

SONY®

Memory Stick *Autorun* *Version 1.2*

Operating Instructions

CLiÉ

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- This software must not be used in a system other than that specified.
- The software specifications may be subject to change without notice.

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Before Use

Features

Memory Stick Autorun (hereafter referred to as MS Autorun) is an add-on application which allows the Memory Stick media to copy and start a specified application automatically when Memory Stick media is inserted into the CLIE handheld. Removing the Memory Stick media automatically deletes the application copy from the memory of the CLIE handheld. MS Autorun functions as virtual memory to effectively utilize the memory of the CLIE handheld.

The available auto-run settings are :

Starting an application on the CLIE handheld automatically (page 7)

The auto-run setting automatically starts the PictureGear Pocket on the CLIE handheld to display the image taken by a digital still camera by inserting the “Memory Stick” media with them into the CLIE handheld. In addition, inserting the MG memory Stick media with music data automatically starts Audio Player.

Starting an application in Memory Stick media automatically (page 8)

The auto-run setting automatically starts gMovie in the Memory Stick media to easily playback the motion picture by inserting the Memory Stick media into the CLIE handheld with gMovie application and movie data.

Starting an application/associated database files in Memory Stick media automatically (page 10)

The setting starts the application recorded in the Memory Stick media, but not corresponded to it, to use the associated data files (.prc or .pdb) in the Memory Stick media.

Specifying data files in Memory Stick media to start automatically the application in the CLIE handheld (page 13)*

With the application in the CLIE handheld specified, corresponding with the specific database file in the Memory Stick media, only inserting the Memory Stick media automatically displays the specific database file. The setting is available when the application is located in the CLIE handheld.

* If you specify the PictureGear Pocket as an auto-run application, tap the arrow ▼ on the top center of the screen in PictureGear Pocket to select "MS." Likewise, if you specify gMovie player as an auto-run application, tap the movie file you want to play.

Note

- The following applications are not recommended to use for MS Autorun. "Address", "Date Book", "Memo Pad", "To Do List", "Calc" and "Mail". Data files not located on the CLIE handheld itself may cause problems to update the data when HotSync.
- Use of some application may not automatically start the application though inserting the Memory Stick media into the CLIE handheld. Return to the Home screen to re-insert the Memory Stick media.

System Requirements

The following devices and applications are required to use MS Autorun. The MS Autorun application is preinstalled in the CLIE handheld.

CLIE handheld

A CLIE handheld equipped with a Memory Stick slot.

Computer

A computer with Palm Desktop for Sony Software installed, or a computer equipped with Memory Stick slots.

Memory Stick Gate (MS Gate) application

Used to install an application (.prc) and database files (.pdb) into Memory Stick media.

Memory Stick media

Stores an application (.prc), database files (.pdb), and the auto-run setting.

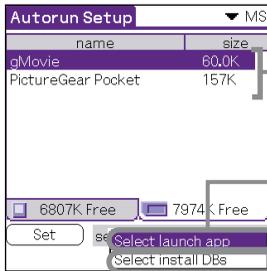
Operation

Starting MS Autorun

Rotate the Jog Dial navigator to select MS Autorun, then press the Jog Dial navigator.

Or tap the  icon.

A list of applications stored in the inserted Memory Stick media or in the CLIE handheld is displayed.



List of applications
(or list of databases)

Applications in the CLIE handheld or in the Memory Stick media are displayed. Select this item to set up an application for auto-run.

Applications and data in the Memory Stick media are displayed. Select this item to set up the data for applications.

Setting Auto-run for an Application

To start an application automatically when inserting the Memory Stick media, set the following procedures. This example describes the setting to start automatically the PictureGear Pocket when inserting the Memory Stick media with image into the CLIE handheld.

- 1 Install an application (PictureGear Pocket).
To install the application, see the Operating Instructions for the CLIE handheld.

Note

The PictureGear Pocket application is preinstalled in some series of CLIE handheld. For more information, refer to the Operating Instructions of the CLIE handheld.

- 2 Insert the Memory Stick media.
- 3 Rotate the Jog Dial navigator on the Home screen to select [MSAutorun] icon, and then press the Jog Dial.
MSAutorun starts up.
Or, tap the [MSAutorun] icon to start the MSAutorun.
- 4 Press the Jog Dial navigator.
A list of applications stored in the CLIE handheld is displayed.
- 5 From the list of applications displayed in the CLIE handheld, tap the application [PictureGear Pocket] for auto-run setting.
- 6 Tap [Set].
The setting is stored in the Memory Stick media.
- 7 Tap [OK].
The auto-run setting for PictureGear Pocket is completed.
- 8 Tap .

9 Remove the Memory Stick media.

Try the setting in previous page.

