

CBTricks.com Forums

10 Meter & CB Radios => Ranger (RCI) => Topic started by: nitestar on April 25, 2008, 02:03:11 PM

Title: **RCI needs to be reset?**

Post by: **nitestar** on **April 25, 2008, 02:03:11 PM**

I have a RCI 2950 orange screen not DX. It goes from 26000 to 32000.

However when I turn it on it reads 26000. I hit the lock button and it will read channel 1 CB band. Up down arrows will change channels.

I have when turning it on 2600 and all buttons work. NB RB SWR DIM shift.

Cannot find the reset button every one talks about being near the cpu with cover off.

When I put it on a channel and turn it off, turn it back on after about 4 or 5 seconds it does not retain memory. I have replaced the internal batts and they are good. Will hitting the reset fix this problem.? (if I can find it)

this is driving me crazy.

This radio was dormant for several years .

TX in advance for all the help.

Great site.

Title: **Re: RCI needs to be reset?**

Post by: **johnn** on **May 26, 2008, 07:14:31 PM**

Go to Defpom ham and c.b.radio mods. this may work.

<http://www.radiomods.co.nz/index.html>

Mods d.k.

also pages of old mods for rangers...

Title: **Re: RCI needs to be reset?**

Post by: **nomadradio** on **May 26, 2008, 09:19:15 PM**

Not sure if your version of this radio is the oldest one. It uses a flat, round so-called "coin" cell. It's a lithium cell that feeds 3 Volts to the CPU chip's memory, so it will remember the frequency you were on when it was last turned off. Also keeps the ten memory channels stored, if you use them.

Best replacement is a battery holder with two AAA penlight cells in series, wired in place of the original coin cell.

And if your radio is the later one with no battery, it's a different problem.

73

Title: **Re: RCI needs to be reset?**

Post by: **The Rebel** on **May 27, 2008, 12:01:31 PM**

You stated in the initial post "you replaced internal batts". That indicates someone has removed the memory battery and put in AA or AAA cells. If this is the case, and the batteries are in a holder, is there a good contact. Some of the cheap battery holders don't make good contact. I don't recommend this, but it is done a lot. There is at least 4 different processor boards used in the 2950 and 2 in the 2950DX.

I had one come in where the same problem was occurring and it was an operator error. I think on the older 2950, if you select the channel and operate the radio, the frequency will not write in memory. If you set the frequency, not channel, it will write in the memory.

If the 3 volts is going to the proper place on the board, and it still does this, the problem is on the processor board. Some of the boards are no longer available and if they are, the cost is too high. It will cost probably \$150 and that is more than most 2950's are worth.

Another thing, don't turn off the power supply with the radio on. It will cause the memory to mess up and can even damage the microprocessor.

Title: **Re: RCI needs to be reset?**

Post by: **oneton** on **May 27, 2008, 05:45:31 PM**

I would get rid of the external battery holder and get the proper coin cell with solder leads from Electronic Goldmine in the Phoenix area.

If it will not hold memory on power off (with the supply still hot), then either your battery setup is holding a low impedance to the ram or the ram itself is bad. Let us know, I still have a few computers for these things. I would not replace the computer until after I had removed all added circuitry and replaced the proper battery while carefully inspecting the area to see if anyone has been sloppy with their soldering, and retesting for proper operation. If the memory is still a problem then your ram is bad and replacing the whole board is your next step.