CHL NETHERLANDS B.V.

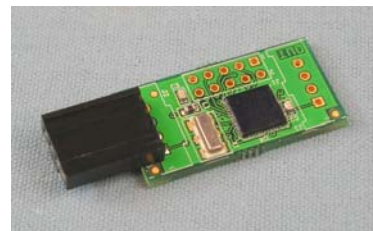*Christiaan Huygens Laboratorium*

Artemis MK5 RS422 option

For cable lengths of up to 1,000 metres between the Artemis MK5 Antenna Unit and the client or workstation.

Software requirements

- The Antenna Unit Processor (AUP) Board must have software version 5.00 or higher *[press MENU 31 on the operating panel to check VAUP].*

- The Ethernet/Operating Panel/RS422 (EOR) board must have software version 2.03 or *higher and must have software version 2.09 or higher if a checksum is used.* *[press MENU 31 NEXT on the operating panel to check VUTP].*
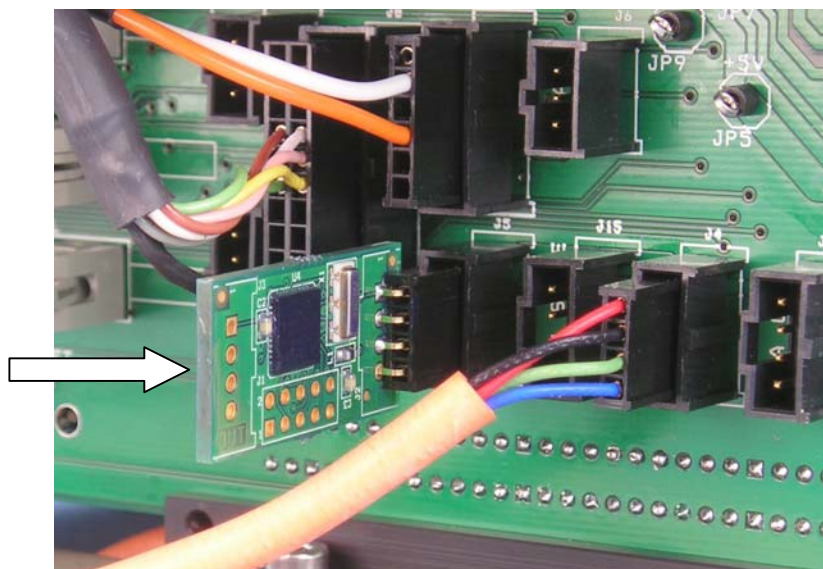
Parts delivered

- RS422 dongle type A5DGL.
- This instruction.

Installation instruction

1. Switch power to the Antenna Unit off.

2. Undo the three snap locks and carefully lower the Bottom Cover of the Antenna Unit and let the Bottom Cover hang on the two straps provided.

3. Take the RS422 dongle and insert its connector in connector J5 of the Interconnection Board. See photo below.

4. Pull the internal network cable from the connector marked Ethernet on the Ethernet/Operating Panel/RS422 (EOR) interface board inside the Bottom Cover and plug it in the connector marked RS422. See photos below.

5. Carefully pull the Bottom Cover up and close the three snap locks, making sure that no cables are caught and that the Bottom Cover is pressed flush against the Antenna Unit.

6. Connect the end of the cable connected to the data port of the Antenna Unit to the RS422 interface port of the peripheral device (Windows client/workstation or DP computer).

7. Switch power to the Antenna Unit on.

Note

The RS422 dongle is hot swappable. If necessary, the dongle may be inserted or removed and the network cable may be swapped from Ethernet to RS422 or vice versa with power applied to the Antenna Unit.
For safety reasons it is, however, advised to switch power to the Antenna Unit off before removing its Bottom Cover.