

INTRODUCTION

MDRAW is a versatile high resolution graphic editing program for use on the TRS-80 Model 4 if you have a Tandy Serial Mouse. MDRAW is a heavily modified version of DRAW/BAS, and has all the features of DRAW/BAS. This program is enough to get any programmer started using the mouse, and demonstrates programming techniques for interfacing with the mouse.

REQUIREMENTS

- 1) Tandy Serial Mouse & 9 pin to 25 pin adapter
- 2) Scott McBurney's Mouse Driver software
- 3) LS-DOS 6.3
- 4) Micro Labs GBASIC for LS-DOS 6.3

* This program will not run under TRS-DOS 6.2

START UP INSTRUCTIONS

- 1) Attach the mouse to the computer's serial port. On the model 4 and 4B, you may need a cable, plus the 9 pin to 25 pin adapter. The 4p does not need a cable.
- 2) Load the driver software as the instructions for it describe.
- 3) At the LS-DOS prompt, type:
GBASIC MDRAW/BAS

It should then load and execute.

INSTRUCTIONS

All functions from DRAW/BAS have been included in MDRAW.

You now control the cursor with the mouse. As you move the mouse, the cursor should follow on the screen.

You may compliment any point when you have the arrow cursor by pushing the right mouse button and releasing it.

You can bring up a menu of functions by pressing the left mouse button. If you want to draw a line, circle, box, etc., you should position the arrow cursor to the correct location before pressing the left mouse button.

At the command menu, use the mouse to select the correct command. Press the left button to select a highlighted command, or press the right button to return to the graphic screen.

Most commands will use the left button to SET a line, box, circle, etc. Most will use the right button to RESET a line, box, etc. Pressing C on the keyboard will compliment lines and boxes, but not circles. Pressing the space bar will usually return you to the graphic screen without doing the current function.

If you have used DRAW/BAS, then this should seem easier to use. If you have not used DRAW, then you may want to download it for much more detailed instructions.

TECHNICAL STUFF

This program has examples of cursor positioning on the graphics screen, vertical text choices, and horizontal text choices all using the mouse. If you will be writing your own mouse programs, you may wish to take a detailed look at this program.

Any questions should be sent by E-mail to me.

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