turn the ignition key to "ON" Engine must be stopped Press and release the over-ride switch for 10 times then turn Ignition key to "OFF" with parking light flashes 10 times, which confirm the system has entered active learning mode. 2. Press and release CH-1 the siren chirps 1 time confirming code learning is completed. Follow the same step (2) with other remote transmitters, one after another, to allow the main system learn coding of each transmitter. Maximum 6 remotes can be learned by the RSA. The system will automatically jump out of learning mode if no signal is received within 20 sec from the last signal. 3. The pre-memorized coding will be erased each time when the learning mode is activated. Re-do the code learning in this case. 4. If more than one remote are used in remote operating the same system, the car status will be displayed on the single remote which send the latest remote signal.

TPI		<p>TPI</p> 	<p>To add a new transmitter to your alarm, simply follow the procedure below.</p> <ol style="list-style-type: none"> 1. Sit in your vehicle with all doors closed. Turn the ignition to on to disarm the immobilizer, then switch ignition to off. 2. Now open & close your drivers door. 3. Now turn the ignition from off to on 20 times within 30 seconds (finishing in the off position). The LED will flash a few times to confirm that you have entered the learning mode. Remove your keys from the ignition keyswitch, taking the transponder attached to your keys out of reading range, i.e. more than 15cm. 4. Wait for the LED to stop flashing, then bring the first transponder you wish to use into range of the inductive coil, i.e. within 10cm of your ignition keyswitch. The LED will flash once to confirm that this transponder code has been learnt that you wish to add. Once again the LED will flash to confirm that this transponder has also been learnt. Up to 4 transponders can be programmed into your TPI. 5. 10 seconds after the last transponder has been presented, the system will automatically exit and return to armed mode.
CK+CLK Car King ALDI		<p>GLTX Red LED</p> 	<p>(Up to 5 remote controls can be used with this alarm system) Note that this system can learn the same remote in more than once. Only one remote can be learnt in on each learning mode session.</p> <p>Disconnect all power to the system and then reconnect the power. The system is now in learn mode and will remain so for ten seconds. To learn a remote in, immediately press the button on the remote and the alarm will disarm. This is indicated by two beeps from the siren. Once a remote control has been learnt in the device is no longer in learn mode. To learn another remote in simply repeat the procedure.</p> <p>Erasing Lost Remote Controls: If you lose a remote control or perhaps have your car keys stolen, you can simply erase the lost/stolen remotes by repeating the procedure above 6 times. This will fill the system memory with remotes that only you have in your possession.</p>

Old Models			
GL	6	GLTX Red LED 	<p>Before entering this mode, make sure you have all remotes present that you wish to utilise with this alarm system, as the alarm automatically erases all remotes when you enter this mode.</p> <ol style="list-style-type: none"> 1. While the system is disarmed, open and close your drivers door and sit in the vehicle. 2. Now, turn the car ignition key from the off position to the ignition on position 5 times within 15 seconds. 3. 5 seconds later, the siren will sound briefly to confirm that you have entered the remote learning mode. Repeat steps 1 & 2 if you do not hear the confirmation. 4. Now press the button on the first remote you wish to learn in. The siren will sound briefly to confirm this code has been learnt. Now press your second remote. The siren will sound briefly again to confirm this code has also been learnt. Repeat this step for up to six remotes. 5. The system exits learning mode once it has received 6 remote codes – press one of your learnt remotes repeatedly to fill up all coding locations if you do not have 6 remotes. The system will exit to disarmed mode.
RA96		RCTX2-304 >> GTTX 304 	<p>To add a new transmitter to your alarm, simply follow the procedure below:</p> <ol style="list-style-type: none"> A. Turn the vehicles ignition on. B. Immediately press and hold the right button on the original remote control until the siren starts to beep (approximately 4 seconds) and then release the button. C. Immediately press and hold the LEFT button (1) on the new remote control for at least 4 seconds. D. Turn the vehicles ignition off. E. The new remote control is now programmed into the alarm.
RA97 RA98		RCTX2-434 >> GTTX Orange LED 	<p>To add a new transmitter to your alarm, simply follow the procedure below:</p> <ol style="list-style-type: none"> A. Turn the vehicles ignition on. B. Immediately press and hold the right button on the original remote control until the siren starts to beep (approximately 4 seconds) and then release the button. C. Immediately press and hold the LEFT button (1) on the new remote control for at least 4 seconds. D. Turn the vehicles ignition off. E. The new remote control is now programmed into the alarm.
RA		RCTX3-434 >> RCTX3-T 	<p>To add a new transmitter to your alarm, simply follow the procedure below:</p> <ol style="list-style-type: none"> A. Turn the vehicle's ignition on. B. Immediately press and hold the right button on the original remote control until the siren starts to beep (approximately 4 seconds) and then release the button. C. Immediately press and hold the BOTTOM button on the new remote control for at least 4 seconds. D. Turn the vehicle's ignition off. E. The new remote control is now programmed into the alarm.

