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Read First

Below is description of basic concept of use of an MP3 player.

It may somewhat difficult for beginners to understand, however, following the description on this document will guide you convenient way of use.

An MP3 player is literally a player playing any MP3 files. You can enjoy music without use of a cassette tape or a CD, since the MP3 player downloads music files into a tiny memory chip in the player and plays the music files.

First of all, you shall have MP3 files on the player to enjoy music with an MP3 player.

MP3 files are not downloaded from Internet directly to the player. You shall first download the files to your PC, and then download the files to the MP3 player.



Internet -----> PC -----> MP3 player

Don't you have MP3 files on your PC? You can download free or charged files from Internet sites, or create MP3 files directly from music files on audio CD, and then store the files on your PC.

FCC

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution : Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

Note : This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Easy understanding Five-step operation of MP3 player

Step 1: Program Installation

Once you make sure that MP3 files are stored in your PC, install the manager program on PC helping download the files to the player. Inserting the CD supplied together with the product in the CD-ROM drive automatically installs the program as well as the USB drive. You don't need any separate installation.

Step 2: Connection of PC with player

Prior to execute the installed manager program, you must connect your PC with the player.

First, load the battery into the product, press and hold Play button for about two seconds to turn on power, and then connect the player to PC with the cable.

When connection is successfully complete, the LCD displays "USB CONNECT."

Step 3: Execution of Manager program

After connecting PC with the player and the LCD displays "USB CONNECT", double click the Manager program item on the screen. When the Manager program screen is displayed, download the file by making use of this program.

Step 4: Downloading

You can easily download the files with the functions on the manager window displayed when executing the manager program. You can also employ the manager program for uploading, memory formatting, file deletion and change of file sequence.

Step 5: Listening to the downloaded music files

Once you download the MP3 files to the player with the manager program, disconnect the cable from the player, and listen music from an earphone.

Make sure if you receive all the components of the product.

Chapter 1. How to Use

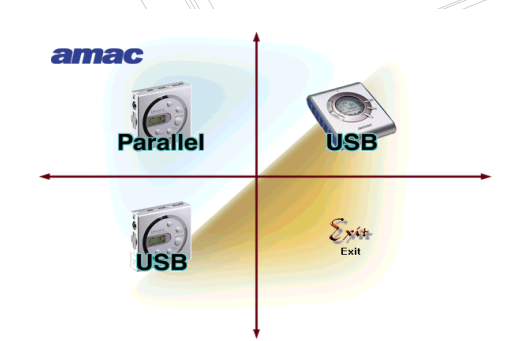
1. Program Installation

First, install the manager program for downloading files from your PC to the MP3 player.

- Required environment for installation
 - Windows 98/Me/2000
 - USB-supported PC
 - CD-ROM drive
 - Free memory greater than 16MB
 - Free hard disk space greater than 10 MB

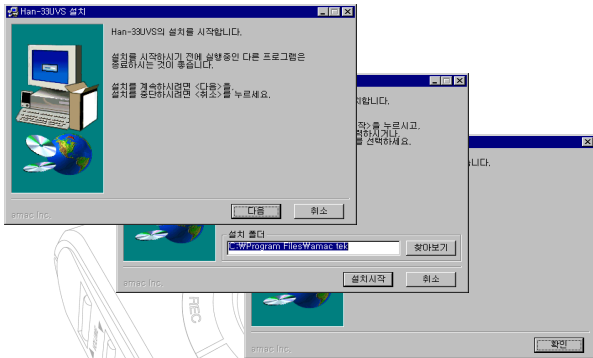
Follow the program installation instruction to install the program:

- 1) Insert the CD supplied with the product in the CD-ROM drive of your PC. The initial screen will automatically be displayed.
- 2) Click the HAN-33UVS icon.



3) Windows shown below are displayed when installation is initiated.

Press "다음"->"설치시작"->"확인" button in the order. (영문으로)



4) Once installation is complete, the icons are generated as shown in the window below. Make sure that the desktop displays Amac Manager icon.



※ If the initial screen of the installation program is not displayed after inserting the CD-ROM in the drive, select CD-ROM in My Computer, and double click file "SETUP.EXE" to initiate the program.

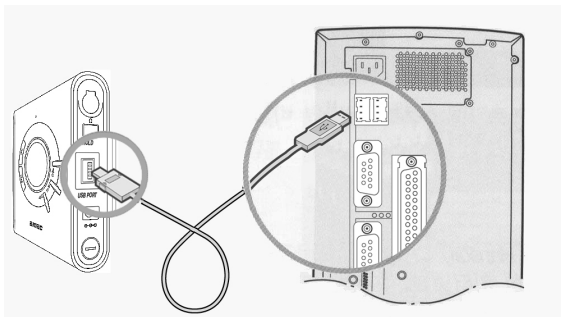
Repeat sections 3) and 4) above for installation of the program.

2. Connection of PC with Player

Once you finish installing the manager program, connect your PC with the player for downloading MP3 files.

