Software Guide

P E G - N 7 7 0 C / E

CLIÉ

Notice

Owner's record

The model number and serial number are located at the back of the product. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No.PEG-N770C/E
Serial No._____

Caution

You are notified that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Please contact your nearest Sony dealer regarding the problem you are experiencing with your Sony product.

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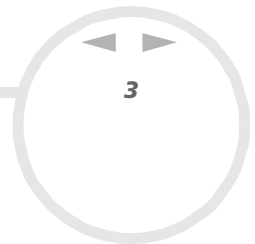
About this manual

The Software Guide describes how to install and use the supplied add-on applications that include:

❏ Audio Player, see Playing audio files (Audio Player)

❏ PictureGear Pocket/PictureGear Lite, see Viewing image files (PictureGear Pocket)

❏ gMovie, see Playing a movie (gMovie player)

❏ MSAutorun, see Setting the Memory Stick™ automatic start function (MSAutorun)

❏ MS Gate, see Exchanging data with the Memory Stick™ (MS Gate)

❏ MS Import/Export, see Copying data to the Memory Stick™ (MS Import/Export)

❏ MS Backup, see Backing up data (MS Backup)

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Playing audio files (Audio Player)

What you can do with the Audio Player

Audio Player is an application used to play audio files on your CLIÉ handheld.

Audio Player Version 2.1: You can play both MP3 (MPEG-1, Audio Layer-3) and ATRAC 3 format audio files. In addition, you can use various playback displays such as Visual Effect view or List view.

✍ Audio Player Ver.2.1 supports MP3 files that meet following specifications:

Format: MP3 ver.1, Layer 3
Sampling frequency: 44.1 kHz
Bit rate: 32 to 128 kbps
File extension: .mp3 or .rmp

Depending on the audio file, you may not be able to play some files even if they meet all the above specifications.

Using Memory Stick™ to play audio files

A Memory Stick™ is required to play audio files on your CLIÉ handheld. There are two types of Memory Sticks™. One is the normal Memory Stick™ (purple), and the other is the MagicGate Memory Stick™ (white).

To play ATRAC 3 format audio files on your CLIÉ handheld, you should use a MagicGate Memory Stick™. Otherwise, you can use the standard Memory Stick™ to play regular MP3 format audio files on your CLIÉ handheld.

For details, see Notes on the Memory Stick™ .

Listening to MP3 format audio files on your CLIÉ handheld

You should use:

❑ Audio Player application for managing MP3 format audio files on your CLIÉ handheld.

❑ Any software for managing MP3 format audio files on your computer. RealJukebox software is supplied on the CD-ROM.

❑ A MagicGate Memory Stick™ or a standard Memory Stick™.

To listen to MP3 format audio files with your CLIÉ handheld, proceed as follows:

1 Install any software for managing MP3 format audio file on your computer.
We recommend RealJukebox supplied with CD-ROM.

2 Prepare any MP3 audio files on your computer.
For detailed instructions, consult the software's manuals or online help.

3 Transfer audio files from your computer to your CLIÉ handheld.

4 Play audio files on your CLIÉ handheld.

Listening to ATRAC3 format audio files managed by OpenMG™ Jukebox on your CLIÉ handheld

You should use:

❑ Audio Player to manage ATRAC3 format audio file on your CLIÉ handheld.

❑ OpenMG™ Jukebox software to manage ATRAC3 format audio file on your computer. It is supplied on the CD-ROM.

❑ MagicGate Memory Stick™ . A standard Memory Stick™ cannot be used.

To listen to ATRAC3 format audio files managed by OpenMG™ Jukebox on your CLIÉ handheld, proceed as follows:

1 Install OpenMG™ Jukebox on your computer. See Installing OpenMG™ Jukebox software .

2 Import audio files into your jukebox. See Importing audio files to your computer .

3   Transfer audio files from your computer to your CLIÉ handheld. See Transferring audio files from your computer to your CLIÉ handheld .

4   Play audio files on your CLIÉ handheld. See Playing audio files on your CLIÉ handheld .

Installing the software

Audio Player is automatically installed on your CLIÉ handheld the first time you install the Palm Desktop for CLIÉ software and perform a HotSync® operation.

System requirements

Before installing RealJukebox software and/or OpenMG™ Jukebox software, make sure that your computer meets the following hardware requirements.

❑   IBM computer/AT or Compatible
  ❑   CPU: MMX™ Pentium® 233 MHz or higher
  ❑   Hard disk drive space: 150 MB or more
  ❑   RAM: 64 MB or higher
  ❑   CD-ROM drive
  ❑   Sound Board
  ❑   USB port
❑   Operating System: Microsoft® Windows® 98/Microsoft® Windows® 98 Second Edition/ Microsoft® Windows® 2000 Professional/ Microsoft® Windows® Millennium Edition
❑   The following environments are not supported:
  ❑   Microsoft® Windows® 95, Microsoft® Windows® NT;
  ❑   A system upgraded from Microsoft® Windows® 3.1/95 to Microsoft® Windows® 98/ Microsoft® Windows® 98 Second Edition/Microsoft® Windows® Millennium Edition;
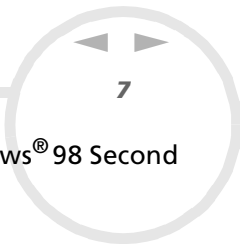
❑ A dual boot with Microsoft® Windows® 2000 and Microsoft® Windows® 98/Microsoft® Windows® 98 Second Edition/Microsoft® Windows® Millennium Edition.

❑ Display: High (16 bit) Color or better (800 x 600 pixels or higher)

❑ Internet access: for Web registration and EMD services

✍ We do not assure trouble-free operation for all computers satisfying the system requirements.

For the protection of copyrights, when you use a computer with an optical digital output connector, the optical connector may be disabled during playback with this software.

For more information on EMD services, see Importing songs via EMD .

Installing RealJukebox® software

To install the RealJukebox2® Basic for Sony software on the hard disk of your computer, proceed as follows:

1 Exit all applications.

2 Insert the installation CD-ROM into the CD-ROM drive of your computer. The setup program should be launched automatically. If it is not the case, browse the CD-ROM using Windows® Explorer and launch setup.exe from the root of the CD-ROM. The setup program starts.

3 Choose the appropriate language.

4 Click **Install CLIÉ Utilities**.

5 Click **Install CLIÉ Audio Software**.

6 Click **RealJukebox for Sony**.
OpenMG installer is displayed, and the installation starts. Follow the instructions displayed on the screen.

7 When the installation is complete, click **Restart**. When the installation ends, your computer is automatically restarted.
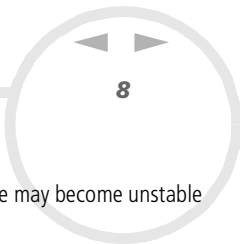
✍ If a message continues to appear during the installing, click the **InstallShield Wizard** on the taskbar.

Do not delete, move, or edit the installed folders using Windows Explorer or any other application. If you do, the RealJukebox Basic database may become unstable or corrupted.

Do not press the **<Alt>** and **<Tab>** keys on your keyboard simultaneously during the installation process.

Setting recording preferences

After installing the RealJukebox software, you have to change recording preferences of the RealJukebox to encode in MP3 audio files.

To change the recording preferences, proceed as follows:

1   Double-click the **RealJukebox** icon on your Windows desktop, or click **Start**, point to **Programs**, **Real**, **RealJukebox**, and then click **RealJukebox**.
RealJukebox starts.
2   Click **Preferences** in the **Tools** menu.
3   Click the **Audio Quality** tab.
4   Click **MP3 Audio** in the **Select a Format group** field.
5   Click **OK**.
6   Exit the **RealJukebox** software.

Installing OpenMG™ Jukebox software

To install the OpenMG™ Jukebox Version 2.2 software on the hard disk of your computer, proceed as follows:

1   Exit all applications and follow the steps below on your computer.
2   Insert the installation CD-ROM into the CD-ROM drive of your computer.
The setup program starts automatically.
3   Choose the appropriate language.

4   Click **Install CLIÉ Utilities**.

5   Click **Install CLIÉ Audio Software**.

6   Click **OpenMG Jukebox**.
The installation starts. Follow the instructions displayed on the screen.

7   When the installation is complete, click **Restart**. The installation ends and your computer is automatically restarted.

✍ Make sure you install the software before placing your CLIÉ handheld, which is in transfer mode, in the cradle. Do not install the software while a dedicated USB cable is connected to your computer.

If the **Installing**: message continues to appear without advancing to the next step for some time, click the **InstallShield Wizard** on the taskbar.

Do not delete, move, or edit the installed folders using Windows® Explorer or any other application. If you do, the OpenMG™ Jukebox database may become unstable or corrupted.

Do not press the **<Alt>** and **<Tab>** keys on your keyboard simultaneously during the installation process.

When you start multiple applications while using the OpenMG™ Jukebox software, your computer's operating speed may become slower. In this case, exit the other applications.

★ If you already had OpenMG™ Jukebox Version.1.x installed; when installation is complete, click **Exit** to close the installation program. Then install the plug-in file.

Notes on using OpenMG™ Jukebox with Windows® 2000 Professional/Windows® Millennium Edition

OpenMG™ Jukebox software users who do have the Windows® 2000 Professional operating system should be aware of the following:

❑   Only Administrators are allowed to install and uninstall the OpenMG™ Jukebox software.

❑   To use the application, log on with the user name Administrator or Power User.

❑   Do not remove or insert a CD-ROM drive connected via a PC card while OpenMG™ Jukebox is running.

❑   Only Windows® 2000 Professional is supported.

❑   Windows® 2000 NTFS format is not supported. Use FAT32 format.

If you perform the **System Restore** function of System Tools on Windows® Millennium, the OpenMG™ Jukebox version 2.2 database may be corrupted and all music files recorded or imported may not play.

To back up and restore all audio files managed by OpenMG™ Jukebox, proceed as follows:

1 Before performing the System Restore function, back up your audio files by using **OpenMG Jukebox Backup Tool**. This prevents unwanted loss of your audio files.

2 After performing the System Restore function, restore your music files by using **OpenMG Jukebox Backup Tool**. This ensures the reliability of playback. For details on using **OpenMG Jukebox Backup Tool**, refer to the online help for OpenMG™ Jukebox.

✍ If songs become unplayable because you executed a System Restore, an error dialog box may be displayed when you try to play a audio file. In this case, follow the messages displayed.

If you already have OpenMG™ Jukebox installed

To play audio files on your CLIÉ handheld, you must have OpenMG™ Jukebox installed.

If you have one of the following devices, OpenMG Jukebox Ver.1.x may already be installed on your computer.

❑ VAIO Music Clip MC-P10

❑ Network Walkman NW-E3

❑ Memory Stick Walkman NW-MS7

Install the plug-in files for your devices. To get the plug-in files, go to http://www.support-nwwalkman.com/

✍ Audio files registered using OpenMG™ Jukebox Version 1.x can automatically be converted to Version 2.2, so you can continue to use them. However, to be safe, backup your audio files using the OpenMG™ Jukebox Backup Tool.

Check in any items that you have checked out using OpenMG™ Jukebox Version 1.x before upgrading. You may not be able to check in an audio file checked out using OpenMG™ Jukebox Version 1.x after upgrading.

When you have installed the OpenMG™ Jukebox Version 2.2 software, do not install OpenMG™ Jukebox Version 1.x to overwrite the existing Version 2.2. If OpenMG™ Jukebox Version 2.2 is overwritten, registered songs may be lost. If the installation is accidentally started, make sure you stop the installation.

If you need to install an older version of the software using its CD-ROM after uninstalling the existing Version 2.2, make sure to back up audio files first, using the OpenMG™ Jukebox Backup Tool so that you do not lose any audio files registered in OpenMG™ Jukebox. For details on how to backup your audio files, see the online Help for OpenMG™ Jukebox.

Importing audio files to your computer

If you manage your audio files with RealJukebox® software

This manual describes the basic operations. For more information regarding RealJukebox®, consult the RealJukebox® FAQ and user help section. It can be found at http://service.real.com/rjoptions.html.
The support service for RealJukebox® is also available through e-mail at http://service.real.com/help/call.html

Recording audio CDs on the hard drive

Audio files recorded and converted into the MP3 format from audio CDs can be registered on the hard disk to Playlists and managed with RealJukebox® software.

To record MP3 files, proceed as follows:

1   Double-click the **RealJukebox** icon on your Windows desktop, or click **Start**, point to **Programs**, **Real**, **RealJukebox**, and then click **RealJukebox**.
    RealJukebox® starts.

2   Insert the CD you want to record into the CD-ROM drive of your computer.
    The **Auto-record** dialog box appears.
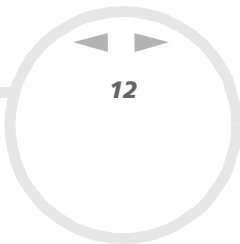
3 Click **Yes, record the CD now** and then click **OK**.
Recording starts. Recorded MP3 format audio files are saved.

4 To pause recording, Click ⏸ (Pause).
The recording is paused.

5 To resume recording, click ⏺ (Record) again.
When recording is resumed, it starts from the beginning of the song that was previously paused.

✍ You cannot play audio files recorded according to this procedure with Audio Player 1.1. Use Audio Player 2.1 to play MP3 format audio files.

If you want to play audio files recorded according to this procedure with Audio Player 1.1, import and convert them into the ATRAC 3 format by OpenMG™ Jukebox software.

To select the songs to be recorded, proceed as follows:

1 Click **No, I do not want to record the CD at this time** in step 3 above.

2 Deselect the check boxes of the songs that you do not want to record.
If you accidentally deselect the check box of a song that you want to record, just select the check box again.

3 Click ⏺ (Record).
Recording starts and only the selected songs are recorded. The first time you click ⏺ (Record),
the **Use of Generic CD-ROM driver** dialog box appears. Click **OK**. Restart your computer after updating the driver.

If you manage your audio files with OpenMG™ Jukebox

Recording audio CDs on the hard drive

Songs recorded from audio CDs can be registered on the hard disk to Playlists and managed with OpenMG™ Jukebox.

To record audio CDs on your hard drive, proceed as follows:

1 Double-click the **OpenMG Jukebox** icon on the Windows desktop, or click **Start**, point to **Programs**, **OpenMG Jukebox**, and then click **OpenMG Jukebox**.
OpenMG™ Jukebox starts.

2 Insert the CD you want to record into the CD-ROM drive of your computer.
The CD window and the tracks of the audio CD appear. If the CD window is not displayed automatically, click the **CD** tab to display the CD window.

3 Select the recording bit rate.
From the drop-down list, select the bit rate for recording. If you accidentally deselect the ☑ check box of a song you want to record, just click the song number again.

4 Confirm that a check mark ☑ appears by the songs you want to record.
To deselect the songs you do not want to record, click the song numbers (track numbers). The ☑ disappears.

5 Click ⏺ (Rec to Jukebox).
The **Select Playlist** dialog box appears.
When you record from an audio CD using your CD-ROM drive for the first time, the **CD Drive Optimization** dialog box appears when you click ⏺ (Record to Jukebox), to indicate that the CD-ROM drive can perform recording properly. Click **Start** to verify your CD-ROM drive. After the verification is performed, recording starts.

