

USB option

USB option for LCJ Capteurs Ultrasonic Wind Sensor



The junction box features a screw terminal and a standard USB cable. Open the box to complete the connections.

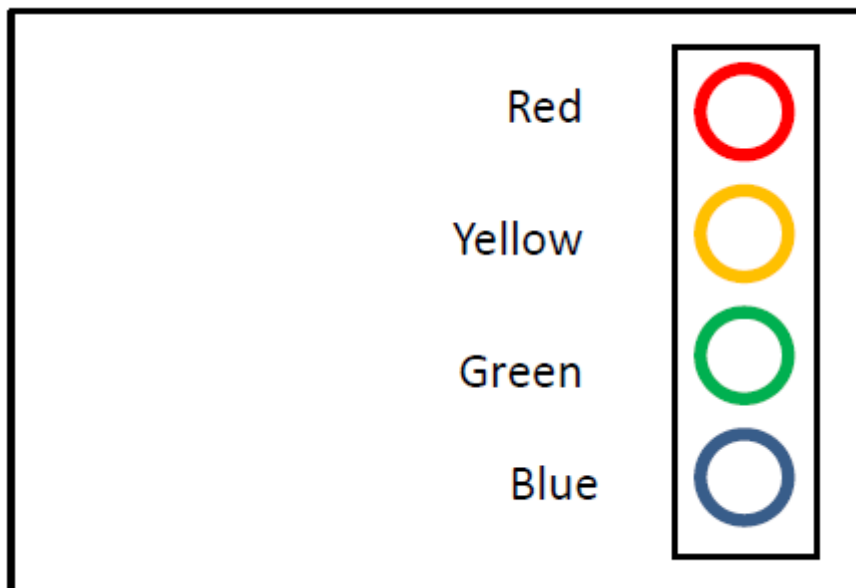
The USB junction box is powered by the USB connection to the PC.

Connect the wire coming from the CV7 as indicated on the diagram above.

Plug the USB cable to the PC. The driver will automatically be installed by the Windows[®] system (Windows 7[®] and above). Alternatively, the latest version of the driver can be downloaded from the technical support section of the website (www.lcjpgauteurs.com). It is an executable file. Double-click on the file to launch the installation.

Once the CV7 is connected to the USB port, your relevant software will immediately identify the NMEA0183[®] sentences via an emulated COM port.

1. Connexions:



2. Characteristics:

Black Box USB
USB 2.0 Compatibility
Cable length: 1.50 m
Standard USB type A connector

Isolated power supply CV7 by USB PORT
NMEA0183 input opto-isolated
Screw terminal

Dimensions: 57 x 43 x 24 mm
Weight: 20 g (without cable and connector)

3. NMEA0183 protocol:

Baud rate 4800, data bit 8, parity none, stop bit 1
 Flux : same that sensor
 Variable length fields, delimiter « , ».
 Start of sentence : \$
 End of sentence : CR,LF
 Voltage outputs: 0 or 5V
 Symmetrical outputs

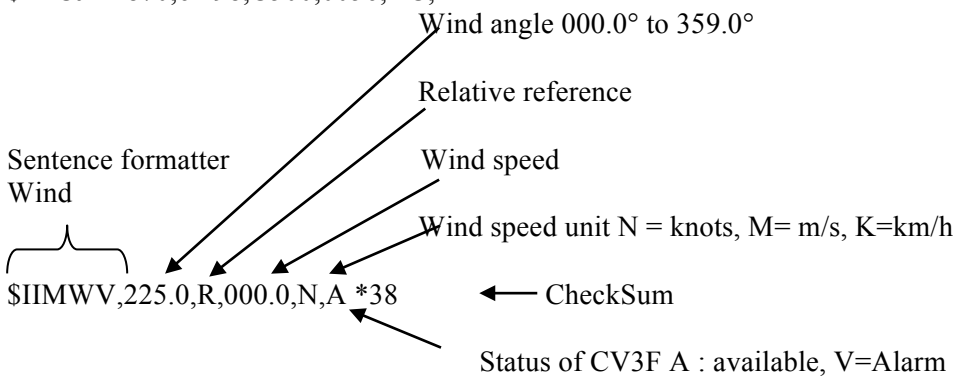
Examples :

\$IIMWV,225.0,R,000.0,N,A*38

\$WIXDR,C,022.0,C,,*52

\$PLCJ,5801,5F01,AA,4253,3341

\$PLCJEA870,6D98,C500,0056,AC,



Sentence formatter
 Temperature
 of wind



\$PLCJ,AAAA,BBBB,CC,,,DDDD,EEEE
 \$PLCJEFFFF,GGGG,HHHH,IIII,JJ

} Sentences for LCJ CAPTEURS
 technical service

Warranty

Your USB Option is warranted against manufacturing defects in materials and workmanship for a period of 2 years from the date of purchase.

LCJ Capteurs will at its discretion, repair or replace faulty product free of charge excluding the cost of shipping. Proof of purchase shall be required in order for a warranty claim. All claims shall be made in writing to LCJ Capteurs and once it is accepted by LCJ Capteurs, the faulty product must be sent to LCJ Capteurs address in Vertou, France.

For further information, please visit www.lcjpgteurs.com where video presentations are available.



EN 55022 EN 55024



Remember to respect the local regulations: dispose non-working electronic equipment to an appropriate waste disposal center.