Display the Home screen on the CLIE handheld, insert the Memory Stick media to start automatically the PictureGear Pocket. Remove the Memory Stick media to quit to return to the Home screen (page 15).

Note

When [▼ Internal] is displayed on the PictureGear Pocket, the image files in the CLIE handheld are displayed. To set to display the image in the Memory Stick media, tap [▼ MS].

Auto-run for the application in the Memory Stick media

To start automatically the application in the Memory Stick media, set as follows. The example describes to set gMovie for "example" software. To prepare the desired movie on gMovie, see "How to use CLIE handheld".

Note

The gMovie application is preinstalled in some series of CLIE handheld. In this case, please use another application.

- 1 Install the gMovie application.
To install the application, see the Operating Instructions for CLIE handheld.
- 2 Insert the Memory Stick media.
- 3 Start MS Gate from the Home screen.
- 4 Tap [gMovie] from the displayed CLIE handheld side list.
- 5 Tap [MOVE].
The gMovie application and specified database files are moved into the Memory Stick media and deleted from the CLIE handheld memory.
- 6 Return to the Home screen, to start MS Autorun.
The list of applications in the Memory Stick media appears.

7 Press the Jog Dial.

8 From the list displayed, tap [gMovie].



9 Tap [Set].
Setting is stored in the Memory Stick, and then “Autorun setting” appears.

10 Tap [OK].
The auto-run setting for gMovie is completed. Afterwards, return to the Home screen to remove the Memory Stick media.

Auto-run for application / associated data files in the Memory Stick media

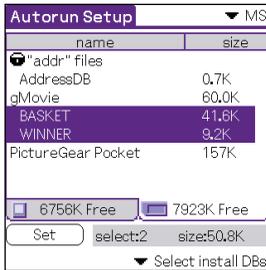
To specify the data file in the Memory Stick media to start the application automatically, set as follows. The example describes the setting for gMovie for movie viewer and its data files.

Note

- Removing the Memory Stick media does not update the database files in the Memory Stick. Take care when the application is required to be updated.
- Though the gMovie data files are displayed in the Memory Stick media, the examples describe in case of copying.
- The gMovie application is preinstalled in some series of CLIE handheld. In this case, please use another application.

- 1** Install the application (gMovieSonyE.prc) and their movie data files (.pdb) into the CLIE handheld.
- 2** Insert the Memory Stick media for auto-run setting into the Memory Stick Slot.
- 3** From the CLIE handheld Home screen, start the MS Gate.
- 4** From the list displayed, tap [gMovie] and movie data file.
- 5** Tap [MOVE].
The specified application and database files are copied into the Memory Stick media to be deleted from the CLIE handheld.
- 6** Return to the Home screen to start the MS Autorun.
The list of applications in the Memory Stick media appears.
- 7** From the list displayed, tap [gMovie].
- 8** Tap [Select launch app] drop down list then tap [Select install DBs].
The list of Applications and data files appear.

- 9 From the list displayed, tap the gMovie movie data file.
To select multiple data files, tap each item.



- 10 Tap [Set].
Setting is stored in the Memory Stick media, and "Autorun setting" display appears.

- 11 Tap [OK].
The auto-run setting for gMedia to display the specified database file is completed.
Afterwards, return to the Home screen, and remove the Memory Stick.

Changing the Auto-run Settings

If you need to add new database files to the existing auto-run settings, you can change the auto-run setting later.

The following is an example of adding (or canceling) the auto-run setting for movie files that are set to auto-run with the gMovie application in Memory Stick media.

Similarly, you can change the setting to delete specific data, or to start the application in Memory Stick media via the CLIE handheld.

- 1 Start MS Autorun from the Home screen.
- 2 Insert the Memory Stick media in the Memory Stick slot.
- 3 Press the Jog Dial navigator.
The list of applications in the Memory Stick media appears.
Applications with auto-run settings are highlighted on the screen.



- 4 Tap in the [Select launch app] dropdown list, then tap [Select Install DBs].
The list of applications and data files appears.
- 5 To cancel a specified movie file, tap the highlighted file. To add a movie file, tap on the unhighlighted file.
- 6 Tap [Set].
The setting is stored in the Memory Stick media, and the dialog box for confirmation appears.
- 7 Tap [OK].
Changing the auto-run setting is completed.

Specify the data file in Memory Stick media to start applications in the CLIE handheld automatically

To specify the data files in the Memory Stick media to start the application in the CLIE handheld automatically, set as follows. The example describes the setting for gMovie and its example data files.

Note

The gMovie application is preinstalled in some series of CLIE handheld. In this case, please use another application.

