

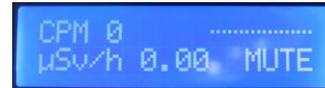
IR Remote Setup:

Keychain Remotes

Keychain remotes are small low priced remotes that are setup differently than "universal remotes". Instead of entering a code number to pair with the device, keychain remotes scan through all the device codes by pressing and holding MUTE button. When a match is made, the device will mute. Then you must *immediately* release the MUTE button.

This makes them a bit tricky to setup with kit. However, a new feature has been added that lets you know immediately when the kit has detected a MUTE command from the remote so you can release the button. This makes it a bit easier to setup this type of remote.

On the GK-B5 the word "MUTE" will appear on the lower right of the display.



On the GK-Plus a white "led" on the display will flash once.

There are a few things to keep in mind. The first is that codes do not change immediately when the MUTE button is pressed. It usually takes about 3-4 seconds before they begin to advance. You can see this if you have the Status LED connected. It will flash with any IR signal, and as you hold down the MUTE button it will flash for a few seconds, stop, and begin flashing again. The second period of flashing is when the remote is changing its codes.

It's been reported that batteries in these remotes will discharge over time even when the remote is not used. So be sure you have a good battery before you begin. You can check its voltage, see if the Status LED flashes, or look at the IR LED through a digital camera to see it flash.

There are two kinds of keychain remote, one with a 10 key pad (like [this](#) or [this](#)) and a tiny one without the 10 key pad (like [this](#) or [this](#)). The 10 key pad certainly makes it easier to set the higher value numbers like the conversion ratio, but if your patient it can also be done with right and left arrow keys on the tiny remote. Note that the tiny remote does not have a key for the decimal and some of the "out of menu" functions.

To setup a keychain TV remote for the Geiger Kit:

1. Press and hold the MUTE button. Codes will begin to change after about 4 seconds.
2. As soon as you see a "mute" indication on the kit release the button. You must be quite fast at this.
3. Press the MUTE button again. Did the kit indicate mute? If not, you didn't release the button in time and it went on to the next code. Start again at step 2. If you did see mute indication, congratulations, you're fast! Go to step 4.
4. Now press the POWER button. You should go into the setup menu. Now try other buttons like the arrows and key pad. Sometimes you can get in the menu but other buttons will not work. In that case, it's back to step 2.