6 Register the songs to the Playlist.
If you want to create a new Playlist, click **Create a New Playlist** and type the name of the Playlist you want to create. If you want to add songs to an existing Playlist, click **Add to Playlist** and select the Playlist from the drop-down list.

7 Click **Start Rec**.
Recording starts.

✍ To stop recording, click ⏹ (Rec Stop). The recording is stopped. To resume recording, click ⏺ (Record to Jukebox) again. When recording is resumed, it starts from the beginning of the song that was previously stopped.

In OpenMG™ Jukebox, the bit rate for recording an audio CD ranges from 66 kbps to 105 kbps and 132 kbps. The sound quality and available recording time after the conversion will be different depending on the selected bit rate. A higher value makes the sound quality better, but the size of the recorded data file will be bigger thus shortening the total check out time available on your CLIÉ handheld.
Likewise, a lower value means lower sound quality, but lengthens the total check out time available on your CLIÉ handheld. When you use an optional 128 MB MG Memory Stick™, you can record for approximately the following length of time:
- When you record at 132 kbps: approx. 120 min.
- When you record at 105 kbps: approx. 160 min.
- When you record at 66 kbps: approx. 240 min.

Do not remove your CLIÉ handheld while you use OpenMG™ Jukebox software.

Importing songs via EMD

What is an Electronic Music Distribution (EMD) service?

EMD stands for Electronic Music Distribution, which is a generic name for services that distribute digital audio content via the Internet or other kinds of network.

You must be able to access the Internet from your computer. To use an EMD service, sign up with an Internet service provider, properly configure your computer, and configure the settings of your Web browser before using this service. When the connection to the Internet is set up, view the OpenMG™ Page (http://www.sony.com/support-pa/) using the **Internet** screen of OpenMG™ Jukebox or another Web browser. You can access websites of EMD services linked from the OpenMG Home Page.

To use an EMD service, proceed as follows:

1 Click the **Internet** tab to display the Internet window.
An introduction to the OpenMG™ Home Page appears on the window.

2 Click the button or logo on the window.
The connection to the Internet starts and the OpenMG™ Home Page appears. The OpenMG™ Home Page provides a guide to EMD service websites that support OpenMG™ and information on how to use EMD services.
Refer to this OpenMG™ Home Page for more information about importing audio files using EMD services.

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Donwloading audio files from EMD service Web sites

To download files from EMD service websites, proceed as follows:

1 Display the Web page of an EMD service in the Internet window.

2 Click an audio file for downloading (e.g., MP3 files or WMA files compatible with WMT).
Downloading starts automatically. If you click an audio file that requires purchasing, the default Web browser starts up to display the online transaction page. When the process is complete, the audio file can be imported into OpenMG™ Jukebox.

3 Import downloaded audio files to OpenMG™ Jukebox.
If audio files are imported automatically, they are registered as playlists, determined by the EMD service. If they are not imported automatically, select the audio files you want in the Import window and then import to OpenMG™ Jukebox (see Importing MP3, WAV and WMT format audio files).

✍ Audio files cannot be imported automatically by clicking if you use a Web browser (e.g., Internet Explorer, Netscape, etc.) other than the Internet window of OpenMG™ Jukebox. In this case, after downloading, specify the audio files in the Import window to import them.

It is possible to import audio files from some software such as Liquid Player into OpenMG™ Jukebox. Refer to the OpenMG™ Home Page (http://www.sony.com/support-pa/) for details.

Some Internet settings (e.g., proxy server, etc.) are related to the settings of Internet Explorer. If your computer is set to be used within a firewall, etc., confirm the settings of Internet Explorer before the connection.

When specifying the location to be used to store songs, do not choose a folder on removable media, such as a CD-R, CD-RW, ZIP, etc. Choose a folder on the hard disk of your computer.

Importing MP3, WAV and WMT format audio files

The following audio files can be imported to OpenMG™ Jukebox and converted to the ATRAC3 format.

❑ **MP3 files:** 16 bit MP3 files, mono/stereo, 32 kHz/44.1 kHz/48 kHz.
❑ **WAV files:** linear PCM WAV files, 16 bits, monaural/stereo, 32 kHz/44.1 kHz/48 kHz.
❑ **WMT (Windows Media Technologies) compliant audio files downloaded via EMD:** 16-bit WMT files, monaural/stereo, 44.1 kHz. Depending on the copyright protection, some WMT compliant audio files may not be available for importing.

To import MP3 files to the supplied OpenMG™ Jukebox software using the Windows® 98 operating system, Microsoft® Windows® Media™ Player Version 6.4 or later is necessary. If your operating system is Windows® 98 Second Edition, Windows® Millennium Edition, or Windows® 2000 Professional, Windows® Media™ Player Version 6.4 or later is already installed.

To transfer (checkout) songs to your CLIÉ handheld, it is necessary to convert the audio files to be checked out into ATRAC3 format. Audio files converted into ATRAC3 format can be imported to OpenMG™ Jukebox by using the Import feature. It is also possible to import files in their original format and then convert them into ATRAC3 format when they are checked out.

To import files, proceed as follows:

1 Select **Options** from the **Tool** menu and then click the **Import** tab.
2 From **Store the converted files here**, click **Set location to save the converted EMD file**.
  The **Location to save the file** dialog box appears.
3 Click **OK**.
4 From **File format after import**, select **The setting changes the file format to the best appropriate one for your External Device/Media**.
5 Click **MagicGate Memory Stick Device**.
6 Click **OK**.

7 Click the **Import** tab to display the **Import** window.
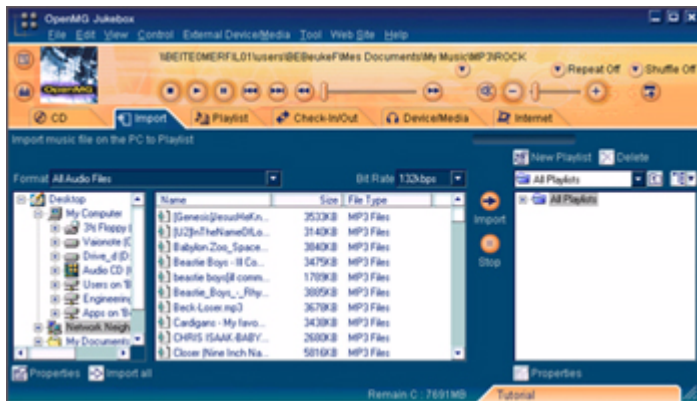
8 Select the audio format you want to import from the **Format** drop-down list.

9 To import data while converting it into the ATRAC3 format, select the recording bit rate Recording audio CDs on the hard drive from the **Bit Rate** drop-down list.
When you select **Convert all to ATRAC 3** from **File format after import** and the recording bit rate in step 4, you cannot change the recording bit rate.

10 In the **File** Tree view, click the folder containing the audio file you want to import.
The audio files in the selected folder are listed in the **File List** view.

11 Click to select an audio file you want to import from the **File List** view.

12 Click to select the Playlist on the right side of the window, and then click ⊕ (Import).
The audio file you selected in step 7 can be imported into the Playlist. Based on the setting made in step 1, the file is imported in its original format or converted into ATRAC3 format.

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✍ The original MP3/WAV files imported are referenced to by the OpenMG™ Jukebox when playing back or checking out the data. Therefore, to prevent moving or deleting the files, copy them to a specific folder on the hard disk before importing them to OpenMG™ Jukebox.
If the original file is stored on removable media and the source media is removed, the following messages are displayed when you try to playback or check out the data.

For playback: **Cannot play selected song. The song file not found**.

For check-out: **Detected song(s)which cannot be checked out**.

When the original file is on a network, the same messages are displayed when your computer is not connected to the network.

When you delete an audio file, note that the original MP3/WAV is also deleted when you select **Delete the song file from the computer**.

★ You can import all of the audio files on the drive dedicated on your computer to OpenMG™ Jukebox at one time. For details, refer to **Importing audio files from your computer - Importing songs** in the OpenMG™ Jukebox Help.

★ If the music title is included in the data, as it is in the ID3 data of MP3 format files, the title is displayed in the **Title** column of the Playlist view of OpenMG™ Jukebox. If the title data is not included, the file name is displayed in the **Title** column.

...

Transferring audio files from your computer to your CLIÉ handheld

Preparing your CLIÉ handheld and placing it in the cradle

To enter into the transfer mode, proceed as follows:

1 After making sure that the write protect tab is not set to LOCK, insert the Memory Stick™ into the Memory Stick™ slot. If you want to transfer and play ATRAC 3 format audio files that are recorded by OpenMG™ Jukebox, use an MG Memory Stick™ (white).
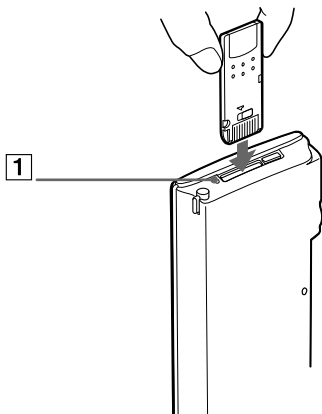
2 With the home screen displayed, rotate the JogDial to select Audio Player and then press the JogDial; or tap the **Audio Player** icon on the home screen.
The Memory Stick™ indicator (1) lights orange while accessing a Memory Stick™. Audio Player starts

3 Place your CLIÉ handheld in the cradle.

4 Tap Menu 🔳, **Options**, and then **Transfer**.
The CLIÉ handheld enters file transfer mode. See Importing MP3, WAV and WMT format audio files .

When you use Audio Player
❑ Once the transfer has started, do not do any of the following until it is complete.
   ❑ Disconnecting the USB cable;
   ❑ Removing the MG Memory Stick™;
   ❑ Removing your CLIÉ handheld from the cradle;
   ❑ Tapping **Exit** on the Audio Player application;
   ❑ Pressing any application buttons on your CLIÉ handheld or the HotSync button on the cradle;
   ❑ Tapping **Home** .
❑ If the Start-Up function of OpenMG™ Jukebox is set to **on**, the OpenMG™ Jukebox software automatically starts if your CLIÉ handheld is in the transfer mode when you place it in the cradle (refer to the online Help for more information.)

Transferring MP3 format audio files to your CLIÉ handheld

After preparing your CLIÉ handheld, you can copy MP3 format audio files to your CLIÉ handheld using Windows Explorer.

To transfer MP3 audio files to the CLIÉ handheld, proceed as follows:

1 Double-click the **My Computer** icon on your Windows desktop.
2 Double-click the **Removable Drive** icon.
3 Double-click the **Palm** folder, then **Programs**, then **MSAudio**.
   If this folder does not exist, create it manually on the Memory Stick™ using Windows Explorer.
4 Drag and drop the MP3 format audio files, which you want to transfer to the MSAudio folder (**S:\Palm\programs\msaudio** assuming that **S:** is the drive corresponding to the Memory Stick™ on your computer).

✍ If your computer does not recognise the Memory Stick™ as a removable disk, you may have to reinstall the OpenMG™ Jukebox software. See the **Read This First** Guide to learn how to proceed.

## *When you use a computer with a Memory Stick™ slot*

When you use a computer with a Memory Stick™ slot, you can copy the MP3 format audio file to the Memory Stick™.

Create the **PROGRAMS**, and then **MSAUDIO** folders on the Memory Stick™, and follow the above-mentioned procedure. When you insert the Memory Stick™ into your CLIÉ handheld, you can play the audio file with the Audio Player.

Transferring audio files managed with OpenMG™ Jukebox

Make sure your CLIÉ handheld has been prepared. You can use only MG Memory Stick™ (white).

To transfer audio files managed with OpenMG™ Jukebox, proceed as follows:

1   Start OpenMG™ Jukebox.
2   Click the **Check In/Out** tab.
     Your computer recognizes the digital music player and a list of audio files appears on the right side of the window.
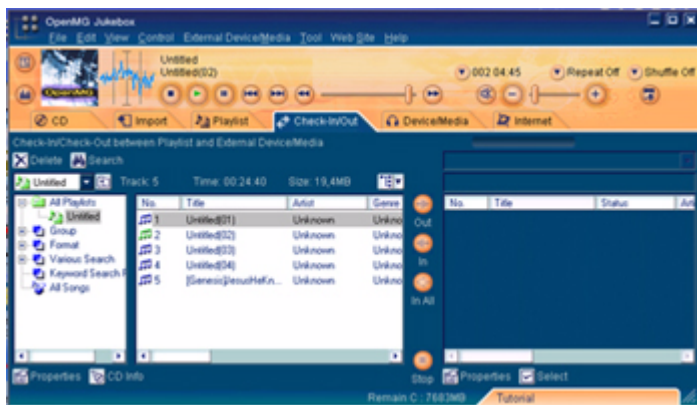
3   Select the Playlist containing the songs you want to check out.
    The songs in the Playlist are listed in the Playlist view in the center of the window.

4   In the Playlist view, select the song to be checked out.
    To check out more than one song at a time, hold down the **<Ctrl>** key and click the songs to be selected.

5   Click ➡ (Out).
    The check out starts and the song is added to the end of the song list on your CLIÉ handheld.
    You can select **1 step mode** or **2 step mode** for checking out audio files. In **2 step mode**, you must click the ⇄ (Start) button after selecting the songs. Refer to the online Help for details.

6   Click ▣ (Stop) to stop check out.

7   When check out is complete, tap **OK** in the **Audio Player's confirmation** dialog box. The transfer mode is canceled and the previous screen appears. If you are using a Windows® 2000 Professional/Windows® Millennium Edition model computer, a warning message appears when you tap **Exit**. In this case, click **OK**.

✍ Once check in has started, do not do any of the following until the check in/out is complete.

Disconnect the USB cable.
Remove the MG Memory Stick™.
Remove your CLIÉ handheld from the cradle.
Tap Exit on the Audio Player.
Press any application buttons on your CLIÉ handheld or the HotSync button on the cradle.
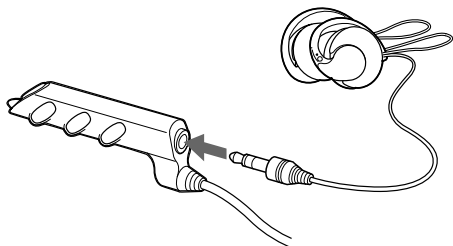Tap **Home** 🏠 .

Playing audio files on your CLIÉ handheld

## Connecting the supplied headphones

The headphones supplied with your CLIÉ handheld include a turning mechanism for easy wearing.

To connect the headphones to your CLIÉ handheld, proceed as follows:

1 Connect the headphones to the mini-plug of the supplied remote control.

2 Connect the connecting cord of the remote control to the headphones jack of your CLIÉ handheld.
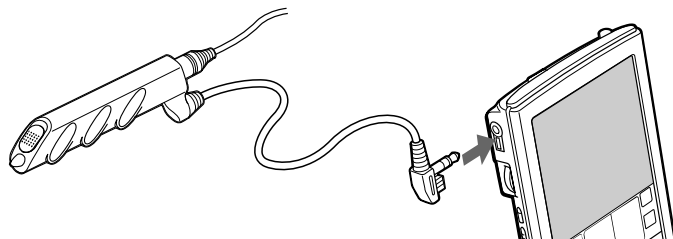
✍ Do not connect equipment that is connected to other equipment such as an amplifier, to the headphones jack of your CLIÉ handheld. It may damage your CLIÉ handheld.

