

Zebra OS-64 Cartridge

OS-64 is a ROM that supports the Timex/Sinclair's 64-column mode. It is fully compatible with 32 column commands and functions.

The original Zebra manual has not been found yet, so minimal documentation exists.

How to Use OS-64

OS-64 is supplied on cartridge. Insert in the TS2068's cartridge slot (with the power turned off), then turn your computer on. The boot screen will be black with white characters and the OS64 copyright message will be displayed along with the Sinclair and Timex messages.

PRINT, PRINT AT, PRINT TAB, LIST, LLIST, LPRINT and program editing commands work in 64 columns.

You lose nearly 5K of free memory at the bottom of BASIC.

Loading programs larger than 33K will crash the 2068.

FLASH, BRIGHT and INVERSE do not work with OS-64.

OS-64 uses Display File 2, so a normal SCREEN\$ will not work to SAVE or LOAD. You must SAVE/LOAD two separate CODE files in order to deal with a SCREEN in 64 column mode.

Once you set either PAPER or INK, the other is set to its compliment (i.e. PAPER 4 [green] will set the INK to 2 [red]). This change affects all the ink on the page, so that it's impossible to have more than one color of INK on any page. The BORDER is automatically set to the same color as PAPER.

If you have a TS 2040 printer, LPRINTs and LLISTs to the printer will be in 64 columns.

Resources

The following webpage links to all known documents and articles about OS-64 software. As I find more information, it'll go on this page: <https://www.timexsinclair.com/product/os-64-cartridge/>

Timex Sinclair 2068 Group

Since you're a confirmed TS 2068 owner, you may want join the Timex Sinclair 2068 Group. It's both an email list and a web forum. You can find more information here: <https://groups.io/g/TS2068>

Enjoy your OS-64 ROM!
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Check my website, timexsinclair.com, for more Timex/Sinclair information about your computer.