
NK-80 NMEA2000 Adaptor Firmware Upgrade Guide

Users can download latest firmware from Alltek Marine official website for recovery or upgrade purpose.



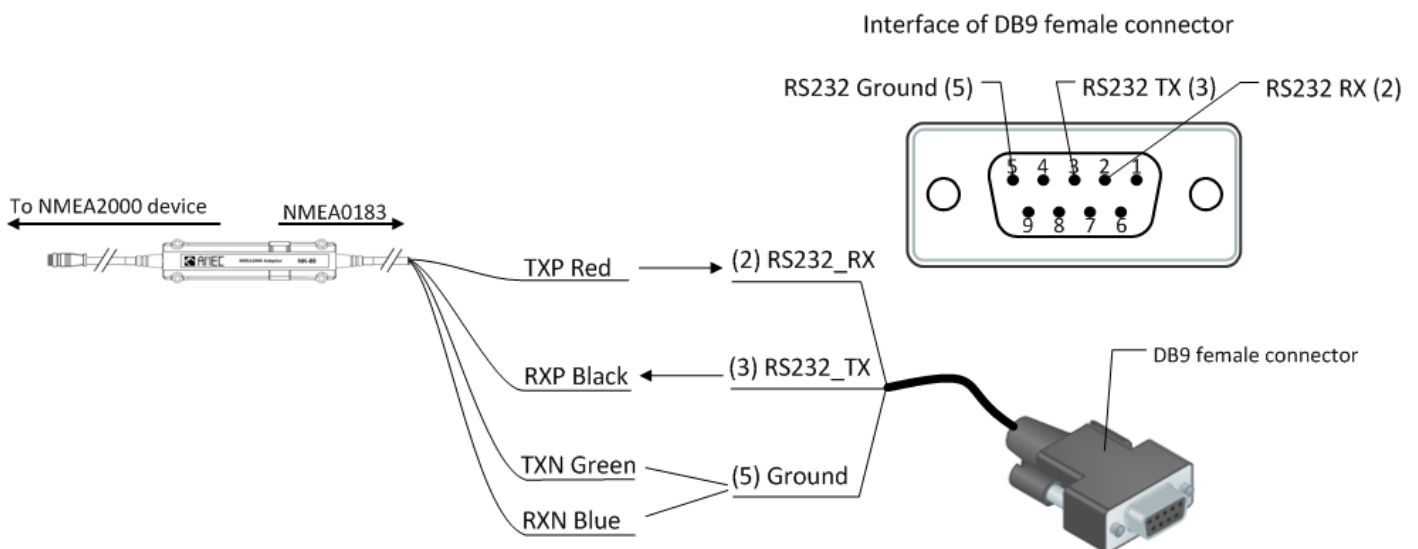
Please follow the firmware upgrade procedures below.

Step 1: Understanding NK-80 cable wiring definitions

NK-80's NMEA0183 cable wiring is defined in the table below.

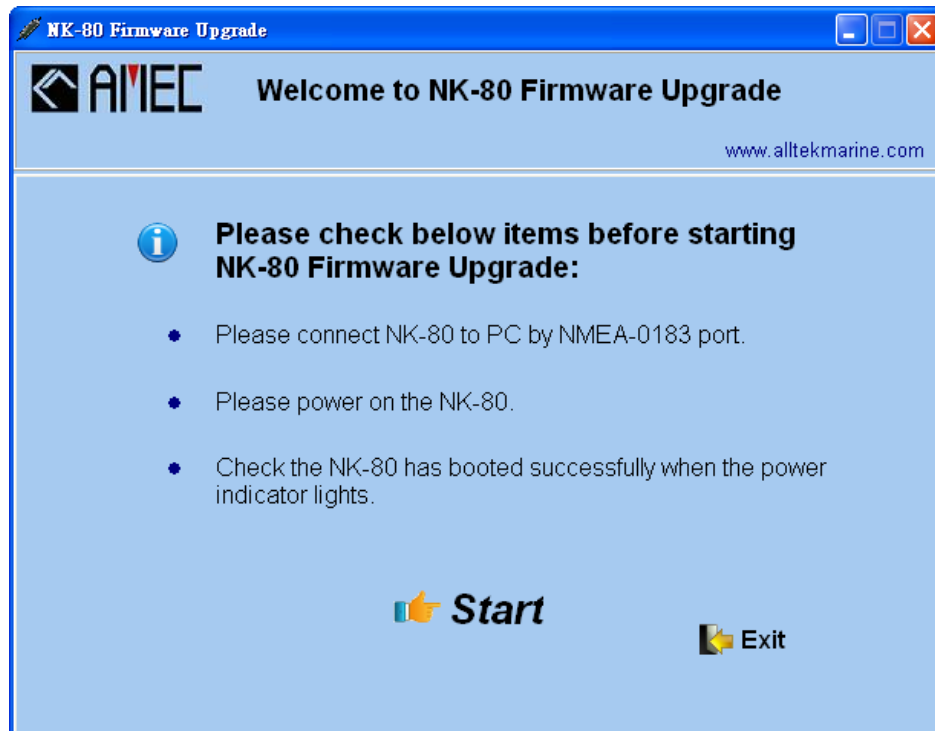
Pin	Wire color	Name	Function
1	RED	TXP	Positive(+); NMEA 0183 Data output
2	GREEN	TXN	Negative (—); NMEA 0183 Data output
3	BLACK	RXP	Positive(+); NMEA 0183 Data input
4	BLUE	RXN	Negative (—); NMEA 0183 Data input
5	SHIELD	GND	Ground

Step 2: Use the following connection diagram to connect NK-80 to a DB9 female connector. Connect to a serial port on PC. If no serial port is available, use a RS-232/USB adapter to connect. Ensure power is supplied through its NMEA2000 connector.