While the headphones are connected to your CLIÉ handheld, system sounds such as warnings or taps are only output to the headphones. In addition, the tap sound is not output from headphones during audio playback or playback stand-by.
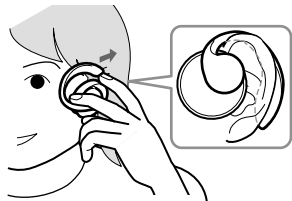
Putting on the headphones
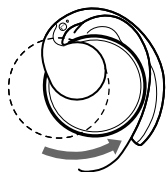
To put on the headphones, proceed as follows:

1 Hold the cap (1) (housing) with your thumb and index finger, rotate the hanger (2) with your middle finger until it opens fully.
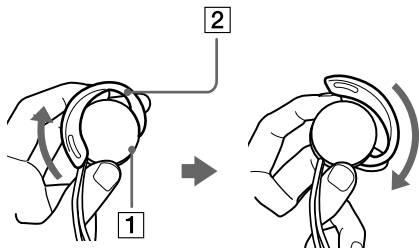
2 Put the hanger on your ear, keeping it open.

3 Pivot the cap (housing) to best fit your ear. Put the hanger with the "R" mark on your right ear, and the hanger with the "L" mark on your left ear.

Playing audio files

Play songs using Audio Player. You can use other applications during playback. Charge the battery before starting playback. The automatic shut-off does not function during playback. If the battery power level runs low, playback stops automatically. In this case, however, you can still use other applications such as Memo Pad or Address Book. Charge the battery before it becomes completely empty.

To play audio files, proceed as follows:

1 After making sure that the write protect tab is not set to LOCK, insert the Memory Stick™ into the Memory Stick™ slot.
If you want to transfer and play ATRAC 3 format audio files that are recorded by OpenMG™ Jukebox, use an MG Memory Stick™ (white).
2 Connect the headphones.
3 With the home screen displayed, rotate the JogDial to select Audio Player and then press the JogDial. Or tap the **Audio Player** icon on the home screen.
Audio Player starts and reads the TOC information including the song name, artist name and so on. Do not remove the Memory Stick™ at this time. If you do, the audio data may be damaged and a malfunction may occur.

❑ Depending on the number of songs stored on the Memory Stick™, it may take several seconds to read the TOC data. You cannot operate Audio Player while it is reading the TOC; this is not a malfunction.

❑ If the write protect tab of the Memory Stick™ is set to LOCK, Audio Player cannot play some songs.

4 Tap ▶ .
Playback starts from the first song. The song information appears during playback. Playback stops automatically when the song reaches the end.
If you cannot start playback, make sure that the **hold** switch on your CLIÉ handheld is not set to **On**.
To stop playback, tap ■ .

CLIE Software Guide

To:	*Do the following:*
Pause	Tap ▪ .
Go to the beginning of the current track	Tap ◄◄ .
Go to previous tracks	Tap ◄◄ repeatedly.
Go to the beginning of the next track	Tap ►►| .
Go to the beginning of succeeding tracks	Tap ►►| repeatedly.
Go backward	Tap ◄◄ continuously.
Go forward	Tap ►►| continuously.
Adjust the volume	Tap ✚ or Tap ▬ . Or turn the Jog Dial. Or use the scroll buttons of the CLIÉ handheld. Or press the scroll buttons of the CLIÉ handheld but only if you select 1 (Volume Control) in the Jog function select screen.
Protect your hearing (AVLS). The AVLS (Automatic Volume Limiter System) function controls the maximum volume to protect your ears.	Tap AVLS .

✍ With a fully charged battery, you can play audio files for the approximate length of the time specified below. The battery life varies depending on the conditions and environment in which you are using your handheld.

If you set the **HOLD** switch to **OFF** and turn the front light up to the maximum level, you can play audio files continuously for about 3 hours.

If you set the **HOLD** switch to **ON**, you can play audio files continuously for about 11 hours.

Since the battery power level falls rapidly during audio playback, the Battery Low warning appears earlier than with normal use. In this case, if you stop audio playback immediately, you may still use other applications.

Playing in various modes

You can play tracks repeatedly, repeat a specific song portion or play tracks in random/reverse order.

To play tracks repeatedly, proceed as follows:

Tap the repeat button to select the repeat playback item.

❏ **REP OFF**: normal playback
❏ **REP ALL**: repeat all tracks
❏ **REP 1**: repeat current playback track

You can use repeat playback during shuffle or reverse playback. For example, when you set shuffle playback to **On** during repeat playback, Audio Player plays all tracks repeatedly in random order.

To repeatedly play a specific song portion, proceed as follows:

1 During playback, tap `A→B` at the repeat starting point.
  The `A→B` icon changes to `A→B` . Playback starts from the first song.
2 Tap `A→B` at the repeat end point.
  The `A→B` icon changes to `A→B` , and repeat playback starts between the specified points.
3 To cancel the A-B repeat function, tap `A→B` to change the icon to `A→B` .
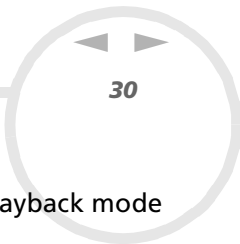
To play tracks in random order/reverse order, proceed as follows:

Tap the repeat button to select the playback item. Each time you tap the playback mode icon, the playback mode changes.

❑ **Continue**: normal playback
❑ **Shuffle**: play tracks in random order
❑ **Reverse**: play backward from the last tracks played

✍ When you tap **Reverse** or **Shuffle**, the playback sound is interrupted for a moment. This is not a malfunction.

Selecting playback audio files (Pick up)

When you use Audio Player, you can select playback audio files.

To select playback audio files, proceed as follows:

1 Tap **Menu** 🖿 , **Tools**, and then **PickUp**.
   The **PickUp** screen appears.
2 Tap to select the check box of the audio file that you want to play.
3 Tap **OK**.
4 Start playback.
   Audio Player plays only selected audio files.
5 To play all audio files, tap **Select All** in the Pick up screen.

Switching the display view

When you use Audio Player, you can switch the display. You can use the following views:

❑ **Normal view:** displays the title and artist name of the audio file currently playing, the number of audio files, and playback controls.

❑ **Visual Effect view:** displays the visual effect or spectrum analyzer with playback progress. Playback controls are also displayed.
In Visual Effect view, you can change the effect by tapping ![VE]. You can also change the effect by tapping the effect screen.

❑ **List view:** displays a title and an artist name of audio files that are stored on the Memory Stick™. Playback controls are also displayed.
In List view, you can play the desired audio file by tapping the file directly. You can also change displayed items by tapping ![VIEW] .
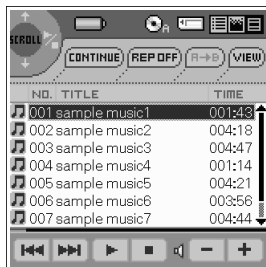
To change the view, tap the icon on the Audio Player.

❑ To change to the normal view, tap ![icon] (normal).

❑ To change to the visual effect view, tap ![icon] (VE).

❑ To change to the list view, tap ![icon] (list).

Switching the JogDial function for Audio Player

You can switch the JogDial function for Audio Player. By simply using the JogDial, you can adjust the volume, go to specific tracks, fast-forward or fast-rewind.

To switch the JogDial function for Audio Player, proceed as follows:

1   Tap the JogDial icon in the top left of the screen, or hold the JogDial down for a few seconds.
The jog function window appears.

2   Tap the setup, or rotate the JogDial to select the setup.

❑   (Volume control): you can adjust the volume by rotating the JogDial. When you press the JogDial, the playback starts/stops.

❑   (AMS): you can go to the beginning of the previous/succeeding tracks by rotating the JogDial. When you press the JogDial, the playback starts/stops.

❑   (Speed): you can go backward/forward by rotating the JogDial. When you press the JogDial, the playback starts/stops.

❑   (Position): you can control the playback point manually by rotating the JogDial. When you press the JogDial, the playback starts/stops.

❑   (Select track): when you use Audio Player in List view, you can select the playback audio file by rotating the JogDial. When you press the JogDial, playback starts from the selected file.

3   Tap **OK**.
The **JogDial** icon at the top left of the screen changes to the icon you selected, and the JogDial function for Audio Player is switched to your choice.

Playing audio files with the supplied remote control

You can start playback even when your CLIÉ handheld is turned off by using the supplied remote control.
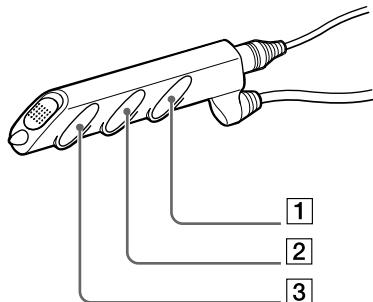
1	Volume adjustment button
2	⏮ (Back)/ ⏭ (Fast forward) button
3	▶ (Play)/ ■ (Stop) button

To play audio files using the remote control, proceed as follows:

1 After making sure that the write protect tab is not set to **Lock**, insert the Memory Stick™ into the Memory Stick™ slot.

2 Connect the headphones.

3 Press ▶ on the remote control.
Playback starts from the first song. Playback stops automatically when the song reaches the end.

4 To stop playback, press ■ on the remote control.

✍ If playback does not start even when you press ▶ on the remote control, hold ▶ down again for a few seconds.

If the remote controller does not work, select the **Enable background play** check box (☑) in the Audio Player **Preferences** screen.

To: *Do the following:*

Pause	Press ▪ .
Go to the beginning of the current track	Press ⏮ .
Go to previous tracks	Press ⏮ repeatedly.
Go to the beginning of the next track	Press ⏭ .
Go to the beginning of succeeding tracks	Press ⏭ repeatedly.
Go backward	Press ⏮ and hold.
Go forward	Press ⏭ and hold.
Adjust the volume	Press + or −.

✍ To prevent the controls from being accidentally operated when you carry the player, use the HOLD function.

Slide the HOLD switch (1) of the remote control to **On**.
None of the controls on the remote control operates.
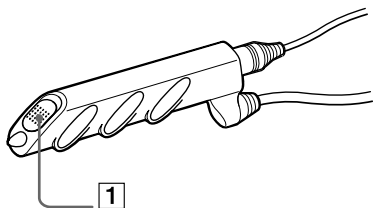
Protecting your CLIÉ handheld from accidental pressure on its controls

To protect your CLIÉ handheld, proceed as follows:

Slide the **Hold** switch (1) of your CLIÉ handheld to **On**.
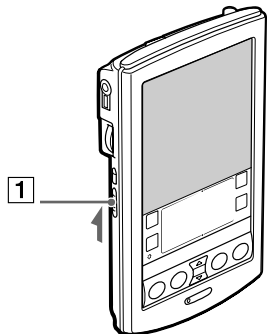
The screen display turns off even during an operation, and none of the controls on your CLIÉ handheld operates.

✎ While the HOLD switch of your CLIÉ handheld is set to **On**, you can only operate the controls of the remote controller.

To make sure that your CLIÉ handheld plays audio while the HOLD switch of your CLIÉ handheld is set to **On**, check the Memory Stick™ indicator of your CLIÉ handheld. If the indicator flashes, your CLIÉ handheld plays audio.

Switching the album (Custom album)

MP3 and ATRAC3 audio files in the MG Memory Stick™ are separately managed as the custom album with Audio Player. If you insert the MG Memory Stick™ that stores both MP3 and ATRAC3 format audio files and start Audio Player, only the ATRAC3 format audio files are displayed and played with the factory setup setting.

To switch the album, proceed as follows:

1 Tap Menu ⯀ , **Tools**, and then **About Memory Stick**.
The album information of the ATRAC3 audio files appears.

2 Tap **MP3**.
The playback album is switched to the MP3 custom album. The next time you start playback, MP3 format audio files stored on the MG Memory Stick™, are played.

3 Tap **OK**.

4 To return to the ATRAC3 custom album, tap **ATRAC3** in step 2.

Changing the background design

You can change your Audio Player's background design by installing add-on sample files (Skin files).

Installing skin files on your CLIÉ handheld

You can install the skin files via your computer's hard disk.
Place your CLIÉ handheld in the cradle, and then install the Palm Desktop for CLIÉ software on your computer from the supplied CD- ROM.

To install skin files on your CLIÉ handeheld, proceed as follows:

1 Double-click the **Palm Desktop for CLIÉ** icon on the Windows desktop.
The **Palm Desktop for CLIÉ software** starts.
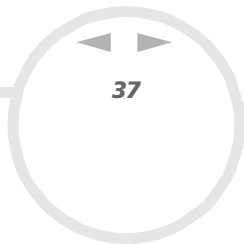
2   Click **Install**.
    The **Install Tool** dialog box appears.

3   Select a user name from the user list.

4   Click **Add**.
    Make sure that the **Add-on** folder is selected. If the **Add-on** folder is not selected, select it manually. At the default setup, the **Add-on** folder is stored in the **Sony Handheld** folder of the **Program Files** folder.

5   Double-click the **AudioPlayerSkin Samples** folder.

6   Double-click to select the skin file of your choice.
    The selected file is added to the File Name list.

7   Click **Done**.

8   Press the HotSync button on the cradle.
    The file specified in step 6 is installed on your CLIÉ handheld during the HotSync operation.

Uninstalling skin files from your CLIÉ handheld

You can uninstall the add-on skin files from your CLIÉ handheld using MS Gate. For details on MS Gate, see Exchanging data with the Memory Stick™ (MS Gate) in this manual.

To uninstall skin files from your CLIÉ handeheld, proceed as follows:

1 Rotate the Jog Dial to select **MS Gate** and then press the Jog Dial. Or tap the **MS Gate** 🔲 icon on the home screen.
MS Gate starts. The data of your CLIÉ handheld is listed.

2 Press the Jog Dial to select **Internal**.
You can also tap the arrow ▼ in the upper right corner to select **Internal** from the drop-down list.

3 Select the **AudioPlayerSkin** file.

4 Tap **Delete**.
The **Delete File** dialog box is displayed.

5 Tap **OK**.
The skin file selected in step 3 is deleted from the CLIÉ handheld.

6 Tap the **Home** 🏠 icon to return to the home screen.

Notes on using RealJukebox™

❑ Do not start OpenMG™ Jukebox and Real Jukebox™ at the same time. If you start both software, audio files on your computer or Memory Stick™ may be damaged and cannot be played.

❑ With the Real Jukebox™ software, you cannot move audio files that are compatible with the **Move Music** feature from the Memory Stick™. Note that if you delete audio files that are compatible with the **Move Music** feature using Real Jukebox™ software, these files are completely erased.
When you want to use the **Move Music** feature, use OpenMG™ Jukebox software. For more information on moving audio files, see the online Help of OpenMG™ Jukebox.

