A 1015 Intelligent Learning RF Remote Control

Works with:
Garage door controllers; Automobile alarms, locks, ignition; Home security
Frequency range 255MHz - 500MHz
Up to 4 different remote codes – one for each button
Note: The REMOCON will NOT WORK for code-hopping remotes. It only works for fixed RF (Radio Frequency) type.

Procedure for copying existing remote control codes to Remocon:
The A1015 is programmable over three frequency ranges. This is determined by the placement of the shunt over jumper 1 (see diagram). If you know what frequency your existing remote uses, then place jumper 1 on the appropriate shunt. If you are unsure of the frequency, then run through all the steps multiple times, moving jumper 1 through the stages as you go. Perform this procedure on a flat non-metallic surface.

Please read the following steps through completely before attempting to program your remote.

1. Remove the cover using the supplied driver tool.
2. Set jumper 1 to the desired frequency range.
3. Place your existing remote and the A1015 about 1cm apart with LEDs facing each other.
4. Press and hold any 3 buttons on the A1015. You should see the A1015 LED flash 4 times over 2 seconds to indicate the entry into programming mode. (The buttons must be hit simultaneously to register.)
5. Release two buttons and continue to hold the button you wish to program.
6. Press and hold the button on your original remote.

The A1015 will scan through the frequency range, the LED will flash (full brightness) 3 times when it has detected your original remote. You can then proceed to fine tuning (see below). If the LED does not flash 3 times, change the jumper 1 shunt to the next stage and repeat steps 3-6 again.
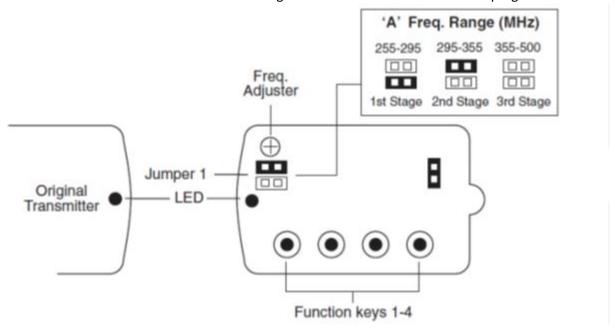
NOTES:
1. **If your original remote has a function controlled by pressing multiple buttons together, then you must duplicate that code to a single button on your A1015.**
2. **For units installed with Jumper 2 on the PCB (see diagram), ensure that the shunt is installed over both pins of the header in order to activate programming mode.**

Fine tuning:

7. Go through steps 3-6 to ensure you are in the correct programming mode.
8. Continue holding the button on the original remote and the A1015.
9. Move the remotes 5-7cm apart from each other until the LED on the A1015 starts to dim.
10. Using the tool provided, turn the frequency adjuster slowly until the LED on the A1015 glows brightest.
11. Test the A1015 from a significant distance to see that it works properly over the expected signal range.

>>Replace the case and screw it closed. Do not over tighten. Your remote should now be programmed.