

Chapter 9



System Settings Menu

Use the system settings menu to view system information and make system settings. The system settings menu lets you do the following.

- View memory usage information
- Make contrast settings
- Make Auto Power Off settings
- Specify the system language
- Reset the calculator
- Tutorial Lock (ALGEBRA FX 2.0 PLUS only)

9-1 Using the System Settings Menu

9-2 Memory Operations

9-3 System Settings

9-4 Reset

9-5 Tutorial Lock (ALGEBRA FX 2.0 PLUS only)

9-1 Using the System Settings Menu

From the Main Menu, enter the **SYSTEM** Mode and display the following menu items.

```
System Manager
F1:Memory Usage
F2:Contrast
F3:Auto Power Off
F4:Language
F5:Reset
F6:Tutorial Lock
MemI <=> T APO L Lang Reset T-Lock
```

- **[F1]** (Mem) ... {display current memory status and delete data stored in memory}
 - **[F2]** (<=>) ... {display contrast adjustment}
 - **[F3]** (APO) ... {Auto Power Off time setting}
 - **[F4]** (Lang) ... {system language}
 - **[F5]** (Reset) ... {system reset operations}
 - **[F6]** (T-Lock) ... {Tutorial Lock}
- The T-Lock menu does not appear on the FX 1.0 PLUS.



9-2 Memory Operations

Use the Mem (Memory Usage) item to view current memory status and to delete certain data stored in memory.

While the initial System Settings Mode screen is displayed, press **[F1]** (Mem) to display the Memory Usage screen.

```
Memory Usage
F1:Main Memories
F2:Storage Memories

MainStr3
```

- **[F1]** (Main) ... {display the Main Memories screen}
- **[F2]** (Strg) ... {display the Storage Memories screen.}

Pressing **[F1]** (Main) displays data currently assigned to Main Memories.

```
Main Memories
Program      : 0
Matrix      : 283
Statistics   : 606
List File    : 198
V= Data     : 1024
143762 Bytes Free
DEL          DEL
```

• To delete data

1. Use the **▲** and **▼** cursor keys to move the highlighting to the memory item whose data you want to delete.
2. Depending on the screen that is on your display, press the function key assigned to the DEL function.
 - From the Main Memories screen, press **[F1]** (DEL).^{*1}
 - From the Storage Memories screen, press **[F6]** (DEL).
3. If you selected List File, Graph Memory, V-Win Memory, Picture or H-Copy Memory in step 1, a menu appears so you can select which data you want to delete.
Input a number to specify the data and then press **[EXE]**.
4. In response to the confirmation message that appears, press **[EXE]** (Yes) to delete the data you specified, or **[ESC]** (No) to cancel.



Pressing **[ESC]** or **[SHIFT] [ESC]** (QUIT) returns to the initial System Settings Mode screen.



^{*1} Pressing **[F6]** (DEL • A) deletes all the data in the currently selected memory item.

Performing the procedure to delete add-in applications clears all currently installed add-ins. You cannot delete add-ins individually.

• To view memory usage information

Use  and  to move the highlighting and view the amount of memory (in bytes) used for storage of each type of data.

The following table shows all of the data types that appear on the memory status screen.

Main Memories

Data Type	Meaning
Program	Program data
Matrix	Matrix memory data
Statistics	Statistical calculations and graphs
List File	List data
Y=Data	Graph functions
Draw Memory	Graph drawing conditions (View Window, enlargement/reduction factor)
Graph Memory	Graph memory data
V-Win Memory	View Window memory data
Picture	Picture memory data
Table	Function Table & Graph data
Dynamic Graph	Dynamic Graph data
Recursion	Recursion Table & Graph data
Equation	Equation calculation data
Algebra	Algebra variable data (ALGEBRA FX 2.0 PLUS only)
Financial	Financial data
Diff Eq	Differential equation and graphing conditions
E-Con	E-CON setup memory, custom probe list
Alpha Memory	Alpha memory data
Function Mem	Function memory data
H-Copy Memory	Screen shot transfer memory
System	System Variable data
Others	Other data

Storage Memories*¹

Data Type	Meaning
ADD-IN APP.	Add-in applications
[B]~	Backup data

Pressing **[F1]**(Ver) displays the application names and versions of all currently installed add-ins.



*¹ Any item that does not contain any data does not appear on the screen.

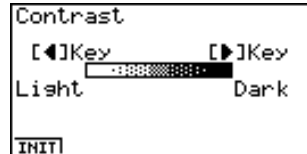


9-3 System Settings

■ Contrast Adjustment

Use the ◀▶ (Contrast) item to adjust display contrast.

While the initial System Settings Mode screen is displayed, press **[F2]** (◀▶) to display the Contrast Adjustment screen.



