

Just got off the phone with the manufacturer of the HHT and he told me that you would have about 21 hours of battery life if you held a button down continuously. I calculated the number of button presses (if you held the button down for 1 sec) to be 75,600 pushes, so you can go figure how many days that might be.

I suspect that your original evaluation maybe that the battery was run down, but that doesn't fully explain the malfunction of the unit after a new battery was inserted. So here is what we might be able to pull off this afternoon:

- 1. Let's get on the phone and we will take off the rubber carrier and open up the HHT (of unit #1) by lifting the end of the black plastic cover.*
- 2. Use a toothpick and masking tape to gently push the back side of the battery so that you can tell me what side of the battery is on top (it should be the + side of the battery).*
- 3. Is there any way to be sure that the old battery wasn't reinserted into the HHT, I do this more often than I care to admit.*
- 4. If the battery check was ok then we will want to close up the HHT and attach the rubber carrier.*
- 5. Now let's take a Phillips screwdriver and remove the back of chassis #1.*
- 6. Now let's peer into the back top right corner of the unit before toggling the power switch, with the antenna pointed upward.*
- 7. Now power ON the unit and see if a 4th small green LED starts to flash.*
- 8. Now take the HHT and press & hold button 5 for and tell me what happens with the 4 small green LEDs.*

9. It might be good to glance at the RED LEDs on the front of the unit and verify that the system is still broken. If that is the case then we will do the following.

10. Locate 1 of 2 small white pushbuttons located at the top left corner of the PCB inside the chassis.

11. We will only be working with the bottom switch called out as 'S2'

12. To remove the Default addresses preprogrammed at the Linx factory, we must erase default addresses in the memory of the receiver chip on the PCB.

13. To do this we will press and hold the lower button switch (S2) and a small green LED will turn ON to the left of S2; keep pressing S2 (for about 10 seconds) until the same small green LED (mode_ind) turns OFF, then release S2.

14. Wait for about 3 seconds after the green LED turns OFF, as the SW will automatically turn it back ON for two seconds and then it will go OFF, indicating that the receiver is ready for programming the new remotes.

15. To 'mate' a remote control with the SSC you must momentarily press the same S2 button in the SSC chassis and the first small green LED will come ON solid and the 4th small green LED will blink.

16. Then take the HHT remote and press each one of the buttons for 1 second; you have about 15 seconds before the receiver in the SSC stops.

17. If the green LED goes out before you finish all button pushes, then you must repeat step 15 again.

18. This procedure may still not solve the problem, but we should now retry operating the HHT.

19. If it works then we are done, if not then we will do the following steps.

20. Turn the remote control so that the back side is visible and bend a small paper clip so that we can insert it into the small hole in the opening of the rubber carrier (this will allow us to generate a unique address for the remote control along with each of the buttons).

21. Be sure the paper clip does not damage the device by being careful to keep the paper clip perpendicular to the back of the remote control.

22. Once the paper clip is properly inserted, a small blue LED will turn ON and you can see it thru the small plastic covered window on the back side of the remote control (if in bright sunlight you may have a problem seeing the small blue light from the LED under the plastic).

23. The blue LED will stay ON for 15 seconds during which time you must turn the remote control over (so that the buttons are visible) and press each one of the buttons on the remote control; press the buttons firmly for about 1 second and then release).

24. Let the remote time out the 15 seconds, don't reinsert the paper clip to turn the blue LED off.

25. At this point the remote control has acquired a randomly selected address and enabled all of the buttons that were pressed during the time the blue LED was ON.

26. Now we have to go back to step 12 and repeat steps 13 thru 18, if it works then we are done, if not we will have to send the HHT back to me for testing.

27. Note that any remote that I send back to you will have to be 'mated' to the chassis (in this case chassis #1) by going thru steps 13 thru 18.

I know it looks complicated, but it is a piece of cake...let's get on the phone so that I can step you thru and keep it simple...