- 1 Install the gMovie application into the CLIE handheld.
- 2 Insert the Memory Stick media for auto-run setting into the Memory Stick Slot.
- 3 Start MS Gate from the Home screen for the CLIE handheld.
- 4 Tap [gMovie] from the list displayed.
- 5 Tap [MOVE].
The specified data files are copied into the Memory Stick media to be deleted from the CLIE handheld memory.
Make sure you are in \PALM\PROGRAMS\MSFILES.
- 6 Return to the Home screen to start MS Autorun.
The list of applications in the Memory Stick media appears.
- 7 Tap [gMovie] from the list displayed.
- 8 Tap [Select launch app] drop down list then tap [Select install DBs].
The list of applications and database files appear.

- 9** Tap the movie data file of gMedia from the list displayed.
Tap each item to select multiple database files.

- 10** Tap [Set].
The setting is stored in the Memory Stick, and then “Autorun setting” display appears.

- 11** Tap [OK].
The setting to start the example in the CLIE handheld automatically to display the specified database files.
Afterwards,, return to the Home screen to remove the Memory Stick media.

Performing an Auto-run Function

- 1 Insert the Memory Stick media set for auto-run into the Memory Stick slot.
The Now Loading dialog box appears, and the specified application and database files will be copied to the CLIE handheld. After the copying is complete, the application will automatically start.

Note

Do not remove the Memory Stick media when the "Now Loading" dialog appears.

- 2 Utilize the launched application.

- 3 When you finish the application, remove the Memory Stick media.
The application closes, and it will return to the Home screen. The application and database files will automatically be deleted from the memory of the CLIE handheld.

Note

- The auto-run function does not work if you insert a Memory Stick media into your CLIE handheld during infrared data transfer or check-in/out with Audio Player while MS Gate or MS Autorun is running.
- Data in the Memory Stick media is not updated when the Memory Stick media is removed.
- You cannot delete the data that MS Autorun copied into your CLIE handheld if the Memory Stick media is removed during check-in/out with Audio Player while the PictureGear Pocket is running.
In this case, go to the Tools menu in MS Autorun and tap Recover. Sony recommends that you move to the Home screen before removing the Memory Stick media.

Viewing the MS Autorun History Log

When the auto-run function is performed by inserting or removing Memory Stick media, a history log is created in the CLIE handheld (MSAutorun_log). If auto-run fails, it is useful to check the history log for information.

- 1 Start MS Autorun from the Home screen.
- 2 Tap  icon.
- 3 Tap [Display log].
The history log is displayed in the Autorun log dialog box.
- 4 When you have finished checking the history log, tap [close].

Note

Stored log is cleared each time Memory Stick media is inserted.

Setting Change

Canceling the Auto-run Function Temporarily

When you need to rearrange data stored in several Memory Stick media, you may not want applications to automatically start. You can temporarily cancel the auto-run feature using this procedure.

- 1 Start the MS Autorun from the Home screen.
- 2 Tap  icon.
- 3 Tap [Preferences].
The Preferences dialog box appears.
- 4 Tap the [Disable] checkbox in Autorun to add a check mark.
- 5 Tap [OK].
The auto-run function is temporarily canceled.

 **To enable the auto-run function**

Perform steps 1-3, listed above. Clear the check mark in the Disable checkbox.

Deleting the Auto-run Setting

When you delete the auto-run setting, you cancel the auto-run function on the Memory Stick media.

- 1 Start MS Autorun from the Home screen.
- 2 Insert the Memory Stick media into the Memory Stick slot.
- 3 Tap  icon.
- 4 Tap [Tools].
The Tools dialog box appears.
- 5 Tap [Delete autorun setting].
The Delete setting dialog box appears.
- 6 Tap [OK].
The auto-run setting is deleted.
- 7 Tap [close].

Where to store the auto-run setting

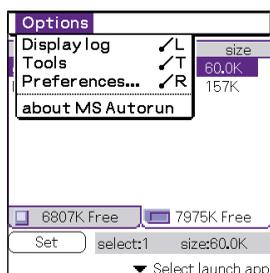
The auto-run setting of MS Autorun is stored in the file named “\PALM\DEFAULT.ARN” in the Memory Stick media. You can delete auto-run settings by deleting this file with your computer.

Supplemental Information

Menu Commands

Options menu

The Options menu is displayed by tapping  icon when the MS Autorun is running.



Display log

When Memory Stick media is inserted into or removed from your CLIE handheld, a history log is created. From the Options menu, you can view this information by tapping Display log.

Tools

The following buttons appear in the Tools dialog box:

[Recover]:

This button is displayed when the auto-run function is performed and MS Autorun is started without removing the Memory Stick media. You can delete the application and database files copied into your CLIE handheld.

[Delete autorun setting]:

This button is displayed when the auto-run setting file is stored in the inserted Memory Stick media. You can delete the auto-run setting in the Memory Stick media.

Preferences

Displays the Preferences dialog box.

