Half-Fast

Access the C128's 2meg clock
While running in 64 Mode

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    If you're a 64 owner who upgraded to a 128, then you've probably
been amazed at what a difference typing FAST in 128 mode can make in
processing speed. Suddenly, the computer's speed just about doubles,
and formerly sluggish programs whiz along quite nicely. The only
catch is that the 40-column screen blanks.

    Half-Fast is a program designed to bring some of that blazing speed
to your 128's 64 mode. To use the program, simply select it from the
UpTime menu or exit UpTime, leaving your 128 in 64 mode, and type:

LOAD "0:HALF FAST 128",8 and press RETURN. When the program has
finished loading, type RUN and press RETURN.

    HALF FAST will now present you with the option of either installing
itself in your computer or allowing you to exit back to UpTime if
loaded from UpTime. Press "I" to install the working portion of the
program into your computer's memory.

    By default, Half-Fast will put your computer into FAST mode only
during the screen's vertical blanking interval, so the whole 40-column
screen will be visible. You can, however, cause FAST mode to take
place more frequently by pressing the "+" key on the Commodore 128's
numeric keypad (no, the "+" key on the main part of the keyboard does
not affect this.)

    As a result of pressing the numeric keypad "+" your computer will
run faster, but part of the screen will fuzz into colored rectangles.
With the whole screen fuzzed, your computer will be processing about
twice as fast as it would normally. To reduce the computer's speed
back to normal, press the numeric keypad "-" key. More of the 40
column screen will become visible as you do this, and your computer's
processing speed will slow down.

    Important note: the 64's kernal routines were not written to deal
with the FAST speed. Therefore, it will give error messages should
you attempt to access the disk drive or printer while your computer is
in FAST mode. To use your disk drive or printer, press the numeric
"-" key until the wiggly line at the bottom left of your screen
disappears. This will return your computer to normal speed. After
you've LOADed or PRINTed, you can use FAST speed by pressing the

numeric keypad "+" again.

    You can use the partial FAST speed with most of your BASIC and ML
programs for the 64, which do not interfere with the portions of
memory in which Half-Fast resides. Just be sure to press the numeric
"-" key until the wiggly line disappears before loading in your
programs.

    If you are a BASIC programmer, try timing some delay loops with
varying portions of the screen fuzzed by FAST mode. It really does
work!
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