WIRELESS ELECTRONIC EQUIPMENT RESEARCH

OPERATIONAL INSTRUCTION CRS 120

This device is a multi interface unit for PC that also provides to supply the Reader CRS 100 ; the connection to the PC is done with the USB and/or RS 232 port while the connection to the reader CRS 100 is done in RS485 full duplex through the data transmission cable. The device, from now on called Master Interface CRS 120, is externally supplied at 13 Vcc; internal rechargeable batteries allow to work for 30 minutes even in case of a black out.
Acoustic and optics signalizations, dip switch, switch, regulation trimmer and headphone jack complete the allocation of the CRS 120

FIELDS OF USE

Together with the CRS 015 and CRS 100 each time it is necessary to identify object and things in movement when they pass over a pre determined detection point . It can have application both in motorsports and industrial fields.

Installation:

Install the Master interface CRS 120 in an internal dry place close to the PC.

1. Ensure that the system is turned off (switch PWR set to OFF),
2. Ensure that the horn is off (switch ADV set to OFF)
3. Connect the data transmission cable to the CRS 120 screwing it to the circular connector on the back of the CRS 120
4. Connect the PC to the RS232 and/or to the USB port,
5. Put in the DC power supply connector ,
6. Verify that the WEER logo is lit
7. Turn on the system with the PWR switch on the front.
8. Verify that the following lights are on: PWR, CHARGE, ALIM, 5VCC, 13VCC, 11VCC ed USB ON (if connected)
9. Put a transponder close to the CRS 100 and listen to the "BEEP",
10.   Take off the DC power supply connector
11.   Verify that only the following lights are on :ALIM, 5VCC, 13VCC, 11VCC ed USB ON (if connected)
12.   Set the ADV switch to ON, the horn must ring
13.   Put in the DC power supply connector

NOTE: The battery is charged only when the CRS 120 is turned on. Avoid passing power cables close to the data transmission cable.

WEER S.r.l – Fraz. San Vito 32/A – 14042 Calamandrana (AT) – Italy
weer. It – Tel & Fax +39 0141 718079 Mobile + 39 3342007399

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