

R2035 Wireless Radar Gun Communications



If the radar gun display fails to respond to the radar gun, whether it is a direct wired connection or a wireless one using external transceiver pack, it may be due to the communication setting of the display being changed.

If all hardware has been checked, cables are in good shape and properly connected or batteries are good in a wireless pack, then the following sequence of steps can be tried to check and possibly correct this communications setting.

Please read all steps through until you understand what we are asking you to do before proceeding.

- Turn on the display and then momentarily press the ON or Test1 button about 9 times, this should put the display into one of three test modes where messages or test patterns are shown on the display.
- Once in these test modes you can cycle through them by momentarily pressing the ON or Test1 button.
- Check for a mode that scrolls the message "Hello" or "JUGS Sports".
- If it says "JUGS Sports" then the communication setting is already set correctly for radar gun use.
- If it says "Hello" then continue with this document to change this setting.
- While in a test mode, press and hold the ON or Test1 button until the display changes, normally showing a "-0" or "FF" depending on your software version.
- This will place you in one of several Setup modes.
- Once the display enters a Setup mode, release and then quickly press the ON or Test1 button several times until you reach a mode that displays something starting with a lower case "b" (possibly "bb").
- This is the Communications or Baud Rate setting that we want to examine.
- When this "b" mode is shown stop pressing the ON or Test1 button and wait at least three seconds.
- If you pass the "b" mode, keep momentarily pressing the ON or Test1 button until it comes around again.
- If you wait too long after entering a Setup mode (more than 3 seconds), then pressing the ON or Test1 button will change the setting for the current mode.

- If this happens and you are not in the "b" mode, try to restore the original value for the mode you are in and then turn the display off and start these steps over.
- Once in this "b" setup mode, and after waiting for at least 3 seconds, check the number after the "b". It should be set to "0" (zero).
- If it is not "0", start momentarily pressing the ON or Test1 button again to change this number until it reaches "0".
- This will set the internal communications back to the required default setting (1200 baud).
- Turn off the display and after about 3 seconds turn it back on.
- Now try the radar gun to see if it talks to the display. If it does then you were successful!
- If not you may have to try this procedure again.
- Try not to alter any of the other settings while in setup mode. This is a tricky sequence but you won't damage anything if you do make an error, it will only need to be restored later. The important thing is to get this "b" mode setting right so the radar gun will talk to the display again.

If this procedure does not restore communication with the radar gun, then there may be a hardware failure. You can find information on our [web site](#), given below, under the support tab, for requesting an RMA number so we can get you in our system and handle the return of the unit for repair if needed.