Follow the instruction below for connection:

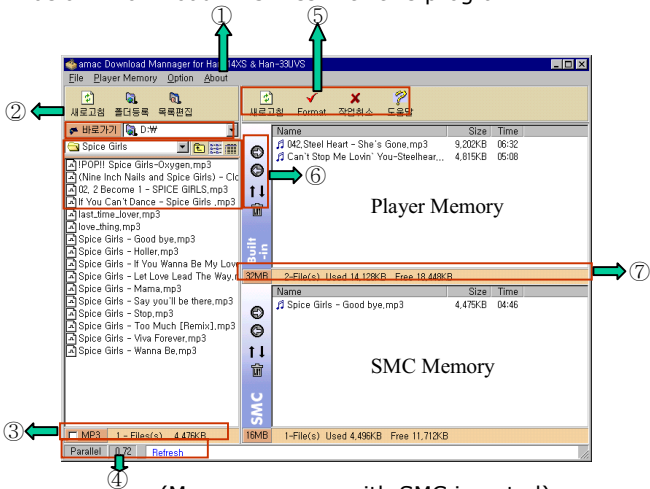
- 1) Load the battery in the player.
- 2) Press Power button two second at least to the turn power on.
- 3) Make sure the power is on on the LCD display, and connect the MP3 player with your PC with a cable as shown below:



- 4) Correct connection displays "USB CONNECT" on the LCD.
Execute the manager program from the desktop.

3. Execution of Manager program

Once connection between your PC and the player is complete, execute the Manager program to display the manager screen as shown below. Download MP3 files with this program.



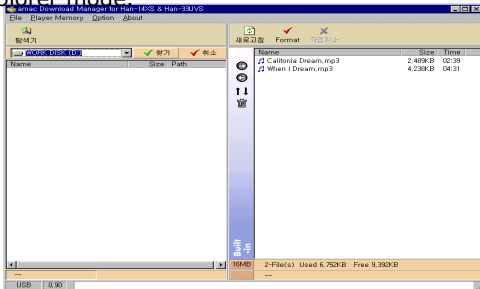
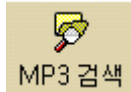
(Manager screen with SMC inserted)


- ① Program menu
- ② Explorer menu
- ③ Explorer information
- ④ Information on status of player/program
- ⑤ Memory menu
- ⑥ Downloading/uploading, track changing and file deletion
- ⑦ Memory information

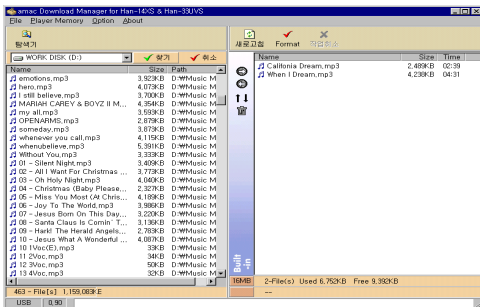
4. Automatic retrieval of MP3 files stored in PC

Execute the manager program and click icon “MP3 Retrieval” to convert the mode into the search mode.

Press Explorer button when you desire to return to the explorer mode.



Select the drive for retrieval in the search mode and press  찾기 (Find) button to automatically retrieve and display MP3 files from the selected drive.




If no MP3 file is retrieved, this indicates there's no MP3 files in the selected drive of your PC. Try retrieval from other drives.

Note! Download the files from Internet sites, or convert music files on CD-ROM into MP3 format, download the files to the player.

4. Downloading/uploading

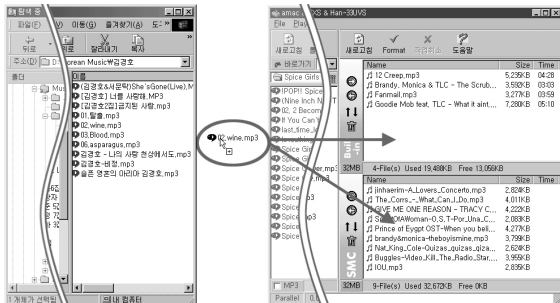
1. Downloading

Follow the instruction of downloading MP3 files by making use of the manager program:

- 1) Click files you desire to download on the left explorer window of the manager program (you may select multiple files), and then press  button.




- 2) Bring the Windows Explorer window, and click and drag the desired files and drop onto the window on the manager program.



2. Uploading

You can upload the files downloaded to your MP3 player to your PC.

Select a file (you may select multiple files) for uploading from the right memory window of the manager program and press  button to upload the files to the folder opened on the left.



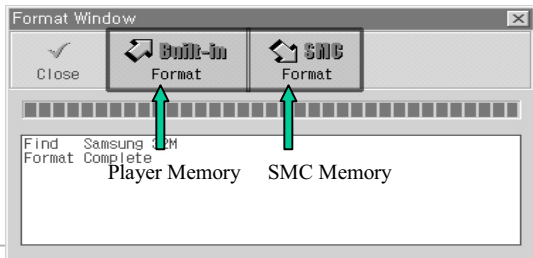
3. Additional functions of Manage program

Functions other than downloading/uploading of the Manager program are as follows:

1) Memory formatting


Formatting memory accelerates the access speed to the memory.