❑ With Real Jukebox™ software, you can play audio files downloaded from the Electronic Music Distribution (EMD) service that support OpenMG™ but you cannot transfer them to your CLIÉ handheld. If you want to transfer these files, use OpenMG™ Jukebox software.

! Using an external CD-ROM (including docking station):
While using Real Jukebox™ software, do not connect/remove the external CD-ROM drive. If you want to connect/remove the CD-ROM drive, turn off your computer, then connect/remove the drive. If you do not, serious malfunction may occur.

Notes on using OpenMG Jukebox™

What is "Check in/Check out"?

After storing audio files on the hard disk of your computer, you can transfer them to a digital music player, such as the CLIÉ handheld, using OpenMG™ Jukebox.

Transferring audio files to a digital music player from your computer is called **check out**. Returning checked out audio files to that computer is called **check in**.

❑ **Check out (1):** You can check out the same song up to three times at any one time.

❑ **Check in (2):** If you check in the song at least once, you can check out the same song again.

1   2
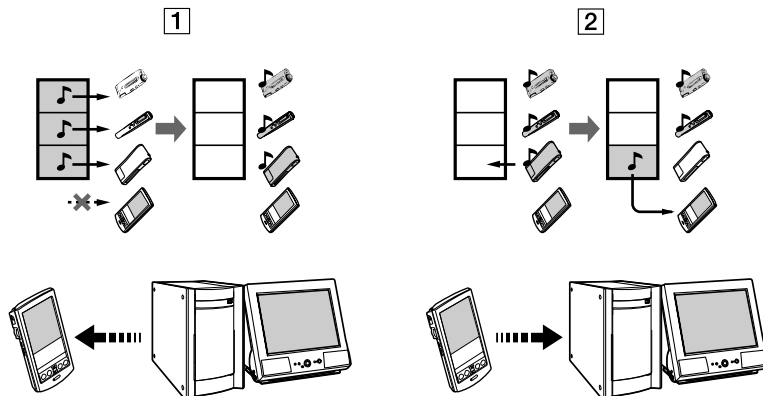
On copyright protection

OpenMG technology allows you to enjoy digital music while respecting the copyrights of its holders. OpenMG Jukebox encrypts audio files in OpenMG format and stores them on the hard disk of your computer to prevent unauthorized distribution.
The copyright protection technology of your digital music player is compliant with SDMI (Secure Digital Music Initiative) specifications.

Your digital music player has some restrictions on recording and playback to protect copyrights. You can check in audio files only to the same computer from which they were checked out. They cannot be copied or checked in to other computers. For details, see Restrictions on copyright protection by OpenMG™ .
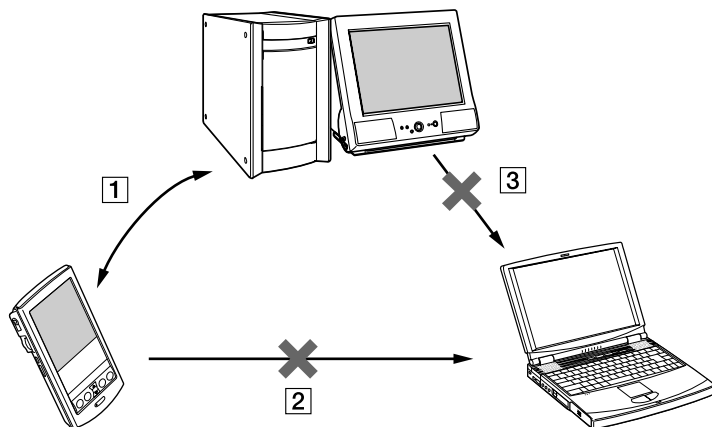
❑ (1) You can check in audio files only to the computer from which they were checked out.

❑ (2) You cannot check in audio files to any computer other than the computer used for check out.

❑ (3) You cannot copy or move audio files to another computer.

Restriction on audio content

High quality digital audio content is widely available through music distribution services on the Internet. To protect the copyrights of its holders from unauthorized distribution, some audio content is distributed with certain restrictions on recording and playback. For example, the playback period or playback count for the data may be limited.

Differences between the HotSync operation and the check in/out procedure

The check in (transferring digital audio files to your computer)/out (transferring digital audio files to your CLIÉ handheld) procedure differs from the HotSync operation in several ways.

When you perform the HotSync operation

❑ Since the HotSync Manager of the Palm Desktop for CLIÉ software manages the operation, the computer recognizes your CLIÉ handheld as a Palm OS® compatible handheld.

❑ You can perform the HotSync operation even when your CLIÉ handheld is turned off.

❑ The data transfer starts when you press the HotSync button on the cradle.

When you perform the check in/out procedure

❑ Since the OpenMG™ Jukebox software manages the operation, the computer recognizes your CLIÉ handheld as a USB Mass storage device.

❑ You cannot perform the check-in/out procedure if your CLIÉ handheld is turned off.

❑ Pressing the HotSync button will stop the data transfer.

Transferring songs from your CLIÉ handheld to your computer (Check in)

You can return audio files recorded on your CLIÉ handheld to the hard drive of your computer (check in). You can return them only to the same computer from which the tracks were checked out.

To transfer songs from your CLIÉ handheld to your computer, proceed as follows:

1 Start OpenMG™ Jukebox and place your CLIÉ handheld in the cradle.

2 With the home screen displayed, rotate the JogDial to select Audio Player and then press the JogDial. Or tap the Audio Player icon on the home screen.
   Audio Player starts.

3 Tap **Menu** 🔳 , **Options**, and then **Transfer**.
   Your CLIÉ handheld enters in transfer mode and your computer recognizes the CLIÉ handheld.

4 Select the song to be checked in from the song list of the MG Memory Stick™ in your CLIÉ handheld.
   To check in more than one song at a time, hold down the **<Ctrl key>** and click the songs to be selected.

5 Click ◄ (In).
   Check-in starts.
   You can select to **1 step mode** or **2 step mode** for checking in audio files. In **2 step mode**, you must click 🔀 (Start) after selecting the songs. Refer to the online Help for details.

6 To stop check in, click ⏹ (Stop).

✍ Once check in has started, do not disconnect the USB cable or the Memory Stick™ until check in is complete. Doing so may damage the data or cause a malfunction.

★ If you want to check in all the audio files on your CLIÉ handheld, click ◄ (In All). All the songs on the MG Memory Stick™ of your CLIÉ handheld are checked in.

Notes on playing audio files

For the latest information on these applications, see the website of the portable audio customer support. (http://www.sony.com/support-pa/)

Installing OpenMG™ Jukebox software from the supplied CD-ROM

Make sure you install the OpenMG™ Jukebox software before connecting the unit to your computer.
If you place your CLIÉ handheld in the cradle and the CLIÉ handheld enters transfer mode before the software is properly installed, your computer selects an inappropriate driver and the unit may not work correctly.

Making backups of songs

When operations that modify the operating system (e.g., system recovery or system restoration) are performed, be sure to use the OpenMG™ Jukebox Backup Tool beforehand to make a backup, and then run the operation. For details, see the online Help.

Notes on system suspend/system hibernation mode

❑ Do not switch to System Suspend/System Hibernation mode during the following modes:
   ❑ recording songs from an audio CD
   ❑ playing songs using OpenMG™ Jukebox
   ❑ placing your CLIÉ handheld in transfer mode in the cradle
❑ If you put your computer in System Suspend/System Hibernation mode during CD recording, file import, check in, or check out, songs may be lost and the system may not be recovered normally.
❑ If you replace the MG Memory Stick™ during System Suspend/System Hibernation mode, songs may be lost when the system resumes.

❑ If you are using Windows® 2000 Professional:
When you put the computer in System Suspend/System Hibernation mode while you place your CLIÉ handheld in transfer mode in the cradle, and OpenMG™ Jukebox is started as soon as the system resumes, the **Cannot initialize OpenMG PD Manager** message may appear.
In this case, click **OK** and then disconnect and reconnect your CLIÉ handheld and restart OpenMG™ Jukebox.

Note on the write protect tab on the MG Memory Stick™

When using OpenMG™ Jukebox, the contents of a Magic Gate Memory Stick™ may not be displayed if you insert it with the write- protect tab locked, even if you then unlock it. In this case, disconnect and reconnect your CLIÉ handheld and restart OpenMG™ Jukebox.

Restrictions on copyright protection by OpenMG™

OpenMG™ Jukebox features OpenMG, a copyright protection technology developed by Sony to protect music copyrights.

OpenMG uses a high-level cryptographic technology to protect music contents with computers.

Users should be aware of the following restrictions:

❑ This product can only be used with a computer on which the supplied OpenMG™ Jukebox software has been installed.

❑ Music recorded on the hard disk using the OpenMG™ Jukebox software cannot be played if copied onto other computers.

❑ Music contents checked out from a computer cannot be played if copied onto other computers.

❑ Music contents checked out from a computer must be checked in to the same computer. You cannot check in to other computers.

❑ Installation of the same OpenMG™ Jukebox software onto other computers is not permitted.

❑ Usage Rules for using music: if a Usage Rule is included in the music by way of the copyright holder or the distributor, operation will be restricted to use permitted by the Usage Rule. For music formats (such as compact discs) that do not contain a Usage Rule, the Default Usage Rule of SDMI will be followed. This Default Usage Rule states that one file can be checked out up to three times only.

❑ On music contents that are not compatible with the OpenMG™ Jukebox software: under the supervision of SDMI, this software prohibits recording of music with a copy prohibition signal.

❑ Upgrading the supplied OpenMG™ Jukebox software: this software has been developed in accordance with the current arrangement between Sony and SDMI. If this arrangement is modified in the future, some of the software functions may become unavailable. Sony may offer an upgrade kit in this case at additional cost to the user.

Notes on the Memory Stick™

TOC (Table of content) reading time depends on the number of songs

When you start Audio Player, the application starts reading the TOC information (the song name, artist name, and so on) of the Memory Stick™

Depending on the number of songs stored in the Memory Stick™, it may take a few seconds to do this. You cannot operate Audio Player while it is reading the TOC information; this is not malfunction.

Using Help files

The supplied software includes three types of Help files

❑ Real Jukebox® Help: Help files on how to use the Real Jukebox® software.

❑ OpenMG™ Jukebox Help: Help files on how to use the OpenMG™ Jukebox software.

❑ CLIÉ Help: Help files on how to use your CLIÉ handheld with the OpenMG™ Jukebox software when it is connected to your computer.

Displaying Help files

You can display the Help files in either of the following ways:

To display the Real Jukebox Help, proceed as follows:

1 Click **Start**, **Programs**, **Real**, and then **Real Jukebox**.

2 Start the **Real Jukebox software**, and then select the Help file from the **Help** menu.

To display the OpenMG Jukebox Help or CLIÉ Help, proceed as follows:

1 Click **Start**, **Programs**, **OpenMG Jukebox**, and then **OpenMG Jukebox Help** or **CLIÉ Help**.

2 Start the **OpenMG Jukebox software**, and then select the Help file from the **Help** menu.

Audio Player menu items

Tools menu

❏ About Memory Stick™: shows the information on the MG Memory Stick™ inserted into your CLIÉ handheld and album information.

❏ About Album: shows the current album information of MP3 audio files or ATRAC3 audio files.
MP3 audio files and ATRAC3 audio files on the (MG) Memory Stick™ are separately managed as Album with Audio Player.
You cannot play both format audio files continuously.
If you want to play a different album, tap **Custom Album**, and then the album you want.

❏ About Track: shows the information for the track being played or selected.

❏ PickUp: shows the PickUp screen to select playback audio files. For details, see Selecting playback audio files (Pick up) .

Options menu

❑ Transfer: sets your CLIÉ handheld to transfer mode.
The transfer mode screen appears and other controls will not operate.

❑ Preferences: shows the preference screen. It contains the following check boxes:

❑ **Enable operation beep**: If you want the beep to sound when you use controls, select the check box.

❑ **Enable background play**: if you want to continue playing audio files while you use other applications, select the check box. If you want to start playback from the remote control, select the check box. Deselect this check box if you want to delete Audio Player.

❑ **Skip tracks with limited playback**: If you want to automatically skip tracks that have playback limitations, (i.e., how many times you can play it), select the check box.

❑ **Reset PB mode by album change**: If you want to reset the playback mode to the default settings when you change the album or the Memory Stick™, select the check box.

❑ **Extended Push**: Changes the function when you push the Jog Dial for a certain length of time. Select the check box of the required function.

❑ **Select JOG Func**: Shows the jog function screen. For details, see Switching the JogDial function for Audio Player .

❑ **Change View**: Switches the display view as follows:
Normal view -> Visual Effect view -> List view -> Normal view ->...
For details, see Switching the display view .

❑ About Audio Player: shows the version information of the Audio Player application.
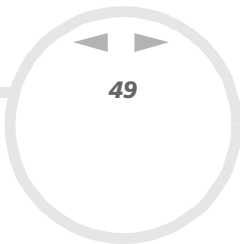
Viewing image files (PictureGear Pocket)

This section explains how to view image files on your CLIÉ handheld.

What you can do with PictureGear Pocket

PictureGear Pocket is a picture album application for your CLIÉ handheld.

Anytime, anywhere...

Using PictureGear Pocket, you can store still image files from various sources including images taken with a digital camera or downloaded from the Internet to your CLIÉ handheld. You can look at your favorite image files anytime and anywhere.

Using PictureGear Pocket to present your creations

You can display image files in a sequence using the Slide Show function. PictureGear Pocket helps you make presentations using illustrations drawn on a computer or image files taken with a digital camera.

Beaming image files...

Use IrDA (Infrared) communication to exchange image files easily with other CLIÉ handheld users. You cannot beam image files to other Palm OS based devices.

Pasting an image file to an address record

You can paste an image to your address information.
For details, refer to the Operating Instructions manual.

Installing PictureGear Pocket

You have to install PictureGear Pocket on your CLIÉ handheld.
The PictureGear Pocket and PhotoStand applications are installed on your CLIÉ handheld when you install the Palm Desktop for CLIÉ software on your computer and perform a HotSync® operation. This section describes how to reinstall the PhotoStand application. If you install PhotoStand, you can use the PhotoStand function.

Installing the PhotoStand application on your CLIÉ handheld

You can reinstall PhotoStand via your computer 's hard disk.

Place your CLIÉ handheld in the cradle, and then install the Palm Desktop for CLIÉ software on your computer from the supplied CD- ROM.

To install the Photostand application, proceed as follows:

1 Double-click the **Palm Desktop for CLIÉ** icon on the Windows desktop.
The **Palm Desktop for CLIÉ software** starts.
2 Click **Install**.
The **Install Tool** dialog box appears.
3 Select a user name from the user list.
4 Click **Add**.
Make sure that the **Add-on** folder is selected. If the **Add-on** folder is not selected, select it manually. At the default setup, the **Add-on** folder is stored in the **Sony Handheld** folder of the **Program Files** folder.
5 Double-click the **PGPocket** folder.
6 Double-click **PhotoStand.prc**.
PhotoStand.prc is added to the **File Name** list.
7 Repeat steps 4 and 5, and double-click **PSLaunch.prc**.
PSLaunch.prc is added to the File Name list.

