

Again, one should select the correct TESTER among the list of testers in LAN.

5.4 The wireless communication does not work properly.

The problems of a wireless communication can be different ones, as for the connection via network cable. One should remember that when the board is correctly inserted within the tester, the IP address and the subnet mask of the LAN are no more valid: in this case, the IP wireless and the SUBNET MASK Wireless are used. Furthermore, possible different IP addresses set on the LAN net should not be compatible with the ones of the wireless. To check this point, it is enough to set to zero the IP LAN address value. Now it is necessary to determine if the Wireless connection takes place through an access point or through a point-point communication.

5.4.1 Tester connected to an access point

Check the ACCESS POINT functionality is selected into the SD3 configuration. To determine this, one should get into the SD3 configuration and check that in the yellow rectangle within the wireless zone is written ACCESS POINT. To this point one should control that the text square indicated by SSID ACCESS POINT corresponds to the network access point name (it is recommended to control the Access Point manual as well). Other problems and their solutions refer to a tester connected to a local net: see therefore 5.3.1 "Tester joint to a local net".

5.4.2 Tester connected in point-point mode

In this case, to communicate it is necessary that the IP wireless address of the SD3 tester is in a subnet PC compatible. If this setting seems complicated, a possible solution is:

- PC side: configure the TCP/IP protocol in wireless settings with fixed IP address (the possibility to get the IP address directly should not be set). Set 192.38.3.200 as the fixed IP value; 255.255.0.0 as subnet mask; leave empty the preset port way field.
- TESTER side: set 192.38.3.199 as IP LAN WIRELESS and as subnet mask 255.255.0.0.

5.4.3 General problems

In order to communicate through a point-point wireless net or access point, the tester has to be configured with NET Communication and has to be able to dialogue with the PC at that moment. It is as well necessary to select the correct tester within the list of tester LAN connected. We recall you that from the PC side, the cryptography of the packets already sent should not be enabled .

5.5 The USB communication does not work properly.

If the serial communication was selected and one can not communicate with the tester, we suggest controlling the following conditions:

- 1- The USB cable is properly joint to the SD3 tester.
- 2- The USB cable is the one provided together with the Sd3 tester.
- 3- The SD3 tester is set on USB communication.
- 4- The SD3 tester communicates with the PC via USB.
- 5- The correct SD3 tester on USB gate is selected on the PC; if more than one tester are visualized, disconnect all testers, select the USB communication again (after quitting and getting again into the window for SELECTING COMMUNICATION on the PC).

N.B.

It is sometimes possible that the SD3 tester is not read as present. This is usually a temporary situation connected or a particular state of the PC and of the tester at reading moment.

To sort out the problem it should be enough quitting the selection screen of the communication PC and entering again.