

Apple II Technical Notes



Developer Technical Support

Apple IIGS

#58: Keyboard Modifiers Register Anomaly

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This Technical Note discusses an anomaly with the keyboard modifiers register at location \$C025 which prevents it from always properly reflecting the state of the Control and Shift keys.

There are two cases where pressing the Control key turns on the Shift bit instead of the Control bit in the keyboard modifiers register:

- An arrow key (or a Control key equivalent to an arrow key) is being held down and is repeating
- The Space bar or Delete key is being held down and repeating with the Fast Space/Delete option selected in the Control Panel

Since the Event Manager reads the modifiers byte, desktop applications may be affected by this anomaly.

Further Reference

- *Apple IIGS Hardware Reference*