Step 3: Download firmware upgrade utility and run the software. Click “Start”

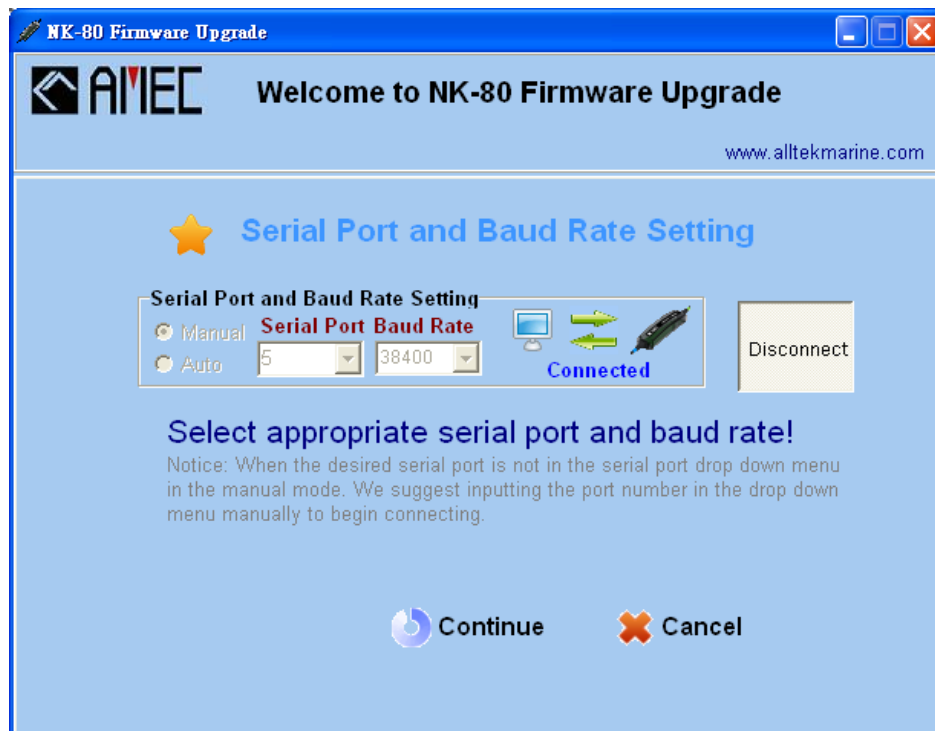


Step 4: Select “Auto” and click “Connect” to connect NK-80



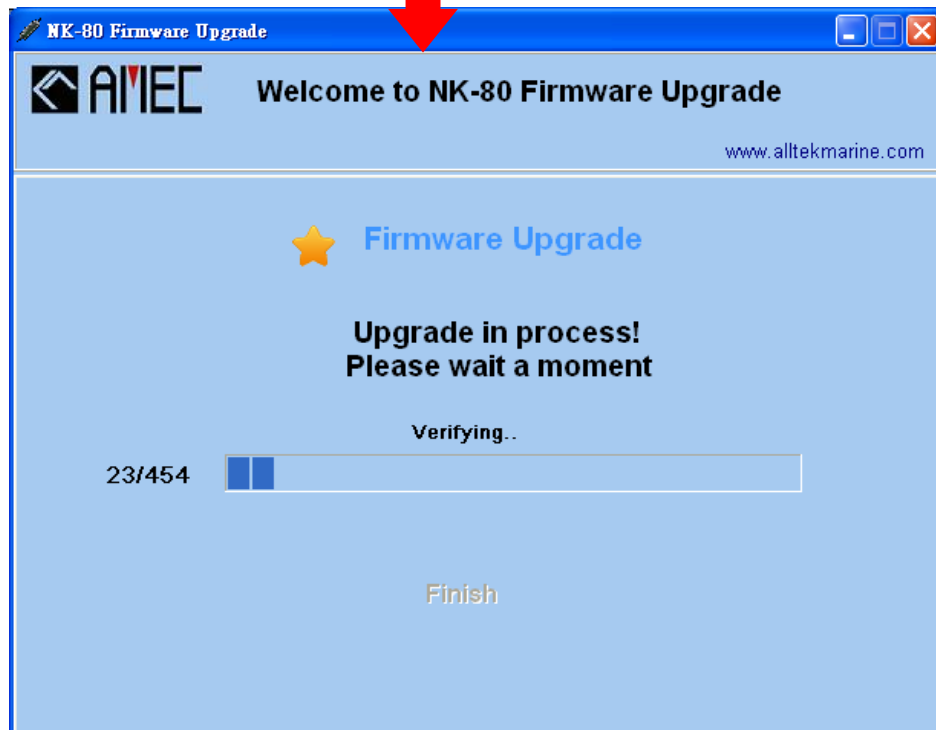


Step 5: Click “Continue” and Click “Yes” for final confirmation.





Step 6: System will start updating and verifying data automatically.





Step 7: Click “Finish” to end the process.