8 Click **Done**.

9 Press the HotSync button on the cradle.
Files specified in steps 6 and 7 are installed on your CLIÉ handheld during the HotSync operation.

Installing the PictureGear 4.4Lite software on your computer

You can convert the image file stored on your computer using PictureGear Lite. To view image files or movies with your CLIÉ handheld, use PictureGear Pocket or gMovie player.

To install PictureGear Lite on your computer, proceed as follows:

1 Insert the Installation CD-ROM into the CD-ROM drive.
The **installation launcher** window appears.

2 Choose the language.

3 Click **Install CLIÉ Utilities**.

4 Click **Install CLIÉ Image Software**.

5 Click **Install PictureGear Lite**.
The **PictureGear Lite software** installation starts. Follow the onscreen instructions to finish the installation.

6 Click **Exit**.

Starting PictureGear 4.4Lite

To start PictureGear, proceed as follows:

From the **Start** Menu, click **Program Files**, **PictureGear 4.4Lite**, and then **PictureGear Lite**.

For details on how to use PictureGear Lite, see the Help files of the PictureGear Lite software.

Viewing image files stored on your CLIÉ handheld

You can transfer image files taken by a digital still camera or downloaded from the Internet, etc. These items can be managed using PictureGear Lite software on your computer. You can also optimize photos to display on your CLIÉ handheld using PictureGear Lite software before transferring them to your CLIÉ handheld.
For details on how to save image files in the format supported by PictureGear Lite software, refer to the instruction manual of the device or imaging software you are using.

Transferring image files to your CLIÉ handheld

Prepare image files you want to display on your CLIÉ handheld, and then transfer them to your CLIÉ handheld.

To transfer image files to your CLIÉ handheld, proceed as follows:

1 Start PictureGear Lite.
2 Select the image file you want to send.
   You can also select multiple slides by holding down the **<Ctrl>** and **<Shift>** keys while clicking.
3 From the **File** menu, select **Output services** and then install the image during the next HotSync operation.
   The **User name** dialog box appears.
4 Click the arrow ▼ , and then select a user name. If necessary, click **Still settings** and make size and compression settings for the image file you want to send in the **Settings for PictureGear** dialog box.
5 Click **OK**.
   The image file you want to send and the user are registered in PictureGear.
6 Place your CLIÉ handheld in the cradle, then press the **HotSync** button on the cradle.
   The registered image file(s) are automatically sent to the user's CLIÉ handheld during the HotSync operation.

✍ You can also transfer image files to the Memory Stick™ directly. Select **Output CLIÉ handheld** format file to the Memory Stick™ in step 3. To view image files stored on the Memory Stick™, see further on.

Viewing image files with your CLIÉ handheld

To view image files with your CLIÉ handheld, proceed as follows:

1 With the home screen displayed, rotate the Jog Dial to select PG Pocket and then press the Jog Dial. Or tap the **PG Pocket** icon on the home screen. PictureGear Pocket starts.

2 Tap the arrow ▼ at the top of the screen to select **Internal**.

3 Rotate the Jog Dial to display the requested image file, and then press the Jog Dial. Or tap the image directly. The selected image appears.

4 When you want to hide icons displayed at the bottom of your CLIÉ handheld screen, tap ⌧ (hide icons).
When you want to display them again, tap the screen, or press the Jog Dial or the **Back** button.

5 Tap ⌧ (detailed) while the image file is displayed.
Detailed information for the image file appears.

6 When you want to show a memo or detailed information attached to the image file,
tap Menu ⌧ , then tap ⌧ (memo) or ⌧ (detailed).

7 When you want to show another image file, rotate the Jog Dial. Another image file appears.

8 To return to the photo list screen, tap the screen or press the Jog Dial.
To return from the detailed information screen to the image file list screen, tap **Done** in the bottom left-hand corner of the screen or press the Jog Dial or the **Back** button.

Magnifying image files

To magnify image files, proceed as follows:

1 Tap ⌧ while the image file is displayed.

2 Rotate the Jog Dial to magnify the image file.
When you press the Jog Dial, the image file is automatically magnified on the screen. If you rotate the Jog Dial counter-clockwise, the image is magnified. If you rotate the Jog Dial clockwise, the image is reduced.

3 If part of the image is outside the bounds of the screen, you can pan by dragging on the screen with your stylus.

4 To return to the photo list screen, press the **Back** button.

Changing the image file list screen

You can change the image file list screen to display items by name and date, or by thumbnail image.

To display the image file by name and date, proceed as follows:

Tap ▤.

To display the image file list by thumbnail image, proceed as follows:

Tap ▦ .

Displaying image files less than160x160 pixels

These image files are automatically magnified to double their size.

To display image files in their original size, proceed as follows:

1   Tap Menu ▦ .
    The menu icon appears.
2   Tap 🔍 .
    The displayed image file returns to its original size. If you want to magnify the image file again, tap 🔍 .

Viewing image file stored on the Memory Stick™

Image files shot by a digital still camera or digital video camera recorder and recorded on a Memory Stick™ are stored in the DCF format. This format differs from the PGP format, which is standard for PictureGear Pocket software. You can view both PGP format image files and DCF format image files using PictureGear Pocket. In addition, you can convert DCF format image files into PGP format image files, and save them to your CLIÉ handheld or on the Memory Stick™.

To view image files stored on the Memory Stick™, proceed as follows:

1   With the home screen displayed, rotate the Jog Dial to select **PG Pocket** and then press the Jog Dial. Or tap the **PG Pocket** icon on the home screen. PictureGear Pocket starts.

2   Insert the Memory Stick™ into the Memory Stick™ slot.

3   Tap the arrow ▼ at the top of the screen to select **MS**.

4   If you want to view DCF image files taken by the digital still camera etc., tap **DSC**. If you want to view image files converted by the PictureGear Pocket or PictureGear Lite software, tap **PGP**.

★   You cannot move, copy, delete or transfer DCF format image files using the MS Gate application. However, you can convert them into PGP format image files using PictureGear Pocket, and save them to your CLIÉ handheld.

✍   Notes on DCF format:

DCF (Design rule for Camera File system) is an industry standard format for storing image files established by JEIDA (Japan Electronic Industry Development Association).

Using the PictureGear Pocket application, you cannot view image files shot by a device that does not support the DCF format.

DCF format image files are stored in the DCIM directory of the Memory Stick™.

PictureGear Pocket displays thumbnail images (160 x 120 pixels) of DCF format image file. Therefore, the display quality is inferior to that of the real picture.

In order to display clearer pictures with PictureGear Pocket, use PictureGear Lite on your computer when converting the image files to PGP format before storing them on a Memory Stick™.

Saving image files stored on your CLIÉ handheld to a Memory Stick™

To save image files stored on your CLIÉ handheld to a Memory Stick™ (Export), proceed as follows:

1 Display the image file that you want to save.

2 Tap 📇 (Import/Export).
The **Import/Export** dialog box appears.

3 To change the category of the image files, tap the arrow ▼ and select the category.

4 If you want to delete the original image file stored on your CLIÉ handheld, select the **next** check box to remove the original image.

5 Tap **OK**.
The selected image file is saved to the Memory Stick™. If the selected file is in DCF format, it is automatically converted into, and saved in PGP format.

6 To cancel the operation, tap **Cancel** in step 3 above.

To save multiple image files to a Memory Stick™ at once, proceed as follows:

1 In the photo list screen, tap 📇 (Import/Export).
The check boxes used for selecting the image files appear.

2 Tap the check boxes to select the image files you want to save.

3 Tap **Export**.
The **Import/Export** dialog box appears.

4 Tap **OK**.

Saving DSC image files stored on a Memory Stick™ to your CLIÉ handheld

To save DSC image files from a Memory Stick™ to your CLIÉ handheld, proceed as follows:

1 Display the image file that you want to save.

2 Tap ⬚ (Import/Export).
The **Import/Export** dialog box appears.

3 When you want to save a PGP format image file:
To change the category of the image files, tap the arrow ▼ and select the category.
If you want to delete the original image file stored on a Memory Stick™, tap **delete**.

4 When you want to save a DCF format image file
To change the number of colors of the image, select 16-bit or 8-bit colors.

5 Tap **OK**.
The selected image file is converted to the PGP format and saved to your CLIÉ handheld. Depending on the image file, this may take a few seconds.

6 To cancel the operation, tap **Cancel** in step 5 above.

Saving multiple DSC image files to your CLIÉ handheld at once

To save multiple DSC image files to your CLIÉ handheld at once, proceed as follows:

1 In the **photo list** screen, tap ⬚ (Import/Export).
The check boxes used for selecting the image files appear.

2 Tap the check boxes to select the image files you want to save.

3 Tap **Import**.
The **Import/Export** dialog box appears.

4 Tap **OK**.
The selected image files are converted to the PGP format and saved to your CLIÉ handheld. Depending on the image file, this may take a few seconds.

Displaying image files one after another (PhotoStand)

You can display image files one after another when you place your CLIÉ handheld in the cradle (PhotoStand function). You can also use your CLIÉ handheld as a clock by displaying the current time using the PhotoStand application.

Starting PhotoStand

To start PhotoStand, proceed as follows:

1 On the home screen, rotate the Jog Dial to select PhotoStand and then press the Jog Dial or tap the **PhotoStand** icon on the home screen.
   PhotoStand starts.
2 Tap the PhotoStand title that you want to play.
3 Tap **Start.**
   Image files in the selected category appear one after another.
4 To exit PhotoStand, press the Jog Dial or tap the screen.
5 To see the PhotoStand title lists stored on the Memory Stick, select ▼ **MS** in step 2.

Making a PhotoStand Setting

To make a PhotoStand setting, proceed as follows:

1 In the photo list screen of PictureGear Pocket, tap 🖼 (PhotoStand).
   The check boxes used for selecting the image files appear.
2 Select the image file(s) that you want to display with the PhotoStand function.
3 Tap **PhotoStand**.
   The **PhotoStand application** starts, and the **Settings** screen appears.
4 Make your settings:
   ❑ **Title**: Enter the Photo Stand title.

❏ **Sort By**: Select the order in which to display the image files.

❏ **Effect**: Select the transition effect to be used between images or the clock type.

❏ **Display Interval**: Set an interval to determine the length of time an individual image file will be displayed.

❏ **Loop**: If you want to repeat image files automatically from the start, tap to select this check box.

❏ **Autorun**: If you want to start PictureGear Pocket when you insert a Memory Stick™ into your CLIÉ handheld, select this check box. This option appears only if you select the images stored on the Memory Stick™ for the PhotoStand.

5   Tap **Save**.
    The image files that you selected in step 2 and the settings you made in step 4 are saved with a PhotoStand title.

✍ All Display Intervals are not available when you choose some specific effects.

Viewing sample image files

You can view sample image files installed on your computer. Install the CLIÉ Palm Desktop software on your hard disk using the supplied CD-ROM and then place your CLIÉ handheld in the cradle.

To view sample image files installed on your computer, proceed as follows:

1   Double-click the **Palm Desktop for CLIÉ** icon on the Windows desktop.
    The **Palm Desktop for CLIÉ software** starts.

2   Click **Install**.
    The **Install Tool** dialog box appears.

3   Select a user name from the user list.

4   Click **Add**.
    Make sure that the **Add-on** folder is selected. If the **Add-on** folder is not selected, select the folder manually. By default, the **Add-on** folder is stored in the **Sony Handheld** folder of the **Program Files** folder.

5   Double-click the **PGPocket samples** folder.

6 Double-click the sample image file you want to view on the screen of your CLIÉ handheld.
The selected image file name is added to the File Name list. If you want to view other sample images, repeat this step.

7 Click **Done**.

8 Press the HotSync button on the cradle.
The selected sample image files will be installed on your CLIÉ handheld.

9 Start PictureGear Pocket.

PictureGear Pocket menu items

The following items appear when you tap the **Menu** icon.
This section explains the menu commands specific to PictureGear Pocket.

Photo list screen

View menu

❏ List: changes the view of the photo list screen.

❏ PhotoStand: starts the Photostand application.

Image menu

❏ Import/Export: shows the import/export screen.
Select check boxes of the image file(s) you want to import/export. For details, see Saving image files stored on your CLIÉ handheld to a Memory Stick™ (page 56).

❏ Remove: shows the Remove screen.
Select the image file(s) you want to delete. For details, refer to the online manual.

❏ Categorize: shows the Categorize screen.
Select the image file(s) you want to categorize. For details, refer to the online manual.

Options menu

❑ Preference (available only when you view image files stored on a Memory Stick™): shows the Preference screen. Select the default image format.

❑ About PictureGear Pocket: shows the version information of PictureGear Pocket.

Image file screen

View menu

❑ Back: returns to the Photo list screen.

❑ Details: shows detailed information for the image file.

❑ Zoom: magnifies the image file. For details, see Magnifying image files .

❑ First Image: shows the first image file.

❑ Previous Image: shows the previous image file.

❑ Next Image: shows the next image file.

❑ Last Image: shows the last image file.

❑ Show/Hide tool bar: shows/hides the toolbar at the bottom of the screen.

Image menu

❑ Import/Export: imports/exports the currently selected image file. For details, see Saving image files stored on your CLIÉ handheld to a Memory Stick™ .

❑ Delete: deletes the currently selected image file. For details, refer to the online manual.

❑ Beam: beams the currently selected image file to another CLIÉ handheld.

Options menu

❑ Preference: shows the Preference screen.

❑ About PictureGear Pocket: shows the version information of PictureGear Pocket.
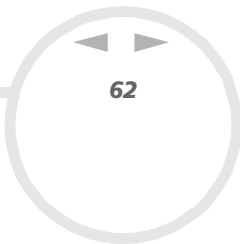
Playing a movie (gMovie player)

This section explains how to play a movie on your CLIÉ handheld.

What you can do with gMovie player software

gMovie is an add-on application which allows you to display or play back video data created using Windows® applications such as PictureGear Lite, on your CLIÉ handheld.

Installing gMovie player

You have to install gMovie player on your CLIÉ handheld. The gMovie player application is installed on your CLIÉ handheld as soon as you install the Palm Desktop for CLIÉ software on your computer and perform a HotSync® operation.

✍ Install PictureGear Lite software on your computer.

After a hard reset , gmovie must be reinstalled manually. See **Installing add-on Applications from the Palm™ Desktop for CLIÉ Software** in the **Read This First** Guide to learn how to proceed.

Playing movies on your CLIÉ handheld

You can play a movie that has been converted to the proper format and then transferred from your computer, or stored on a Memory Stick™. You can enjoy your favorite movies anytime, anywhere.

You can transfer movies shot by a digital still camera or downloaded from the Internet, etc., which are managed by the PictureGear Lite software on your computer. You will need to optimize movies on your CLIÉ handheld with the PictureGear Lite software before transferring.
For details of operations or how to save the movies in the format, which is supported by the PictureGear Lite, consult the instruction manual of the device or imaging software.

CLIE Software Guide
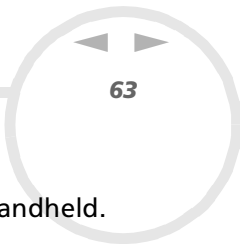
Transferring movies to your CLIÉ handheld

Prepare the items you want to display on your CLIÉ handheld, and then transfer them to your CLIÉ handheld.