RCA95		RCTX 304 >> GTTX 304 	1. Turn the keyswitch on the rear of the alarm to battery back (test) position. The siren will sound, this is OK. 2. Press and hold the button on the new remote control and immediately; <ul style="list-style-type: none"> Turn the keyswitch on the rear of the alarm to the SYSTEM ON position. 4. Now release the button on the new remote control. 5. The new remote control is now programmed into the alarm.
RCA96 RCA297 RCA97 (single button)		RCTX2-304 >> GTTX 304 	To add a new transmitter to your alarm, simply follow the procedure below: A. Turn the vehicle's ignition on. B. Immediately press and hold the right button on the original remote control until the siren starts to beep (approximately 4 seconds) and then release the button. C. Immediately press and hold the LEFT button (1) on the new remote control for at least 4 seconds. D. Turn the vehicle's ignition off. E. The new remote control is now programmed into the alarm.
RCA98		RCTX2-434 >> GTTX Orange LED 	To add a new transmitter to your alarm, simply follow the procedure below: A. Turn the vehicle's ignition on. B. Immediately press and hold the right button on the original remote control until the siren starts to beep (approximately 4 seconds) and then release the button. C. Immediately press and hold the LEFT button (1) on the new remote control for at least 4 seconds. D. Turn the vehicle's ignition off.
RES96 RES97		RCTX2- 304 >> GTTX 304 	To add a new transmitter to your alarm, simply follow the procedure below: A. Turn the vehicle's ignition on. B. Immediately press and hold the right button on the original remote control until the siren starts to beep (approximately 4 seconds) and then release the button. C. Immediately press and hold the LEFT button (1) on the new remote control for at least 4 seconds. D. Turn the vehicle's ignition off. E. The new remote control is now programmed into the alarm.
RES98		RCTX2-434 >> GTTX Orange LED 	To add a new transmitter to your immobiliser, simply follow the procedure below: A. Turn the vehicle's ignition on. B. Immediately press and hold the right button on the original remote control until the indicators start to flash (approximately 4 seconds) and then release the button. C. Immediately press and hold the LEFT button (1) on the new remote control for at least 4 seconds. D. Turn the vehicle's ignition off. E. The new remote control is now programmed into the immobiliser.

RES98 (SA3749)		RCTX3-434 >> RCTX3-T 	To add a new transmitter to your immobiliser, simply follow the procedure below: A. Turn the vehicle's ignition on. B. Immediately press and hold the right button on the original remote control until the indicators start to flash (approximately 4 seconds) and then release the button. C. Immediately press and hold the Bottom button on the new remote control for at least 4 seconds. D. Turn the vehicle's ignition off. E. The new remote control is now programmed into the immobiliser.
CLX/CLXI	15	RCTX2-434 >> GTTX Orange LED 	<ol style="list-style-type: none"> 1. press and hold the red (right) button, of an existing (learnt in) remote control, for approximately 5 seconds or until the blinkers begin the flash again. 2. Immediately after the blinkers begin flashing or after holding the red button of the existing remote control, release that button. 3. Immediately after releasing the button off the existing remote control press the button 1 of the new remote control 5 times for duration of 1 second each time. 4. The new remote control should now work with the CLX/CLXI. 5. If this doesn't work re-try this procedure from the beginning.
CLRIF / CLKRIF		RCTX2- 304 >> GTTX 304 	To learn remotes into the CLKRIF just <ol style="list-style-type: none"> 1. turn ignition on 2. then press the left (green or button 2 on gttx) and the blinkers will flash 3 times 3. instantly let go of that button and press button 2, green button or the left button on the 4 button style on a new remote. <p>DO NOT WAIT FOR THE BLINKERS TO STOP FLASHING!!</p>
CLXMit/CLXIMit Mitsubishi upgrade		RCTX2- 304 >> GTTX 304 	<ol style="list-style-type: none"> 1. press and hold the red (right) button, of an existing (learnt in) remote control, for approximately 5 seconds or until the blinkers begin the flash again. 2. Immediately after the blinkers begin flashing or after holding the red button of the existing remote control, release that button. 3. Immediately after releasing the button off the existing remote control press the button 1 of the new remote control 5 times for duration of 1 second each time. 4. The new remote control should now work with the CLX/CLXI. 5. If this doesn't work re-try this procedure from the beginning.

