AlphaSmart, Inc.
20400 Stevens Creek Boulevard, Suite 300
Cupertino, CA 95014
(888) 274-0680 Fax: (408) 252-9409
E-mail: info@alphasmart.com
www.alphasmart.com

MAN-US30-A Rev A

ALPHASMART 3000

User's Guide Addendum

This addendum describes the new features and capabilities included in this version of the AlphaSmart 3000. Almost all of these capabilities can be added to any AlphaSmart 3000 by updating its software to AlphaWord Version 1.4. Two features that are specific to this hardware revision are described in the section "New Hardware Features".

Note: This version of the AlphaSmart 3000 requires AlphaWord Version 1.4 or later. Do not install software that incorporates earlier versions of AlphaWord on this unit. Check the AlphaSmart website www.alphasmart.com for information on updates to other SmartApplets.

New Software Features

AlphaHub Compatibility

This software version allows the AlphaSmart 3000 to be configured and managed through AlphaSmart's AlphaHub product. AlphaHub, with the AlphaSmart Manager software, allows you to download files to, and configure settings for, up to 30 AlphaSmart 3000s at once. AlphaHub also makes it possible to use the AlphaQuiz SmartApplet System to send quizzes and retrieve responses from a classroom set of AlphaSmarts at once, and using the latest AlphaSmart Updater, to install new SmartApplets on 30 AlphaSmarts with a single mouse click.

Changes to Passwords

AlphaWord file passwords can all be reset to the factory default value using the keyboard command ctrl-shift-option-cmd-P and entering the master password.

AlphaWord file passwords can now be any length from 1 to 6 characters. Backspace and Tab characters cannot be used in passwords, and the backspace key will erase the preceding character in a password entry field.

Slow Keys Feature

AlphaWord Version 1.4 adds a new feature to assist users with a physical disability. Slow Keys is designed to allow a user with unsteady hands or difficulty in targeting specific keys to set a delay time between depressing a key and the generation of the associated character. The Slow Keys control screen can be displayed with the keyboard command ctrl-option-cmd-K.

To turn Slow Keys on, use the up-arrow or right-arrow key to select a delay value greater than zero (a zero value turns Slow Keys off). Use the down-arrow or left-arrow to decrease the delay value. Once the desired delay value is displayed, press Enter to set that value, or Esc to cancel any changes you have made.

The AutoRepeat delay, which is normally about one second, will be increased to match the Slow Keys delay if it is greater than one second. For example, a Slow Keys delay setting of 1.5 seconds will set the AutoRepeat delay to about 1.5 seconds as well. This means that, after pressing and holding a key down, there would be a 1.5-second delay before a character appeared, and after an additional 1.5 seconds, that character would begin to AutoRepeat.

The Slow Keys delay does not apply to key use in the Slow Keys control screen.

Control of Access to Calculator

Access to the Calculator SmartApplet that comes pre-installed on the AlphaSmart 3000 can now be enabled or disabled via a keyboard command and password. This may be useful to prevent access to the Calculator during a math drill, for example.

When you are in AlphaWord, the keyboard command ctrl-cmd-C displays a screen that prompts you for the master password to disable or enable the Calculator. If you select Calculator from the SmartApplet menu when the Calculator is disabled, the message "The Calculator is turned off." will be displayed briefly before returning to the SmartApplet menu.

Improved Character Appearance

Some characters with descenders have been redesigned for better appearance. The characters are lowercase g, y, p, and q.

New Hardware Features

Battery Status Display

A display of the current battery charge level is now available within AlphaWord when you use the keyboard command ctrl-cmd-B. This display shows a graphical representation of the battery charge level. In addition, the graphical representation of the battery charge level is shown in the startup screen when the AlphaSmart is powered on, and in the screen that you see when you change files in AlphaWord.

Auto Power-On

The AlphaSmart will power on automatically when connected via USB to a powered-on AlphaHub, or via USB, PC Y cable, or Mac Y cable to a powered-on computer, and will remain on until the cable is disconnected or the AlphaHub or computer is turned off. When the cable is disconnected or power is removed from the cable, the AlphaSmart will return to the state it was in before connecting, i.e. if it was off before connecting, it will turn off again when disconnected.

Summary of New Keyboard Commands

Ctrl-cmd-C: Enable or disable access to Calculator (requires master password)

Ctrl-option-cmd-K: Display Slow Keys control screen

Ctrl-shift-option-cmd-I: Display hardware configuration information (for diagnostic purposes)

Ctrl-shift-option-cmd-P: Reset AlphaWord file passwords to factory settings (requires master password)

International and Special Characters

The following tables show the international and special characters available in this software release, and the keystroke sequence that generates each character. Key combinations separated by hyphens (ctrl-option-2) should be pressed in the sequence given and held down until the last key is pressed. Key combinations separated by a comma (option-E, A) should be pressed sequentially; in this example, press and hold the option key while pressing E, then release them both before pressing A. You will not see a character displayed after pressing the E, but the character that appears after pressing the A will be an accented lowercase A. (These key sequences that do not produce visible results themselves, but modify subsequent characters, are called *dead-key sequences.*)

Diacritical Characters

Character	Keystroke Sequence
á	option-E, A
é	option-E, E
í	option-E, I
ó	option-E, O
ú	option-E, U
Á	option-E, shift-A (displays as á, transfers as Á)
É	option-E, shift-E
Ó	option-E, shift-O
Ú	option-E, shift-U
à	option-`, A
è	option-`, E
ì	option-`, I
ò	option-`, O
ù	option-`, U
À	option-`, shift-A (displays as à, transfers as À)
È	option-`, shift-E
Ò	option-`, shift-O
Ù	option-`, shift-U
â	option-I, A
ê	option-I, E
î	option-I, I
ô	option-I, O

û	option-I, U
Ê	option-I, shift-E
Ô	option-I, shift-O
Û	option-I, shift-U
ä	option-U, A
ë	option-U, E
ï	option-U, I
ö	option-U, O
ü	option-U, U
ÿ	option-U, Y
Ä	option-U, shift-A
Ë	option-U, shift-E
Ö	option-U, shift-O
Ü	option-U, shift-U
ã	option-N, A
ñ	option-N, N
õ	option-N, O
Ã	option-N, shift-A
Ñ	option-N, shift-N
Õ	option-N, shift-O
å	option-A
Å	option-shift-A

Special Characters

Character	Keystroke Sequence
ø	option-O
Ø	option-shift-O
°	option-shift-8
™	option-2
®	option-R
©	option-G
ç	option-C
Ç	option-shift-C
∞ (infinity)	option-5
§	option-6
¶	option-7
Æ	option-shift-‘

Punctuation

Character	Keystroke Sequence
¿	option-shift-/
¡	option-1
»	option-shift-\
«	option-\

Accents

Character	Keystroke Sequence
´ (acute accent)	option-E, space
` (grave accent)	option-`, space
^ (circumflex)	option-I, space
¨ (umlaut)	option-U, space
~ (tilde)	option-N, space
˙ (superscript dot)	option-H

Math

Character	Keystroke Sequence
1/2	ctrl-option-2
1/3	ctrl-option-3
1/4	ctrl-option-4
÷	option-/
±	option-shift-=
ƒ	option-F

Currency

Character	Keystroke Sequence
£	option-3
¢	option-4
¤	option-shift-5
¥	option-Y
$	shift-4

Greek

Character	Keystroke Sequence
ß (beta or German Sharp S)	option-S
∑ (epsilon)	option-W
π (pi)	option-P
µ (mu)	option-M
Ω (omega)	option-Z