

Programming the Homelink © III (Tuning Information)

To clear memory:

1. Press the two outside buttons until the indicator LED flashes. This indicates the memory values have been cleared.
2. Holding the hand-held transmitter to be copied 3-6 inches from the Homelink © III and simultaneously, activate the hand-held transmitter and one of the Homelink © III buttons until the indicator LED flashes rapidly. The frequency and bit pattern information are now stored in the Homelink © III non-volatile memory (NVM). At this point the Homelink © III can be used as a substitute from for the Original transmitter.

When a Homelink © III button is pressed four things happen:

1. A Voltage Controlled Oscillator (VCO) is set to desired RF carrier frequency (recalled from the NVM).
2. The antenna is coarse tuned by sweeping twice around the expected tuning point.
3. The antenna is fine tuned by 9 pulses of approximately 210 uS in duration with 11 mS off.
4. The VCO is then modulated with the appropriate garage door opener bit code from the NVM.