

## HOW TO SHIFT THE FREQUENCY ON COMMERCIAL REMOTE CONTROLS

These directions pertain to working with a remote control with a 1.4.4 chip and a receiver with a 1.4.0 chip. To see if you have the correct remote control and receiver, open the remote control and receiver. On the black chip, there will be a set of numbers written in silver ink on the chip as shown in the images below. If you have 1.4.4 and 1.4.0, you are ready to go.



Receiver 1.4.0



Remote Control 1.4.4

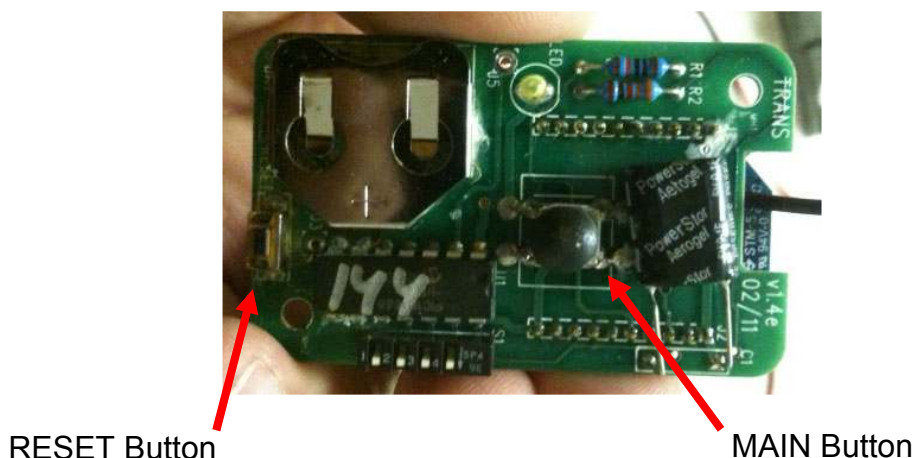
Sometimes a customer will be at a location where there is another radio transmitting device very nearby that will interfere with the remote control and receiver. Changing the code for the remote control and receiver will have no effect in a situation like this. Changing the frequency does not guarantee a clear radio channel immediately or indefinitely, but it can be a good option when there are no other possible solutions. There are 16 alternate frequencies available. The frequency selection must match on the receiver and on the remote.

### CHANGING THE FREQUENCY OF THE RECEIVER

1. Turn the machine OFF.
2. Unscrew the receiver.
3. Press and hold down the LEARN button with the power off. While the LEARN button is still being held down, turn ON the POWER to the ball machine.
4. When the LEARN light starts flashing a slow pattern of blinks, release the LEARN button.  
**NOTE: The number of times the light blinks in between pauses tells you the current channel number. For example, if the light blinks 3 times pause, 3 times and pause, over and over, you are currently on channel 3. The frequency setting is set to 1 at the factory.**
5. In order to change the frequency selection, press the LEARN button. You will know that the frequency selection has changed because the light will blink a different pattern.

6. When you get to the highest frequency selection, pressing the LEARN button will roll the frequency selection back to 1, the default setting from the factory.
7. When you are satisfied with your frequency selection, turn the POWER OFF on the ball machine and back ON to force the receiver to program in the new frequency.
8. That's it for the receiver. Change the frequency on the remote control to match the frequency on the receiver.

## CHANGING THE FREQUENCY OF THE REMOTE



1. Open the remote control case and remove the circuit board.
2. Press and hold down the large MAIN button. While the large MAIN button is being held down, hit the RESET button.
3. The light should start blinking. If so, release the large MAIN button and then hold down the large MAIN button. While you have the large MAIN button held down, the light will start flashing very quickly. After about 8-10 seconds the light will start flashing very slowly at about 1 flash per second. At this time, you can finally release the large MAIN button because you are ready to change the frequency selection.  
**NOTE: The number of times the light blinks in between pauses tells you the current channel number. For example, if the light blinks 3 times pause, 3 times and pause, over and over, you are currently on channel 3. The frequency setting is set to 1 at the factory.**
4. In order to change the frequency selection, press the large MAIN button. You will know that the frequency selection has changed because the light will blink a different pattern.



5. When you get to the highest frequency selection, pressing the large MAIN button will roll the frequency selection back to 1, the default setting from the factory.
6. When you are satisfied with your frequency selection, press the RESET button to force the remote to program in the new frequency.
7. That's it for the remote. If you haven't done so, change the frequency on the receiver to match the frequency on the remote.