To transfer movies to your CLIÉ handheld, proceed as follows:

1 Start PictureGear Lite.

2 Select the movie you want to send.
You can also select multiple slides by holding down the **<Ctrl>** and **<Shift>** keys while clicking.

3 From the **File** menu, select **Output services** and then **Install the image during the next HotSync operation...**.
The **Install the image during the next HotSync** dialog box appears.

4 Click the arrow ▼ , and then select a user name.
If necessary, click **Movie settings** and make size and compression settings for the image you want to send in the **Settings for Movies on CLIÉ Handheld** dialog box.

5 Click **OK**.
The slides you want to send and the user name are registered in PictureGear.

6 Place your CLIÉ handheld in the cradle, and then press the **HotSync** button on the cradle.
The registered slide(s) are automatically sent to the user's CLIÉ handheld during the HotSync operation.

Playing movies

To play a movie, proceed as follows:

With the home screen displayed, rotate the Jog Dial, select gMovie and press the Jog Dial. Or tap the gMovie icon on the home screen.
gMovie player starts.

✍ A welcome screen appears the first time you launch the application, tap **OK** and the movie list screen appears.

To:	*Do the following:*
To start playback	Tap the movie you want to play.
Stop playback	Tap ▌▌ (Stop).
Resume playback	Tap ▶ (Play).
Locate the start point of the movie	Tap ▐◀ (Locate).
Adjust the volume	To turn the volume down, tap the left side of ◀▌▬▮▮▐ (Volume). To turn the volume up, tap the right side of ◀▌▬▮▮▐ (Volume).
Return to the movie list screen	Tap ▤ (Return) in the top right-hand corner of the screen.
Play the next movie	Tap ▶ (Next) in the top right-hand corner of the screen.
Play movies one after another (continuous playback)	Tap ▶ (Next) in the top right-hand corner of the screen for a few seconds. The icon changes into ▷▷ (Continuous), the next movie starts to be played and movies stored on your CLIÉ handheld are played one after another. To return to normal playback, tap ▷▷ (Continuous) for a few seconds.

Using the remote control

To:	Do the following:
Go to next file	Press ▶▶◼ .
Go to previous file	Press ◼◀◀ .
Play	Press ▶▬ .
Stop playback	Press ◼ .
Adjust the volume	Press + or -.

Playing sample movie files

You can view sample movie files installed on your computer. Install the CLIÉ Palm Desktop software on your hard disk using the supplied CD-ROM and then place your CLIÉ handheld in the cradle.

To play sample movie files installed on your computer, proceed as follows:

1 Double-click the **Palm Desktop for CLIÉ** icon on the Windows desktop.
 The **Palm Desktop for CLIÉ** software starts.
2 Click **Install**.
 The **Install Tool** dialog box appears.
3 Select a user name from the user list.
4 Click **Add**.
 Make sure that the **Add-on** folder is selected. If the **Add-on** folder is not selected, select the folder manually. By default, the **Add-on** folder is stored in the **Sony Handheld** folder of the **Program Files** folder.
5 Double-click the **gMovie samples** folder.

6   Double-click the sample movie file you want to play on the screen of your CLIÉ handheld.
The selected movie file name is added to the File Name list. If you want to other sample movies, repeat this step.

7   Click **Done**.

8   Press the **HotSync** button on the cradle.
The selected sample movie files will be installed on your CLIÉ handheld.

9   Start gMovie player.

gMovie software menu items

The following items appear when you tap the **Menu** icon while the movie file is displayed on your CLIÉ handheld screen.
This section explains the menu commands specific to gMovie. For the standard menu, consult the **Using the Edit menu** section in the Operating Instructions manual.

Media list screen
Media menu - About gMovie: shows version information of the gMovie application.

Movie file screen

❑   Media menu: When you tap **Menu** 🖼 in the movie list screen, the following items appear:

   ❑   Details: shows detailed information on the media currently in use.

   ❑   Beam Media: transfers the data contained in the current media to another CLIÉ handheld via the IrDA port. For details about beaming, see the Operating Instructions manual supplied with the CLIÉ handheld.

   ❑   Delete: deletes the media currently in use. Tap **OK** in the **Delete Media** dialog box to delete. Tap **Cancel** to cancel deletion.

   ❑   Preferences: displays options for movie playback:
Loop movie playback: Stops playback when the movie file being played, stops.
When you tap to deselect the check box, the movie being played does not restart automatically.
Limit maximum volume: Limits the playback audio volume if you cannot specify the maximum volume by

tapping ⊏⊣▪❙❙❙⊏ (Volume) or using the supplied remote control.

Audio channels: You can specify the channel to be played. You cannot hear both channels from the one side of the headphones.

Both: When you are using both the left and right headphones, select this to enjoy both channels of the movie's audio.

Left: When you are using just the left headphone, select this to have just the left channel of the movie's audio coming from the left headphone.

Right: When you are using just the right headphone, select this to have just the right channel of the movie's audio coming from the right headphone.

❏ About gMovie: shows version information of the gMovie application.

✍ You cannot have both channels of the movie's audio come from just the left or the right headphone.

Setting the Memory Stick™ automatic start function (MSAutorun)

This section explains how to set the Memory Stick™ automatic start function on your CLIÉ handheld.

What you can do with the MSAutorun application

Memory Stick™ Autorun (hereafter referred to as MSAutorun) is an add-on application, which allows your CLIÉ handheld to copy and start a specified application automatically when a Memory Stick™ is inserted into the CLIÉ handheld. Removing the Memory Stick™ automatically deletes the application copy from the memory of the CLIÉ handheld. MSAutorun functions as a virtual memory to use the memory of the CLIÉ handheld effectively.

❑ **Starting an application (.prc) on the CLIÉ handheld automatically:**
When you use a digital still camera that is compatible with the Memory Stick™, you can view your images by inserting the Memory Stick™ into the CLIÉ handheld. In this example, you would use the auto-run setting to start the PictureGear Pocket application on your CLIÉ handheld.

❑ **Starting an application (.prc) on a Memory Stick™ automatically:**
This setting is for automatically starting an application, which does not access any data, such as a game application, or an application, which accesses data on the CLIÉ handheld (not on the Memory Stick™).

❑ **Starting a pre-selected application (.prc) and related database files (.pdb, .prc) on a Memory Stick™:**
This setting automatically displays a specific image or file with an application such as an image viewer or a document reader. You need to specify an application and the related database files before using this autorun setting.

❑ **Starting an application (.prc) on the CLIÉ handheld automatically with specific database files (.pdb, .prc) on a Memory Stick™:**
This setting is used when the application is located on the CLIÉ handheld and the corresponding database files are located on a Memory Stick™. You can also display the data automatically by inserting the Memory Stick™ into your CLIÉ handheld.

★ If you specify PictureGear Pocket as an auto-run application, tap the arrow ▼ at the top 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.

✍ The MSAutorun application is pre-installed, you do not have to install it yourself.

We do not recommend using MSAutorun with the Address Book, Date Book, To Do List, Memo Pad Calculator or Mail application. Problems may occur if the data of these applications does not remain on your CLIÉ handheld when you perform a HotSync® operation.

The specified application may not start automatically depending on the application in use when you insert the Memory Stick™ into your CLIÉ handheld. In this case, return to the home screen, and then insert the Memory Stick™ again.

Setting Auto run for an application

To automatically start an application stored on a Memory Stick™, perform the following procedure. This explains the example where the PictureGear™ Pocket application is set to start automatically when a Memory Stick™ containing photos is inserted into the CLIÉ handheld.

To set Auto run for an application, proceed as follows:

1 Install an application you want to start automatically (PictureGear™ Pocket for example) on the CLIÉ handheld.
2 Insert the Memory Stick™ for which you want to set the **autorun** function into the Memory Stick™ slot.
3 With the home screen displayed, rotate the Jog Dial to select **MSAutorun** and then press the **Jog Dial**.
   MSAutorun starts. Or tap the **MSAutorun** icon on the home screen.
4 Press the **Jog Dial**.
   The application list on your CLIÉ handheld appears.
5 Tap the application (PictureGear™ Pocket) for which you want to set the auto-run function.
6 Tap **Set**.
   The setting is stored on the Memory Stick™, and the confirmation dialog box appears.
7 Tap **OK**.
   The auto-run setting is completed.
8 Tap **Home** 🏠 to return to the home screen.
9 Remove the Memory Stick™.
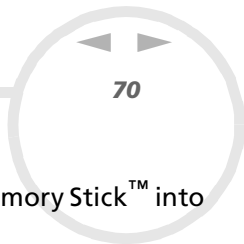
Using the auto-run function with this example

If you have performed the above procedure, when the home screen is displayed and you insert the Memory Stick™ into your CLIÉ handheld, the PictureGear™ Pocket application starts automatically.
If you remove the Memory Stick™, the PictureGear™ Pocket quits automatically and the home screen appears again.

✍ If **Internal** is displayed at the top of the PictureGear™ Pocket screen during the operation described above, the image files stored on your CLIÉ handheld are displayed.
To view image files stored on the Memory Stick™, tap the arrow ▼ at the top of the screen to select **MS**.

Starting the application on the Memory Stick™

To automatically start the application on the Memory Stick™, proceed as follows:

1 Install the gMovie application.
   To install the application, see the Operating Instructions manual for the CLIÉ handheld.

2 Insert a Memory Stick™.

3 Start **MS Gate** from the **Home** screen.

4 Tap **gMovie** from the displayed CLIÉ handheld side list.

5 Tap **Move**.
   The gMovie application and specified database files are moved on the Memory Stick™ and deleted from the CLIÉ handheld memory.
   Make sure you are in the \PALM\LAUNCHER folder.

6 Return to the **Home** screen to start **MSAutorun**.
   The list of applications on the Memory Stick™ appears.

7 Press the Jog Dial.

8 From the list displayed, tap **gMovie**.

9 Tap **Set**.
   The setting is stored on 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™.

✍ This example describes how to set gMovie. To prepare a movie on gMovie, see Playing movies .

The gMovie application is not preinstalled on your CLIÉ handheld.

Starting applications or associated data files on the Memory Stick™

This example describes the settings for gMovie for movie viewer and its data files.

To start the application automatically and open the corresponding data file on the Memory Stick™, proceed as follows:

1 Install the application (gMovieSonyE. prc) and its movie data files (. pdb) on the CLIÉ handheld.
2 Insert the Memory Stick™ into the Memory Stick™ slot.
3 From the CLIÉ handheld **Home** screen, start **MS Gate**.
4 From the list displayed, tap **gMovie** and then **movie data** file.
5 Tap **Move**.
The specified application and database files, which will be deleted from the CLIÉ handheld, are copied on the Memory Stick™. Make sure you are in the folder\PALM\LAUNCHER.
6 Return to the **Home** screen to start **MSAutorun**.
The list of applications stored on the Memory Stick™ appears.
7 From the list displayed, tap **gMovie**.
8 Tap the **Select launch app** drop-down list and 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**.
The setting is stored on the Memory Stick™, and the **Autorun setting** display appears.

11 Tap **OK**.
The auto-run setting are made for gMedia. The specified database file are displayed.
Afterwards, return to the Home screen, and remove the Memory Stick™.

✍ Removing the Memory Stick™ does not update the database files on the Memory Stick™. Proceed with caution when the application needs to be updated.

The gMovie application is not preinstalled on your CLIÉ handheld.

Specifying the data file on the Memory Stick™ to start applications automatically

This example describes the setting for gMovie and its sample data files.

To specify the data files on the Memory Stick™ to start the application on the CLIÉ handheld automatically, proceed as follows:

1 Install the gMovie application on the CLIÉ handheld.

2 Insert the Memory Stick™ into the Memory Stick™ slot.

3 From the **Home** screen, start MS Gate.

4 Tap **gMovie** from the list displayed.

5 Tap **Move**.
The specified data files, which will be deleted from the CLIÉ handheld memory, are copied on the Memory Stick™.
Make sure you are in the folder \PALM\LAUNCHER.

6 Return to the **Home** screen to start **MSAutorun**.
The list of applications on the Memory Stick™ appears.

7 Tap **gMovie** from the list displayed.

8 Tap the **Select launch app** drop-down list and then tap **Select install DBs**.
The list of applications and database files appear.

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

10 Tap **Set**.
The setting is stored on the Memory Stick™, and the **Autorun setting** display appears.

11 Tap **OK**.
The setting to start the example on the CLIÉ handheld automatically displays the specified database files.
Afterwards, return to the **Home** screen to remove the Memory Stick™.

✍ The gMovie application is not preinstalled on your CLIÉ handheld.

Performing an auto-run function

To perform an auto-run function, proceed as follows:

1 Insert the Memory Stick™ into the Memory Stick™ slot.
The **Now Loading** dialog box appears, and the specified application and database files will be copied to the CLIÉ handheld. When the copying process is complete, the application will automatically start.
Do not remove the Memory Stick™ when the **Now Loading** dialog box is displayed.

2 Use the launched application.

3 When you have finished using the application, remove the Memory Stick™.

4 The application closes, and you will return to the **Home** screen. The application and database files will automatically be deleted from the memory of the CLIÉ handheld.

✍ The auto-run function does not work if you insert a Memory Stick™ into your CLIÉ handheld during infrared data transfer or the check in/out operation with Audio Player while MS Gate or MSAutorun is running.

Data on the Memory Stick™ is not updated after the Memory Stick™ is removed.

You cannot delete the data that MSAutorun copies on your CLIÉ handheld if the Memory Stick™ is removed during the check in/out operation with Audio Player while the PictureGear Pocket application is running. In this case, go to the **Tools** menu in MSAutorun and tap **Recover**. Sony recommends that you go to the **Home** screen before removing the Memory Stick™.

Viewing the MSAutorun history log

When you insert or remove a Memory Stick™ to perform the auto-run function, a history log is created on the CLIÉ handheld (MSAutorun_log). If auto-run fails, it is useful to check the history log for information.

To check the history log for information, proceed as follows:

1 From the **Home** screen, start **MSAutorun**.

2 Tap the **Menu** 🔳 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**.

✍ The stored log is cleared each time a Memory Stick™ is inserted.

Changing settings

Canceling the auto-run function temporarily

When you need to rearrange data stored on several Memory Sticks™, you may not want applications to automatically start. You can temporarily cancel the auto-run feature.

To temporarily cancel the auto-run feature, proceed as follows:

1 From the **Home** screen, start **MSAutorun**.

2 Tap the **Menu** 🔳 icon.

3 Tap **Preferences**.
The **Preferences** dialog box appears.

4 Select the **Disable** check box in Autorun.

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5   Tap **OK**.
The auto-run function is temporarily canceled.

★   To enable the auto-run function, perform steps 1-3, listed above. Deselect the **Disable** check box.

Deleting the auto-run setting

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

To delete the auto-run setting, proceed as follows:

1   From the **Home** screen, start **MSAutorun**.
2   Insert the Memory Stick™ into the Memory Stick™ slot.
3   Tap the **Menu** 🔳 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**.

