

## Easy Sto II

### Installation and Setup

To install Easy Sto II, load the program onto the calculator using the HP Connectivity Kit. This may be done by dragging the file named “eexcode.hpprgm” onto the calculator in the Calculators window of the HP Connectivity Kit software.

Once installed, Easy Sto II requires that the user enter User mode on the calculator. To do this, press Shift→Help to enter it, and then repeat Shift→Help to lock the calculator in User mode. If Shift→Help is only entered once, the calculator will leave user mode once a key is pressed.

### Instructions

#### Storing to a Standard Variable

Once installed and in User mode, users may store to a variable using the key sequence:

EEX→[Letter]

Where [Letter] indicates the key of the letter to store to.

#### Storing to a Shifted Variable

Alternatively, if the user wishes to store to a lower-case letter in Home view or an upper case letter in CAS view, either of the following sequences may be used:

EEX→Shift→[Letter] or Shift→EEX→[Letter]

#### Entering the EEX Command

To enter the EEX command, simply press the EEX key twice in a row.

EEX→EEX

#### Storing to the Standard Form of “P”

The standard form of “P” is upper-case in Home view and lower-case in CAS view. Because the EEX key is also used for the letter “P”, the standard form of the letter “P” requires a different sequence than other letters. Because this is a different sequence and is therefore difficult to remember, several options are provided.

The first two are new and involve pressing any of the keys near EEX that do not have any Alpha functionality. This includes the Alpha key and the Enter key.

Additionally, the original Easy Sto program allowed this to be entered using the Space key as well. Easy Sto supports this method as well. As a result the allowed key sequences are:

EEX→Enter,

EEX→Alpha, or

EEX→Space

## Change Log

Minor improvement to the Easy Sto program by vvolkan. This version fits in to the overall look and feel of the HP Prime much more seamlessly than the original and was written with the goal of making the functionality indistinguishable from how the HP Prime normally works.

The only noticeable deviation from the native functionality is when the user desires to store to the variable "P" in the Home screen or "p" in the CAS screen. In this case, a non-standard key sequence was required.

Changes from Easy Sto include:

- More organized, more compact code
- Significantly less latency when entering the  $\boxed{\blacktriangleright}A\dots Z$  modes (about 10 to 20 ms on G2)
- New dynamic UI elements that respond correctly when the Shift key is pressed
- Colors and fonts now precisely match the built-in UI
- More options for entering the " $\boxed{\blacktriangleright}P$ " sequence. (EEX→Enter, EEX→Alpha, and EEX→Space)
- Corrected output of EEX→Shift→EEX and Shift→EEX→EEX to give " $\boxed{\blacktriangleright}p$ " in Home View and " $\boxed{\blacktriangleright}P$ " in CAS view.
- Added support for holding the EEX key down when pressing the desired letter key.
- Added support for small and large font sizes.
- Added pass-through support for all appropriate buttons (Home, CAS, View, Plot, etc.) to better match how the native Shift and Alpha keys work.
- Added an optional latency-logging feature for debugging purposes. This may be enabled by calling SetLogTiming(1) and then disabled with SetLogTiming(0). In this mode, the program will log the time taken to execute each stage of preparation before the user may enter the following keys.