5.   Appendix, RS422 pin out

Regarding the RS422 communication the Sphynx 2 must always be slave and the computer has to be the master.

RS422 Pin out Sphynx 2:

Baud rate 19.2 Kbaud
Connector Type: 9 pole D-Sub Female
Pin 1: RX- (input)
Pin 2: RX+ (input)
Pin 3: TX+ (output)
Pin 4: TX- (output)
Pin 5: GND
Pin 6: NC
Pin 7: NC
Pin 8: NC
Pin 9: NC

The Antona RS232 to RS422 converter
If you want to use an Antona RS232 to RS422 converter for controlling the Sphynx 2, you must make a special cable between the Sphynx 2 and the Antona converter.

RS422 pin out for the Antona RS232 to RS422 converter in master mode:

Pin 1: GND
Pin 2: RX-
Pin 3: TX+
Pin 4: NC
Pin 5: GND
Pin 6: NC
Pin 7: RX+
Pin 8: TX-
Pin 9: +V