✍   The auto-run setting of MSAutorun is stored in the file named "\PALM\DEFAULT.ARN" on the Memory Stick™. You can delete auto-run settings by deleting this file using your computer.

MSAutorun menu items

Menu Commands

The following Options menu is displayed by tapping the **Menu** ▣ icon when MSAutorun is running:

❑ Display log: when a Memory Stick™ is inserted or removed from your CLIÉ 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 MSAutorun is started without removing the Memory Stick™. You can delete the application and database files copied on your CLIÉ handheld.

   ❑ Delete autorun setting: this button is displayed when the auto-run setting file is stored on the inserted Memory Stick™. You can delete the auto-run setting on the Memory Stick™.

❑ Preferences: displays the **Preferences** dialog box. The following items appear on this dialog box:

   ❑ Autorun: ☐ Disable: you can temporarily cancel the auto-run function.

   ❑ MS List: you can switch the format of the list of data on the Memory Stick™.

❑ About MSAutorun: the version information of the MSAutorun application is displayed.

Exchanging data with the Memory Stick™ (MS Gate)

The Memory Stick™ allows you to exchange data between your CLIÉ handheld and your computer or a digital camera that supports Memory Stick™. To exchange data with the Memory Stick™, your CLIÉ uses the pre-delivered Memory Stick™ Gate (MS Gate) software.

Preparing the Memory Stick™

You need to create a basic folder (default folder) on the following Memory Sticks™ before you can start using them:

❑ Memory Sticks™ that you are going to use with MS Gate Ver.2.1 for the first time.

❑ Memory Sticks™ that you have just formatted.

A default folder is a basic folder used to write or read data using MS Gate Ver.2.1. A folder named \PALM\PROGRAMS\MSFILES is created on the Memory Stick™.

To prepare the default folder on the Memory Stick™, proceed as follows:

1 Insert a Memory Stick™ into the Memory Stick™ slot of the CLIÉ handheld.

2 Start MS Gate from the **Home** screen of the CLIÉ handheld.

3 Tap the **Menu** icon, and then select **Create Default Folder**.

Starting MS Gate

You can copy, move or delete data on your CLIÉ handheld. This is also possible on a Memory Stick™ using MS Gate. You can find the files on your Memory Stick™ stored under the directory: \PALM\PROGRAMS\Msfiles). You can also copy, move or delete data stored in other directories on your Memory Stick™.

To start MS Gate, proceed as follows:

1 Tap the **Home** icon 🏠.
   The **Application Launcher** appears.
2 Rotate the Jog Dial™ and select **MS Gate**.
3 Press the Jog Dial™.
   MS Gate starts up and data lists appear on the CLIÉ handheld screen.

	Icon	Definition
1.	▣ Internal	Tap this icon to view the CLIÉ handheld or Memory Stick™ content information.
2.	▼ Size	With each tap of the icon, the content information switches between the CLIÉ handheld and the Memory Stick™. **Type:** kind of file **Size:** size of file **Creator:** creator ID of file **Version:** version of file
3.	🔒 (lock)	Displays the files that belong to the same creator (ID) as one grouped item.
4.	▣ (info)	Tap the icon to view the CLIÉ handheld or Memory Stick™ content information.

✍ If the **Handheld Full** dialog box appears during start-up, no data is shown. In order to increase the space, delete unnecessary data or applications from your CLIÉ handheld.

Notes on copying and deleting MS Gate data

If you move or delete a part of the data file, the applications on the CLIÉ handheld may stop operating or the data might be cleared. When you delete part of the data file, the operation of the applications and the data contents on the CLIÉ handheld are not guaranteed.
Do not move or delete the following data files from the CLIÉ handheld:

❑ Saved Preference: The latest operating circumstances and settings of various applications are saved.

❑ Unsaved Preference: The settings of various applications and user information of the CLIÉ handheld are saved. If you delete this file, the next HotSync® operation may not work correctly.

❑ NetworkDB: Networking settings. If you delete this file, you will not be able to access the Internet.

❑ AddressDB: Address Database files.

❑ DatebookDB: Datebook Database files.

❑ MemoDB: Memo Database files.

❑ ExpenseDB: Expense Database files.

❑ MailDB: Mail Database files.

❑ ToDoDB: ToDo Database files.

✍ These database files can be copied and backed up on a Memory Stick™. Note however, that if the backup data is moved back to the CLIÉ handheld, the data stored on the CLIÉ handheld is replaced by the backup data, and any data added or revised on the CLIÉ handheld since the data backup, will be erased.

MS Gate commands

MS Gate uses unique menu commands for exchanging data between a CLIÉ handheld and a Memory Stick™.

Tools menus

The content of the **Tools** menu depends on the displayed screen.

❏ **Select all**: Selects all data displayed in the tab you select.
❏ **Clear all**: Cancels the selected data.
❏ **Move**: Moves selected data to the CLIÉ handheld or Memory Stick™. The **Move files** screen appears. Tap **OK** to move the selected data.
❏ **Copy**: Copies selected data to the CLIÉ handheld or Memory Stick™. The **Copy files** screen appears. Tap **OK** to copy the selected data.
❏ **Delete**: Deletes selected data from the CLIÉ handheld or Memory Stick™. The **Delete files** screen appears. Tap **OK** to delete the selected data.
❏ **Rename**: Changes the file or folder names on the Memory Stick™.
❏ **Create Folder**: Adds a new folder to the current folder (selected folder) on the Memory Stick™.
❏ **Create Default Folder**: Creates a \PALM\PROGRAMS\MSFILES folder.
❏ **Change to Default Folder**: Returns to the \PALM\PROGRAMS\MSFILES working folder. The default folder is a basic working folder of MS Gate.

Option menus

❏ **Format**: Formats the Memory Stick™ inserted in your CLIÉ handheld.
❏ **Media Information**: Displays the memory information of the Memory Stick™.
❏ **About MS Gate**: Shows the version information for MS Gate.

Copying data from your CLIÉ handheld to the Memory Stick™

Not only can you save data on your computer using HotSync®, but you can also save data from your CLIÉ handheld to a Memory Stick™ using MS Gate.

To copy data from the CLIÉ handheld to a Memory Stick™, proceed as follows:

1 Insert a Memory Stick™ into the CLIÉ handheld.

2 Tap the **Home** icon.
The **Application Launcher** appears.

3 Rotate the Jog Dial™ and select MS Gate, then press the Jog Dial™.

Alternatively, press the MS Gate icon.
MS Gate starts, and a list of the data stored on the CLIÉ handheld, is displayed.

1.	Select all	Selects all the files between the first and last file you select. It copies all data as one batch.
2.	Clear all	Cancels the selection of selected data.
3.	Copy	Copies the selected files.
4.	Move	Moves the selected files. Choose this option to save memory space on the handheld.
5.	Delete	Deletes the selected files. The data on the CLIÉ handheld is deleted after saving on the Memory Stick™.

4 Select the data you want to copy to the Memory Stick™.

5 Tap **Copy**.
The data you have selected is copied to the Memory Stick™.

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✎ A Memory Stick™ cannot be used while the remaining battery power is low, because duplicating data consumes battery power. In that case, connect the AC adapter.

You can tap and select multiple files.

You cannot copy data marked with the lock symbol 🔒.

If there is not much free memory space on the CLIÉ handheld, we recommend that you move the data, instead of copying it to the Memory Stick™.

Copying data from the Memory Stick™ to your CLIÉ handheld

You can use MS Gate to copy data saved on a Memory Stick™ to your CLIÉ handheld.

To copy data from a Memory Stick™ to the CLIÉ handheld, proceed as follows:

1 Insert the Memory Stick™ into your CLIÉ handheld.

2 Tap the **Home** icon.
The **Application Launcher** appears.

3 Rotate the Jog Dial™ and select **MS Gate**, then press the Jog Dial™.

Alternatively, tap the MS Gate icon 📇 .
MS Gate starts and a list of the data stored on the CLIÉ handheld, is displayed.

4 Press the Jog Dial™ and select **MS**.
Alternatively, select **MS** from the drop-down list ▼ in the top right-hand corner.
A list of the data stored on the Memory Stick™ is displayed.

5 Select the data you want to copy to the CLIÉ handheld. Use **Select All** to copy all the data at once.

6 Tap **Copy**.
The **Copy File** dialog box is displayed.

7 Tap **OK**.
The data you selected from the Memory Stick™ is copied to the CLIÉ handheld.

✎ Make sure your CLIÉ handheld has enough memory space before copying.

To cancel all the selections, tap **Clear All**. To clear the selection of individual selected items only, tap them one at a time.

Deleting data from the Memory Stick™

You can delete unnecessary data saved on the Memory Stick™ by using MS Gate.

To delete data on a Memory Stick™, proceed as follows:

1 Insert the Memory Stick™ into your CLIÉ handheld.
2 Tap the **Home** icon .
3 Turn the Jog Dial™ and select **MS Gate**, then press the Jog Dial™.

   Alternatively, tap the MS Gate icon .
   MS Gate starts and a list of data stored on the CLIÉ handheld is displayed.
4 Press the Jog Dial™.
   A list of the data stored on the Memory Stick™ is displayed.
5 Select the data you want to delete.
6 Tap **Delete**.
   The data you selected is deleted from the Memory Stick™.

Installing applications to/from the Memory Stick™ without MS Gate

You can copy and install applications to/from a Memory Stick™ from/to your CLIÉ handheld from the **Application Launcher** screen.

However, observe the following points, as malfunction may occur depending on the application.

❏ You can only copy application files (files with extensions such as .prc, .pdb) with the following procedure. Related files will not be copied together at the same time.
❏ Data stored on the Memory Stick™ (such as image files) will not be displayed.

To copy an application files to/from your Memory Stick™, proceed as follows:

1 Insert the Memory Stick™ into the Memory Stick™ slot of your CLIÉ handheld.
The contents of Memory Stick™ are displayed.

2 Tap the **Menu** icon on your CLIÉ handheld.

3 Tap **Copy** from the drop-down list.
The **Copy** dialog box appears.

4 Tap the down arrow next to **Copy to**, and select either **Handheld** or **Card**.

5 Tap the application you want to install.

6 Tap **Copy**.
The selected application is installed onto your CLIÉ handheld.

✍ You do not necessarily have to install add-on applications to the CLIÉ handheld in order to use it. If you want to save the CLIÉ handheld's memory space, you can simply tap to select the application in step 1. (Note that such applications can only be used while the Memory Stick™ containing the application is inserted in the CLIÉ handheld).

When installing applications without MS Gate, you can only start application files (files with extensions such as .prc, .pdb). Image files and movie files that come with the application, cannot be started.

If you cannot start the installed file data, move the file data to the CLIÉ handheld using MS Gate, or delete the files. If you do not use MS Gate when installing, applications and data files are stored in the **PALM/Launcher** folder.

Copying data to the Memory Stick™ (MS Import/Export)

This section explains how to copy the data from your computer to the Memory Stick™ of your CLIÉ handheld directly without performing a HotSync operation.

What you can do with the MS Import/Export applications

Both Memory Stick (MS) Import and Memory Stick (MS) Export are applications designed to help you copy the data from your computer to the Memory Stick™ on your CLIÉ handheld directly without performing a HotSync operation.

❑ When copying the data from your computer
You have to use both the MS Import application on your CLIÉ handheld and the MS Export software on your computer at the same time.

❑ Before using MS Import/Export
The MS Import application is installed on your CLIÉ handheld when you install the Palm Desktop for CLIÉ software on your computer and perform a HotSync® operation. You also have to install the MS Export software on your computer.

❑ Installing CLIÉ applications without performing a HotSync operation
Using MS Import/Export, you can install application files (.prc or .pdb) on your CLIÉ handheld without performing a HotSync operation.

❑ Using your CLIÉ handheld as a removable disk
Using MS Import/Export, you can use your CLIÉ handheld as if it was a removable disk from the Windows desktop of your computer. You can not only read the data stored on the Memory Stick™ on your CLIÉ handheld from your computer, but also write data on the Memory Stick™ from your computer.

Installing MS Import/Export

You need to install the MS Export software on your computer (the MS Import application is installed on your CLIÉ handheld when you install the Palm Desktop for CLIÉ software on your computer and perform a HotSync® operation). This application is installed on your computer when you install the Palm Desktop for CLIÉ software. If you uninstalled it, follow the following procedure to reinstall it.

To install the MS Export software on your computer, proceed as follows:

1 Insert the installation CD-ROM into the CD-ROM drive of your computer.
   The setup program starts automatically.
2 Choose the language.
3 Click **Install CLIÉ Utilities**.
4 Click **Install Memory Stick Export**.
   The installation starts. Follow the instructions displayed on the screen. When the installation is complete, the installation screen reappears.
5 Click **Exit**.
   The installation of **MS Export** software ends.

Installing CLIÉ applications using MS Import/Export

You can install applications for your CLIÉ handheld on the Memory Stick™ without performing a HotSync operation, if you use MS Import/Export.

To install applications on the Memory Stick™, proceed as follows

1   Make sure MS Import is installed on the CLIÉ.

2   Connect the cradle to a computer in which you have installed the MS Export software.

3   Insert a Memory Stick™ into your CLIÉ handheld.

4   Place your CLIÉ handheld in the cradle.

5   On the home screen, rotate the Jog Dial to select MS Import and then press the Jog Dial™.
    MS Import starts. Alternatively, tap the MS Import icon on the home screen.

6   Drag and drop add-on application files (.prc or .pdb) for your CLIÉ handheld to the **MS Export shortcut** icon on your Windows desktop. These files are automatically copied to the appropriate folders.
    If the application file type could not be recognized by the MS Export, the **registration** dialog box appears.
    In this case, enter the application name and destination folder to which the application will be copied.

7   When you have finished, tap **Disconnect** or tap **Home** .

✍ Do not remove the Memory Stick™ while connecting to your computer.

If your computer's operating system is Windows® 2000 Professional or Windows® Millennium Edition, a warning message appears when you tap **Disconnect** on your CLIÉ handheld. Click **OK**, and then continue the operations.

To confirm the contents of the Memory Stick™ after copying the application, start **MS Export** again, then click the **Memory Stick™ Drive** tab of the MS Export software.

You cannot copy applications by dragging them to the Memory Stick™ Drive window of the MS Export software.

Using your CLIÉ handheld as a removable disk

To use your CLIÉ handheld as a removable disk, proceed as follows:

1 Connect the cradle to a computer in which you have installed the MS Export software.

2 Insert the Memory Stick™ into your CLIÉ handheld.

3 Place your CLIÉ handheld in the cradle.

4 On the home screen, rotate the Jog Dial to select MS Import and then press the Jog Dial.
MS Import starts or, tap the MS Import icon on the home screen.

5 Operate the file or data using Windows Explorer, for example.
Not only can you copy or delete data stored on the Memory Stick™, but you can also write data from your computer to the Memory Stick™.
When you copy the application to the PALM/Launcher folder of the Memory Stick™, some applications on your CLIÉ handheld may not display the file list of the Memory Stick™ appropriately.

6 When you finish the operation, tap **Disconnect** or tap **Home** 🏠 .
Do not remove the Memory Stick™ while connecting to your computer.