The following items appear on this dialog:

[Autorun: Disable]:

You can temporarily cancel the auto-run function.

[MS List]:

You can switch the format of the list of data in Memory Stick media.

about MS Autorun

The version information of the MS Autorun application is displayed.

Troubleshooting

This section describes how to solve common problems you may encounter when using your CLIE handheld. Many problems have simple solutions, so try these suggestions before you call Sony Customer Information Services Center at 1-877-760-SONY (1-877-760- 7669).

Symptom	Cause/Remedy
<p>The application I specified does not start automatically, even when I have inserted the Memory Stick media.</p>	<p>MS Gate or MS Autorun is running. → When these applications are running, the auto-run function does not work. If MS Gate or MS Autorun is not running, check the history log for possible problems.</p> <p>There is very little free memory → When there is very little free memory (approximately less than 6 KB), Memory Stick Autorun will not display the history log in order to prevent a system crash. Check the free memory by tapping the Menu icon - App - Info... from Home .</p> <p>The auto-run setting file is invalid. → The auto-run setting file was made in a different version of MS Autorun or has become corrupted. Recreate the setting using MS Autorun.</p> <p>The specified application or database file is not stored in the Memory Stick media. → Copy the required application and database files to the Memory Stick media.</p> <p>There is not enough free memory on your CLIE handheld. → The free memory required to run the auto-run function must be 2.5 times the size of the application.</p> <p>The Memory Stick media is not working properly. → Your Memory Stick media may be damaged and should be discarded. Always use undamaged Memory Stick media.</p> <p>An application that automatically changes the image, such as a game or an image viewer, is running. → After opening the Home screen, reinsert the Memory Stick media.</p>

Symptom	Cause/Remedy
	<p>Stop using the keys, tap or Jog Dial navigator, then reinsert the Memory Stick media.</p> <p>The application is specified in the "Select install DBs" mode.</p> <p>→ When the application is specified in the "Select install DBs" mode, the application will automatically be installed, but will not be started. Be sure to specify if you want the application to start automatically in the "Select launch app" mode.</p>
<p>The application or database files are not deleted even when I remove the Memory Stick media.</p>	<p>In the following cases, the system may not detect the insertion and removal of Memory Stick media.</p> <ul style="list-style-type: none"> • When an application that automatically changes the image, such as a game or an image viewer, is running. • When performing key operation or tap frequently <p>In this case, deletion of data is not performed even if the Memory Stick media is removed. To delete the data, tap Tools of Option menu, then tap Recover.</p>
<p>I want to turn off the sound.</p>	<p>Sound volume can be changed by changing preferences in the System Sound dropdown list. To mute sound, change the setting to Off.</p>
<p>When I remove the Memory Stick media, the application is deleted but the database files remain on my CLIE handheld.</p>	<p>If data has changed after an application starts, you may not be able to delete the file, even if you remove the Memory Stick media.</p> <p>If this occurs, open the Home screen, then remove the Memory Stick media.</p>
<p>I do not hear an event sound when I perform various auto-run operations, but I do hear it when I insert or remove Memory Stick media.</p>	<p>MS Autorun will make an event sound after the various auto-run operations have been successfully performed. The successful event sound only occurs when removing the Memory Stick media. You will not hear the successful event sound in the following cases:</p> <ul style="list-style-type: none"> • Just after setting auto-run for the first time • When auto-run is not performed because MS Autorun or MS Gate is running when inserting the Memory Stick media

Symptom	Cause/Remedy
<p>When I format the Memory Stick media with an auto-run setting through the MS Gate application, the display automatically returns to the Home screen display.</p>	<p>MS Autorun deletes the data copied by the auto-run function when removing the Memory Stick media. You may see this happening when you perform the following procedure:</p> <ol style="list-style-type: none"> 1 Insert the Memory Stick media to start an application automatically. 2 Start MS Gate without removing the Memory Stick media. 3 Format the Memory Stick media. <p>When your unit registers that the Memory Stick media is removed and that formatting is completed, the Home screen is displayed and the auto-run data is deleted from your CLIE handheld.</p>
<p>When tapping Tools under the Options menu, the buttons are not displayed in the Tools dialog box.</p>	<p>The Recover and Delete autorun setting buttons are displayed in the Tools dialog box only if these functions are available.</p> <p>Recover: displays when the auto-run is performed and MS Autorun is started without removing the Memory Stick media.</p> <p>Delete autorun setting: displays when an auto-run setting file is stored in the inserted Memory Stick media.</p>
<p>An error message appears notifying the user that the CLIE internal memory is getting low.</p>	<p>To run MS Autorun, more than 50KB free memory is required.</p> <p>To automatically start an application with MS Autorun, free space of 2.5 times the data size of the application to be installed is required. Be sure to reserve enough free memory.</p>

