

ST Robotics - help sheet 1B

Loading/Reloading controller software

Instructions for Mk3 and Mk4 controllers and ROBOFORTH II v5,6,7

How to reload existing RAM file: (only do this if you are SURE the contents of RAM are corrupted as this is unlikely.)

1. **Using ROBWIN:** Double click on ROBWIN icon

Using Z380: Go into DOS in the ROBOT directory and enter Z380.

2. Unprotect memory with key switch to right (if no key switch open front and put the small switch on the CPU to down position)

3. Select COLD START using front panel selector (if no front panel selector open front panel and move jumper on CPU card to top position of 3.

4. Press reset button (if not reset button on front panel then open front panel to find reset button just inside on a bracket at the bottom near the front.

The message COLD START should appear on the screen.

If you press enter key you should see OK but not the word ROBOFORTH.

5 **Using ROBWIN:** Click on File then Load Binary. Box should show start 2000, length 6000, press OK.

Using Z380: Enter 2000 6000 RECEIVE

6.**Using ROBWIN:** Enter file name that you were given with the robot e.g. CAMBRIDGE.RAM

Using Z380: Enter 2000 6000 RECEIVE Press ctrl-Z then option 3 then file name that you were given with the robot e.g. CAMBRIDGE.RAM

7. Enter ROBOFORTH

8. Protect memory with key switch back to vertical (or internal switch in up position)

How to load a new version of ROBOFORTH II

1. Go into DOS in the ROBOT directory and enter Z380.

2. Enter FLOAD RECAL.R17.

3. When loaded enter CALSAVE then a file name e.g. CALSAVE TEM.CAL

4. Unprotect memory with key switch to right (if no key switch open front and put the small switch on the CPU to down position)

5. Select COLD START using front panel selector (if no front panel selector open front panel and move jumper on CPU card to top position of 3.

6. Press reset button (if not reset button on front panel then open front panel to find reset button just inside on a bracket at the bottom near the front.

The message COLD START should appear on the screen.

If you press enter key you should see OK but not the word ROBOFORTH.

7. Enter 2000 6000 RECEIVE

8. Enter 2000 6000 RECEIVE Press ctrl-Z then option 3 then file name _____ .RAM

9. Enter ROBOFORTH

10. Enter FLOAD RECAL.R17 again.

11. Enter CALLOAD and your file name e.g. CALLOAD TEM.CAL

12. Protect memory with key switch back to vertical (or internal switch in up position)

