

Connecting AX24 to the Keyspan RS-422 interface

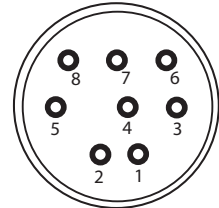
RS-422 communication between the AX24 and the MAC can be established using the Keyspan USB Twin Serial Adapter, USA-28X.

The Keyspan USB Twin Serial Adapter has two female Din8 ports as illustrated below. Each port can connect to an AX24 AD/DA converter.

The pinning is:

Pin 1:	HSKo	Not used for RS-422/AX24
Pin 2:	HSKi	Not used for RS-422/AX24
Pin 3:	TX-	Transmit -data (output)
Pin 4:	GND	Ground
Pin 5:	RX-	Receive -data (input)
Pin 6:	TX+	Transmit +data (output)
Pin 7:	GPI	Not used for RS-422/AX24
Pin 8:	RX+	Receive +data (input)

Keyspan Female Din8 port

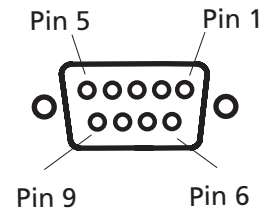


In RS422 communication the AX24 must always be slave and the computer the master.

RS422 Pin out AX24:

- Baud rate 19.2 Kbaud
- Cable length: <100 meter
- 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

AX24 Female Dsub-9 port



Connector cable connecting AX24 with the Twin USB serial adapter

AX24 Dsub-9 connection

Keyspan Din8 connection

