XEROX

XORcursorPatch

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INTRODUCTION

This module allows the 1186/Daybreak (only) users to twiddle the hardware bits so that they can have an inverting cursor (white on black and black on white instead of black on everything) and provides a patch to keep the system from undoing the effect when calling VIDEOCOLOR to reset the screen.

USE

(DOVE.XOR.CURSOR *FLG*)   [Function]

The argument *FLG*, if T, will switch to the inverting cursor mode. If *FLG* is NIL it will switch back to normal mode. If *FLG* is a number between 0 and 15 then it is used as the 'mix-in rule' and has an effect according to the table below.

Mix-in rules

	Screen	Source	Cursor Mode
0	All Black	None	
1	Normal	Normal	Paint
2	Normal	Inverted	Paint
3	Normal	None	mode.
4	Inverted	Normal	Erase
5	All Black	Inverted	Paint
6	Inverted	Normal	Invert
7	Normal	Inverted	Erase
8	Inverted	Inverted	Erase
9	Normal	Normal	Invert
10	All White	Inverted	Paint
11	Normal	Normal	Erase
12	Inverted	None	
13	Inverted	Inverted	Paint
14	Inverted	Normal	Paint
15	All White	None	

This table is relative to the normal mode of the display (1), normal screen, normal cursor in paint mode. The inverted display, (VIDEOCOLOR T), would be 13, inverted screen and inverted cursor in paint mode. There is probably a more precise or logical way to notate these modes, but this should give you a rough idea ofwhat's available

Note

The function is set up such that when trying different modes, you must do a (DOVE.XOR.CURSOR) (no argument) between calls.

No warranty expressed or implied, but we have been using it locally without problem (at least as far as I know). Enjoy.