



HOW TO USE THE VALIANT TURTLE WITH THE COMMODORE 64 MICROCOMPUTER

The Valiant Turtle can run from most microcomputers. It is interfaced to various LOGO and LOGO-type languages. The performance of the turtle is affected by the software. To obtain optimum performance you should use a full implementation of LOGO.

These instructions cover the operation of the Valiant Turtle with the CBM 64 LOGO.

If the turtle does not respond after you have carried out the following instructions, consult the Troubleshooting section in the Valiant Turtle User Guide.

- 1 Ensure the computer system is switched OFF.
- 2 Set the small coloured switches on the side of the Communicator as follows (See Fig.1):

Switch 1 OFF

Switches 2, 3 & 4 ON

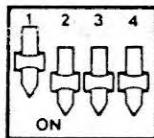


Fig. 1

- 3 Set both small switches underneath the turtle to OFF (See Fig.2).

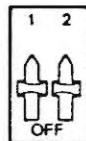


Fig. 2

- 4 Insert the D-shaped plug at the end of the Communicator cable into the parallel socket at the back of the Communicator (See Fig.3).

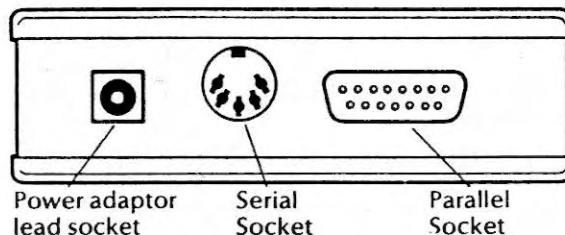
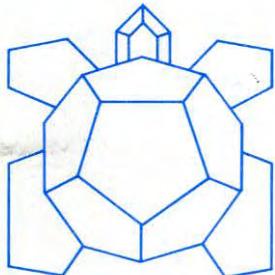


Fig. 3

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- 5 Plug the other end of the Communicator into the user port at the back of the computer (on the right hand side when the computer is viewed from the rear).
- 6 Switch on the computer.
- 7 Plug the Valiant power adaptor into your mains supply and turn on the power.
- 8 Push the jack plug on the end of the power adaptor's lead firmly into the power socket at the rear of the Communicator (See Fig.3). If the red light behind the Communicator screen does not illuminate, disconnect and try again. If it still does not come on, consult the Troubleshooting section in the Valiant Turtle User Guide.
- 9 Switch on the turtle.
- 10 Insert the CBM 64 LOGO disc.
- 11 Type LOAD"LOGO",8 and press the RETURN key. LOADING and READY will appear on the screen.
- 12 Type RUN and press the RETURN key.
Loading.....please wait will appear on the screen. After about 2 minutes WELCOME TO LOGO WILL APPEAR ON the screen.
- 13 Remove the CBM 64 LOGO disc and insert the Valiant Turtle Software disc.
- 14 Type READ "VALIANT and press the RETURN key.
The message PRESS ANY KEY, THEN TYPE READ "TURTLE will appear.
- 15 Press any key, then type READ "TURTLE and press the RETURN key. The message PLEASE CHECK THAT THE COMMUNICATOR AND TURTLE ARE SWITCHED ON, AND PRESS ANY KEY will appear.
- 16 Check the turtle and Communicator and then press a key. The red light behind the Communicator screen should go out, indicating that the Communicator has "initialised" (i.e. synchronised itself with the computer). If not, disconnect the jack plug from the Communicator, wait a few seconds, then reconnect it. Type RESET, check turtle and Communicator are switched on, and press a key. If the red light still does not go out, consult the Troubleshooting section in the Valiant Turtle User Guide.
- 17 The turtle is now ready to use.

NOTES:

If you ever wish to move the screen turtle but not the Valiant Turtle, type TURTLE and LOGO will ask whether you want the floor turtle on or off. Type OFF. When you wish to move the Valiant Turtle again, type TURTLE and then ON.

If for any reason the power supply to the communicator is disconnected, the communicator must be re-initialised before it can be used to move the turtle. To do this type RESET then press ENTER.