RDAKY K4 KY-434 Fixed Code		Replace with PTX 	 If the original remote is working
GT		RCTX-434 >> GTTX 	Used on GT for short time before changing to GTTX
RCX V2	15	GTTX Orange LED 	Your RCX / RCXi incorporates a unique code learning system. This enables extra remotes to be added with ease if necessary. Up to 15 remotes can be added to system if required. To learn in a new remote control: 1) Press and hold buttons 1&2 of an original (learnt in) remote control together for approximately 5 seconds or until the indicators begin to flash. 2) Immediately release the buttons on the original remote then press and hold button 1 of the new remote control for approximately 3 seconds. 3) Your RCX should now have learnt the new remote control – test this by comparing functions with the original remote control. If the learn procedure was unsuccessful, retry the procedure from step one.
RCV / RCVi RCX / RCXi 2 Channel RX	15	GTTX Orange LED 	To learn in a new remote control A. press and hold button 1, of an existing (learnt in) remote control, for approximately 5 seconds or until the blinkers begin to flash again. B. Immediately after the blinkers begin flashing or after holding the button 1 of the existing remote control, release that button. c. Immediately after releasing the button of the existing remote control press button 1 of the new remote control for 3 seconds then 5 times for a 1 second duration each time. D. The new remote control should now work. If this doesn't work the first time re-try this procedure from the beginning.

PTX

PTX



PROCEDURE TO DUPLICATE YOUR REMOTE:

1. Place the PTX and original transmitter right next to one another, on a flat non-metallic surface.
2. Press & hold down the button on the original remote that you wish to program onto button 1 on the PTX, and then press & hold down button 1 on the PTX Remote. The green PTX LED should glow. Hold both buttons down until you see the green LED pulse three times. This should only take a few seconds. If you do not see the three pulses, you have not successfully duplicated the code from the original remote.

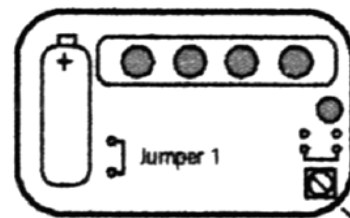
3. Repeat step 2 for buttons 2,3 & 4 on the PTX if required.

4. Open the case of the PTX.

5. Remove Jumper 1 near the battery. The remote will now transmit.

6. Replace the case and screw closed. Do not over tighten. The procedure is now complete.

Note: If you successfully follow the above procedure, but the remote does not work with your alarm, there are only two factors to consider: Firstly, your existing remote might not be fixed code. Secondly, you must transmit on the correct frequency. The frequency is factory preset to 304mHz Which is the standard for alarms in Australia. The frequency can be changed to anywhere between 255 & 500mHz if required. Refer to instructions below.



Jumper 1 - On =Learn
Off = Transmit

Jumper 2 On, Jumper 3 Off - Freq. Range 255 - 295mHz

Jumper 3 On, Jumper 2 Off - Freq. Range 295 - 355mHz

Both Jumpers Off - Freq. Range 355 - 500mHz

TO ADJUST FREQUENCY, CAREFULLY FOLLOW THESE STEPS:

1. Re-open the case of the PTX. Replace Jumper 1 (Learn Mode).

2. Identify the frequency tuning capacitor (FTC). Refer to Diagram.

3. Place the remotes together press and hold down a matching button on each remote using fingers from one hand. Now part your fingers so as to increase the distance between the remotes to the point where the green LED becomes weakest. Using the tuning tool provided, turn the FTC very slowly clockwise and anti-clockwise until the LED glows brightest.

4. Replace Jumper 1 and test. If remote still does not work, try another Freq. Range by changing configuration of Jumpers 2&3.

5. Once successful, operating range can be maximised by moving to the furthest distance where the PTX functions. Take two steps backwards and minutely adjust the FTC until the alarm arms again. Repeat this procedure until maximum range is achieved.

6. Replace the case and screw closed. Do not over tighten. The procedure is now complete.

RXPRO
RXPRO4
RXPROSOL

RCTX4-U



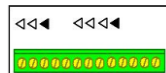
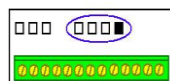
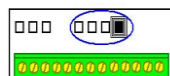
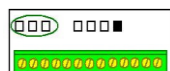
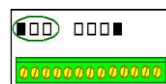
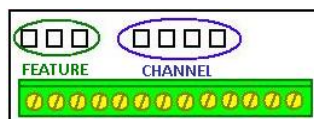
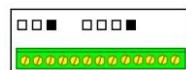
RCTX3-T



GTTX



RCTX3-434



Enter Programming:

- Mode Press and hold button 2 on the remote control
- Connect to power
- Keep holding button 2 until the display light stop scrolling, you are now in programming mode.

Adding new remote

Press button 3 repeatedly until the channels lights indicate one of the output channels you wish to program. Select a channel that you wish to operate with a remote control i.e. not a channel that you wish to operate with a wireless detector.

Press button 2 until the feature lights are on as shown.

Press button 1 to set the feature light(s) to flashing. NOTE: By default the feature light(s) will be flashing, if not press button 1 to set to flashing.

Press button 2 repeatedly until the feature lights are off as shown.

Press and hold button 1 until the channel lights(s) begin to flash.

Immediately press button 1 repeatedly on the new remote control you wish to learn in until the channel light(s) stop flashing.

Press and hold button 2 on the new remote control until the lights start scrolling. The new remote control has now been learnt in.