✍ If your computer's operating system is Windows® 2000 Professional or Windows® Millennium Edition, a warning message appears when you tap **Disconnect** on your Sony CLIÉ handheld. Click **OK**, and then continue with the operations.

Note on using the MS Import application

If you set the OpenMG™ Jukebox software to automatically start when you insert a CD into your computer, the OpenMG™ Jukebox software will also start automatically when you launch MS Import with your CLIÉ handheld in the cradle.

To prevent the OpenMG™ Jukebox software to start automatically when you start MS Import, follow the steps below:

1 On your computer, start the **OpenMG™ Jukebox** software.
2 Select **Options** from the **Tools** menu and select the **General** tab.
3 In **Startup**, click the check box of **Add Jukebox Startup to task tray** to deselect it.

✍ If you follow the above steps, the OpenMG™ Jukebox software will not automatically start on your computer even if you put the CLIÉ handheld in the Transfer Mode. To start the OpenMG™ Jukebox software, double-click the **OpenMG™ Jukebox** icon on the desktop, or click **Programs**, **OpenMG™ Jukebox**, then **OpenMG™ Jukebox** from the **Start** menu.

Backing up data (MS Backup)

You can save a back-up copy of the data on your CLIÉ handheld by performing one of the following three methods:

❑ Back up data to your computer through a HotSync® operation.
❑ Back up all data to a Memory Stick™ using the MS Backup application.
❑ Back up data to a Memory Stick™ using the MS Gate application.

✍ MS Backup is installed on your CLIÉ handheld when you install the Palm Desktop for CLIÉ software on your computer and perform a HotSync® operation.

Backing up data with a HotSync® operation

By default, you can back-up the following data on your computer with a HotSync® operation:

❑ Memo Pad data files
❑ Address Book data files
❑ To Do List data files
❑ Date Book data files
❑ Expense data files
❑ Preferences data files
❑ Network Setup information
❑ Applications files that have been installed using a HotSync® operation
❑ User information files when you perform a HotSync® operation.

During the next HotSync® operation, the back-up data is compared with the data on your computer, and the more recent one becomes effective. If you perform a hard reset, all records and entries stored on your CLIÉ handheld are erased and reset to the initial status. If you save a back-up of your CLIÉ handheld data, you can restore any data previously synchronized with your computer during the next HotSync® operation.

✍ Some applications are not designed to be backed up. Therefore, you may not be able to restore some applications and data. It is recommended that you re-install those applications.

If you change settings in the Change HotSync Action dialog box, you may not be able to save a back-up. You cannot back-up an application or restore its data if you select an option other than synchronize the files.

Backing up data to a Memory Stick™

With MS Backup, you can backup all the following CLIÉ handheld application and data to a Memory Stick™ with a single tap. To separately back-up applications and data to the Memory Stick™, use MS Gate.

❑ Memo Pad data files
❑ Address Book data files
❑ To Do List data files
❑ Date Book data files
❑ Expense data files
❑ Preferences data files
❑ Network Setup information
❑ Applications files that have been installed using a HotSync operation
❑ User information files when you perform a HotSync operation

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Backing up data with the MS Backup application

When you back-up your CLIÉ data on a Memory Stick™, the data size of the back-up may become larger than the total data size displayed in MS Gate. This is not a malfunction. Make sure you have more space free on the Memory Stick™ than the displayed CLIÉ data size before taking a back-up.

To use the MS Backup application, proceed as follows:

1 Insert a Memory Stick™ into the Memory Stick™ slot.
2 Tap the **Home** icon.
3 Rotate the Jog Dial™ to select **MS Backup** and then press the Jog Dial™.
   Alternatively, tap the **MS Backup** icon in the **Application Launcher** screen.
   MS Backup starts up and the backup list appears.
4 Tap **(Backup).**
   The **Backup All Files** dialog box appears.
5 Tap **OK**.
   The **Backup Progress** screen appears, and the back-up's general information (its date, size, and number of contents) appears in the list.

✍ Do not make any changes to the directory tree on the Memory Stick™ after taking a back-up. If you do, you will not be able to restore the back-up data to your CLIÉ handheld.

In most cases, the back-up will be finished within approximately a minute.

In step 4, you can also select an existing file from the back-up list, then tap **Backup** to overwrite it.

To delete back-up files from the Memory Stick™, tap to select the back-up in the **Backup** list, and tap **Delete**. The selected file is deleted from the Memory Stick™.

Restoring back-up files to your CLIÉ handheld

When you restore back-up data and applications to your CLIÉ handheld, the data currently saved on your CLIÉ handheld will be overwritten with the back-up data.

Any data created or edited after you saved the back-up will be erased.

You can only restore data to the CLIÉ handheld from which you took that back-up.

To restore your backed up files, proceed as follows:

1 Insert the Memory Stick™ with the back-up files into the Memory Stick™ slot.

2 Tap the **Home** icon.

3 In the **MS Backup** screen, tap to select the back-up data that you want to restore from the list.

4 Tap **Restore**.
The **Restore Confirm** dialog box appears.

5 Tap **OK**.
After the back-up data is restored, the CLIÉ handheld automatically shuts itself down and restarts.

Backing up data using MS Gate

MS Gate allows you to save a backup of the following applications and data of your CLIÉ handheld to the Memory Stick™. (The file name after the colon is the name displayed in MS Gate.)

❏ Applications:
  ❏ Plugin files: CmPl...
  ❏ PictureGear Pocket: PictureGear Pocket
  ❏ gMovie: gMovie
  ❏ Network setup data: inetSetup
❏ Data:

❏ Address Book data files: AddressDB
❏ Date Book data files: DatebookDB
❏ Memo Pad data files: MemoDB
❏ Expense data files: ExpenseDB
❏ To Do List data files: ToDoDB
❏ Network setup information: NetworkDB
❏ Other application setting data files: SavedPreferences
❏ User information and other preferences data files: UnsavedPreferences

For details on how to use MS Gate, see Copying your CLIÉ handheld data to a Memory Stick™.

✍ Applications may not function properly if the necessary files are not backed up.

Do not select Graffiti® ShortCuts, Net Prefs, and sonyres files, since they cannot be copied.

You cannot copy data marked with a lock icon.

You may not be able to back up full information since some data is locked or shared.

Restoring data from an MS Gate back-up

When you restore (copy) backup data and applications to your CLIÉ handheld, the data currently saved on your CLIÉ handheld will be overwritten with the backup data. Any data created or edited after you saved the backup will be erased.
Insert Memory Sticks™ storing the backup data into your CLIÉ handheld and use MS Gate to copy the data to your CLIÉ handheld. For details, see Copying data from the Memory Stick™ to your CLIÉ handheld .

✍ If an overwrite confirm message is displayed, tap **Yes to all**.

If a delete or access error message is displayed while copying files, tap **OK** to proceed to the next step in copying. Those files, however, will not be copied.

Depending on the application configurations or file protection status, some necessary files may not be copied. In this case, an application may not function properly.

Some applications are not designed to be backed up. Therefore, you may not be able to restore some applications and data. It is recommended that you re-install those applications.
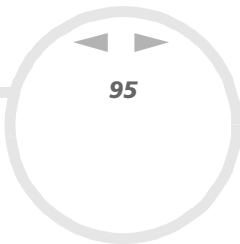
How to read the online manual

To read an online manual, proceed as follows:

1 Insert the supplied CD-ROM into your computer's CD-ROM drive.
The install screen appears automatically.

2 Click **Manuals**.

3 Double-click the application manual you want to open.
The online manual appears.

If the Acrobat Reader software is not installed, proceed as follows to install it:

1 Insert the supplied CD-ROM into your computer's CD-ROM drive.
The install screen appears automatically.

2 Click **Exit**.

3 Double-click the **My Computer** icon on the Windows® desktop.

4 Right-click the **CD-ROM drive** icon, and then click **Open** from the **Shortcut** menu.

5 Double-click the **Acrobat** folder.

6 Double-click **ar500enu.exe** to install Acrobat Reader on your computer.

Troubleshooting

This part explains how to troubleshoot your problems when using your CLIÉ handheld.

Problems with Audio Player

On Playback

The number of audio files does not appear when I start Audio Player.

When you insert a Memory Stick™ containing many audio files, it is normal that you cannot operate your CLIÉ handheld for a few seconds: this is not a malfunction.

There is no sound.

Adjust the volume.

I cannot turn up the volume.

Cancel the AVLS function.

There are interruptions in the sound.

Playback sound may be distorted when you tap **Reverse** or **Shuffle** during playback; this is not a malfunction.

The sound is interrupted or there is interference.

When you operate other applications or data processing during playback, noises may interrupt the normal sound.

The sound is distorted.

Record audio files with a higher bit rate value.

There is no sound from the one channel of the headphones.

Make sure that headphones plug is connected securely.

I cannot locate the next track.

During shuffle playback without any repeat function, you cannot locate the next track when you play the last track of the album. In this case, set the playback mode to **All Rep** and then locate the track.

Playback has stopped suddenly.

❏ The battery is empty. You need to recharge it.
❏ The connector of the Memory Stick™ may be dirty. Insert and remove it several times.

I cannot play audio files which have playback limitations.

❏ You cannot play these files if limitations are exceeded.
❏ Make sure the **Lock** switch on the Memory Stick™ is set to the **Lock** position.

The buttons on the remote control do not operate.

Make sure the **Hold** switch on the remote control is **Off**.

On the connection with your computer and supplied software

The computer does not recognize my CLIÉ handheld when I place it in the cradle.

❑ Make sure your CLIÉ handheld is in transfer mode.
❑ It may take a few seconds to identify your CLIÉ handheld with OpenMG™ authentication. Wait a moment.
❑ If you use other applications on your computer, close them and then place your CLIÉ handheld in the cradle again. If the problem persists, restart your computer.
❑ Make sure your cradle is correctly connected to your computer.

The connection is cut suddenly.

❑ Connect the supplied AC power adaptor to the cradle.
❑ Make sure your cradle is correctly connected to your computer.
❑ Make sure your CLIÉ handheld is correctly placed in its cradle.

There are only a few songs I can check out (The recordable time is short).

The free memory space of the Memory Stick™ in your CLIÉ handheld may be less than the data of the songs you want to check out. Check in unnecessary songs to make more memory space.

The audio files on the Memory Stick™ do not appear.

Insert the Memory Stick™ and then reconnect to your computer.

My computer/CLIÉ handheld does not operate normally when it is connected.

If you are connecting both devices with a USB hub or a USB extension cable, normal operation is not guaranteed. Please use only the supplied dedicated USB cable.

The normal operating sounds are not working on the CLIÉ handheld.

The system beep, alarm sound or game sounds are output only to the headphones when you connect the headphones to your CLIÉ handheld.

The Memory Stick™ does not work.

If you format your Memory Stick™ using your computer, it is not guaranteed that you can use the same Memory Stick™ on the CLIÉ handheld. Format the Memory Stick™ using the CLIÉ handheld according to the procedures described in the Operating Instructions manual.

I cannot use Memory Sticks™ that are available with other devices.

The Memory Stick™ is shipped with a FAT format as the standard format. You cannot use Memory Stick™ in FAT format with the device that does not support FAT-formatted Memory Stick™.

I cannot operate my CLIÉ handheld for a few seconds after inserting the Memory Stick™.

When you insert a Memory Stick™ containing many audio files, it is normal that you cannot operate your CLIÉ handheld for a few seconds: this is not a malfunction.
Wait until the title of the audio file appears or the Memory Stick™ indicator stops flashing.

I cannot insert the Memory Stick™ in the slot.

Check if you inserted the Memory Stick™ in the correct direction.

Problems with MSAutorun

The application I specified does not start automatically, even when I have inserted the Memory Stick™.

This could be due to the following:

❏ MS Gate or MSAutorun is running.
  ❏ When these applications are running, the auto-run function does not work.
  ❏ If MS Gate or MSAutorun is not running, check the history log for possible problems.

❏ There is very little free memory available:
  When there is very little free memory available (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 from the **Home** screen, by tapping the **Menu** icon, **App**, and then **Info**.

❏ The auto-run setting file is invalid:
  The auto-run setting file was made in a different version of MSAutorun or has become corrupted. Recreate the setting using MSAutorun.

❏ The specified application or database file is not stored on the Memory Stick™:
  Copy the required application and database files on the Memory Stick™.

❏ There is not enough free memory on your CLIÉ handheld:
  The free memory required to run the auto-run function must be 1.1 times the size of the application.

❏ The Memory Stick™ is not working properly:
  Your Memory Stick™ may be damaged and should be discarded. Always use undamaged Memory Stick™.

❏ 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™.
  ❏ Stop using the buttons, tapping, or using the Jog Dial, and then reinsert the Memory Stick™.

❑ The application is specified in the **Select install DBs** mode:
When the application is specified in the **Select install DBs** mode, the application will automatically be installed, but will not be started.

❑ Make sure you specified if you want the application to start automatically in the **Select launch app** mode.

The application or database files are not deleted even when I remove the Memory Stick™.

In the following cases, the system may not detect the insertion and removal of Memory Stick™:

❑ When an application that automatically changes the image, such as a game or an image viewer, is running.

❑ When performing key operations or tapping frequently.

In this case, deletion of data is not performed even if the Memory Stick™ is removed.

❑ To delete the data, tap **Tools** of the **Option** menu, and then tap **Recover**.

I want to turn off the sound.

Sound volume can be modified by changing preferences in the System Sound drop-down list. To mute sound, change the setting to **Off**.

When I remove the Memory Stick™, the application is deleted but the database files remain on my CLIÉ handheld.

If data has changed after an application starts, you may not be able to delete the file, even if you remove the Memory Stick™. If this occurs, open the **Home** screen, and then remove the Memory Stick™.

I do not hear an event sound when I perform various auto-run operations, but I do hear it when I insert or remove the Memory Stick™.

MSAutorun 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™. You will not hear the successful event sound in the following cases:

❑ Just after setting auto-run for the first time.
❑ When auto-run is not performed because MSAutorun or MS Gate is running when inserting the Memory Stick™.

When I format the Memory Stick™ with an auto-run setting through the MS Gate application, the display automatically returns to the Home screen display.

MSAutorun deletes the data copied by the auto-run function when removing the Memory Stick™.
You may see this happening when you perform the following procedure:

1 Insert the Memory Stick™ to start an application automatically.
2 Start MS Gate without removing the Memory Stick™.
3 Format the Memory Stick™.
   When your unit registers that the Memory Stick™ is removed and that formatting is completed, the **Home** screen is displayed and the auto-run data is deleted from your CLIÉ handheld.

When tapping Tools under the Options menu, the buttons are not displayed in the Tools dialog box.

The **Recover** and **Delete autorun setting** buttons are displayed in the **Tools** dialog box only if these functions are available.

❑ **Recover**: displays when the auto-run is performed and MSAutorun is started without removing the Memory Stick™.
❑ **Delete autorun setting**: displays when an auto-run setting file is stored on the inserted Memory Stick™.

An error message appears saying the CLIÉ internal memory is getting low.

To run MSAutorun, more than 50KB free memory is required:
To automatically start an application with MSAutorun, there must be enough memory space.