- The ▶ cursor key makes display contrast darker.
- The ◀ cursor key makes display contrast lighter.
- **[F1]** (INIT) returns display contrast to its initial default.

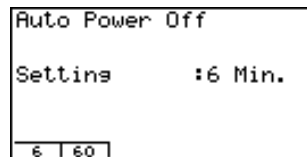
Pressing **[ESC]** or **[SHIFT]** **[ESC]** (QUIT) returns to the initial System Settings Mode screen.

You can adjust contrast while any screen besides the Main Menu is on the display by pressing **[SHIFT]** and then ▶ or ◀. To exit contrast adjustment, press **[SHIFT]** again.

■ APO Settings

You can specify either six minutes or 60 minutes as the Auto Power Off trigger time. The initial default setting is six minutes.

While the initial System Settings Mode screen is displayed, press **[F3]** (APO) to display the APO Setting screen.



- **[F1]** (6) ... 6 minutes
- **[F2]** (60) ... 60 minutes

Pressing **[ESC]** or **[SHIFT]** **[ESC]** (QUIT) returns to the initial System Settings Mode screen.

■ System Language Setting

Use Lang to specify the display language for built-in applications. You can also use add-ins to install various other languages.

1. From the initial System Setting Mode screen, press **[F4]** (Lang) to display the system language setting screen.



2. Use the **▲** and **▼** cursor keys to select the language you want, and then press **[F1]** (Sel).
3. The pop up window appears using the language you selected. Check the contents and then press **[ESC]**.

Press **[ESC]** or **[SHIFT] [ESC]** (QUIT) to return to the initial System Setting Mode screen.



Installing a language with an add-in causes the installed language to be selected as the system language automatically.

English display only is supported for the following functions.

- Differential equations
- E-CON

This means that all displays are in English, even if another display language is selected.

9-4 Reset

1. While the initial System Settings Mode screen is displayed, press **[F5]** (Reset) to display the Reset Menu screen.

```
*****
*      RESET      *
*****
F1:Setup Data
F2:Main Memories
F3:Storage Memories
F4:Initialize
S/U Main Strg Init
```

- **[F1]** (S/U) ... {set up initialization}
- **[F2]** (Main) ... {main memory data clear}
- **[F4]** (Init) ... {all memory clear}

Pressing **[F3]** (Strg) on the above screen displays the Storage Memories screen shown below.

```
Storage Memories
F1:ADD-IN APP. &
  BACKUP
F2:ADD-IN APP.
F3:BACKUP
F4:BACKUP &
  Main Memories
A%:E IADDINIBACKIB&M
```

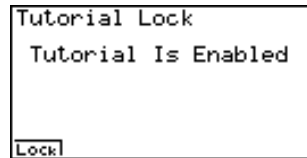
- **[F1]** (A&B) ... {Add-in application and backup data clear}
 - **[F2]** (ADDIN) ... {Add-in application clear}
 - **[F3]** (BACK) ... {Backup data clear}
 - **[F4]** (B&M) ... {Backup data and Main Memories data clear}
2. Press the function key that corresponds to the reset operation you want to perform.
 3. In response to the confirmation message that appears, press **[EXE]** (Yes) to perform the reset operation you specified, or **[ESC]** (No) to cancel.
 4. A message appears to let you know when the reset operation is complete.
Press **[MENU]** to return to the Main Menu.



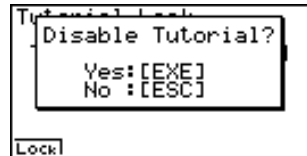
9-5 Tutorial Lock (ALGEBRA FX 2.0 PLUS only)

You can temporarily disable the Tutorial Mode (for 180 minutes).

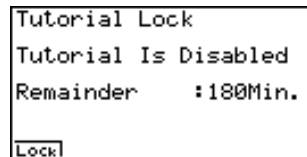
1. From the initial System Setting Mode screen, press **[F6]** (T-Lock) to display the Tutorial Lock screen.



2. Pressing **[F1]** (Lock) displays the pop-up menu.

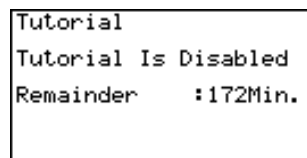


3. Pressing **[EXE]** (Yes) locks the Tutorial Mode so it cannot be used for 180 minutes.



Pressing **[ESC]** or **[SHIFT] [ESC]** (QUIT) returns to the initial System Settings Mode screen.

Attempting to enter the Tutorial Mode while Tutorial Lock is enabled displays a screen that shows the remaining Tutorial Lock time.



Press **[ESC]** to return to the Main Menu.

