Using the Nav6 Programmer
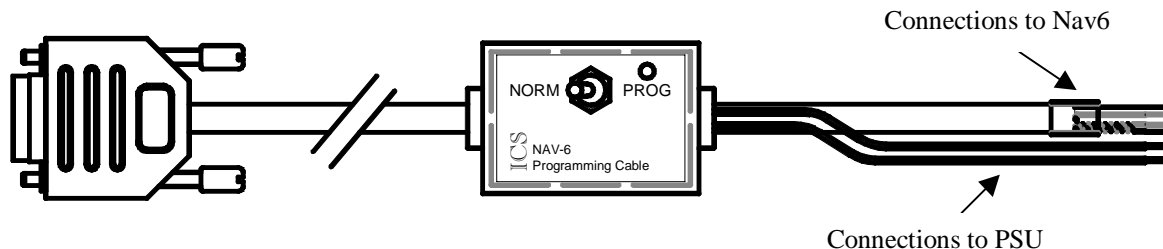
Equipment required:

Programming Lead   (included in 6030.00)
Flash Upgrade CDrom   (included in 6030.00)
12V PSU
PC (minimum specification : 486 with Windows95, 98 or NT, CDrom drive, COM1 RS232 port)

Connections to Nav6

Connections to PSU

Note that this instruction sheet contains an expanded version of the instructions contained within the Nav6 loader software.

Instructions:

- Insert the CDrom into the drive on your PC – the CDrom should auto start
- Follow the instructions on screen using these more details notes if necessary
- Connect the programming lead to the 12V PSU, ensure that the power is switched off, the power supply should be connected to the separate red (12V) & black (0V) wires
- Connect the programming lead to the Nav6 via a terminal strip or equivalent. The connections that you need to make are :

Programming Lead cable colour	Nav6 Lead cable colour	Signal name
Red	Red	12V
Black	Black (paired with red)	0V
Green	Green	PROG
Brown	Brown	RX
White with black sleeve	Black (paired with brown)	TX

- Connect the programming lead to the PC's RS232 port (usually COM1)
- Set the programming switch on the programming cable to 'PROG'
- Now switch on the 12V PSU – the green LED should be lit on the programming cable
- After a couple of seconds the red LED on the Nav6 should illuminate and stay on – the Nav6 should *not* power up normally & the display should remain off
- Now start up the programming application on the PC and follow the instructions

Test display after download as follows :
- Switch off the 12V PSU
- Set the programming switch to 'NORM'
- Switch on the 12V PSU
- After a couple of seconds the red LED on the Nav6 should illuminate. The Nav6 should power up normally & the display turn on a few seconds later
- Check that the version of software (displayed on the start-up screen) is correct

Switch off the PSU & disconnect the Nav6. You are now ready to install the Nav6 / Nav6plus.

Included on the Flash Upgrade CDrom are pdf files of the various Nav6 manuals (current at the time of going to print).

man3008.00	Nav6plus User Manual	man3008.03	Nav6 User Manual
man3028.00	Nav6/Nav6plus Quick Start Guide	man3029.00	Nav6hub User Manual
man3030.00	Nav6aplus User Manual	man3034.00	This document