- ① Clicking the Format icon on the right top of the Manager window displays a window as shown below.
- ② Selecting the memory for formatting starts formatting.
- ③ After formatting, press Close button.



2) Change of file sequence


You can change the sequence of the downloaded files.

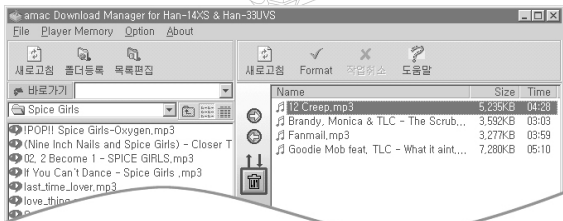
Select the downloaded files for change of sequence, and press  button.



3) File deletion

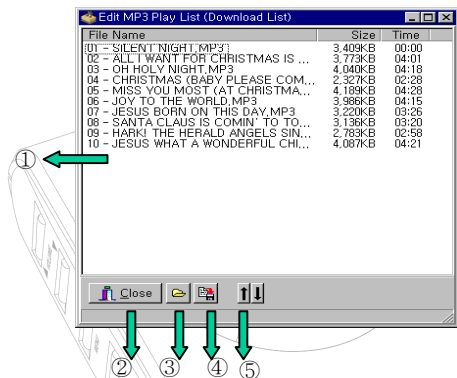
You can delete any downloaded files.

Select the files to delete from the Memory window, and press  button and or Delete button on the keyboard.



4) Creation of playing list (download list)

You can use this function to gather files for download in a single group for downloading the files with a single operation.



- ① Playing list (download list) window
- ② Exit
- ③ Open folder
- ④ Save
- ⑤ Change file sequence


How to use the function



- ① Press "Edit List" icon on the left top of the left window on the Manager program to display a window as shown above.
- ② Press Open Folder button to invoke "Open" window, and then press "Open" button to select desired MP3 files.
- ③ The selected files will be displayed on the window as shown above. Rename the files and press "Save" button to save the files.
- ④ Downloading the stored files allows you download all the files selected from the list.


Chapter 2. How to Operate Player

1. Basic operation of player

Power/Play/Pause/Stop

Load the battery in the player and press () button one second or longer to turn power on.

With power on, pressing () button plays files, temporarily pressing () button pauses the play, and pressing and holding the button stop the play.

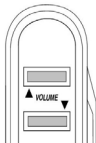
Press () button for three seconds or longer when you turn power off.

Note: If you don't press any button with the play stopped for one minute, the power will be automatically turned off for prevention of power consumption.

FF(Fast-Forward)/REW(Fast-Rewind)

These buttons are used for moving to the previous or the next file. If you press and hold the buttons for an extended time, you can fast move to the previous or the next portion in a single file (Searching function in a single file during MP3 playing).

2. How to use additional functions of player



Volume Up/Down

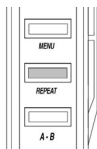
You can adjust the volume of the sound between 0 and 30 steps.



MENU

You can listen to music in desired EQ mode by setting the mode from the following modes:

(Normal > Classic > Jazz > Rock > M-Bass)

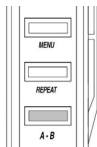


REPEAT

You can enjoy music in a selected repeating mode:

Normal > **1** (Single file repeating) > **All** (Entire files repeating) > **Random** (Repeating in random order) > **Intro** (Search for beginning of files: Plays the beginning of the entire files for 15 seconds respectively.)

파랑색 부분은 LCD에 나타나는 아이콘 이미지 그대로

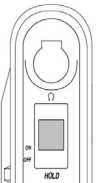


A-B

You can listen to specified portion of a file during play of MP3 file.

You can repeat play of selected portion only when you pressing A-B button at the starting and the ending point of the desired portion respectively.

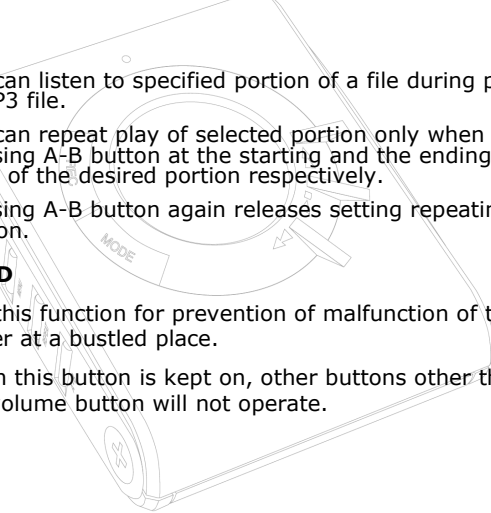
Pressing A-B button again releases setting repeating portion.



HOLD

Use this function for prevention of malfunction of the player at a bustling place.

When this button is kept on, other buttons other than the volume button will not operate.



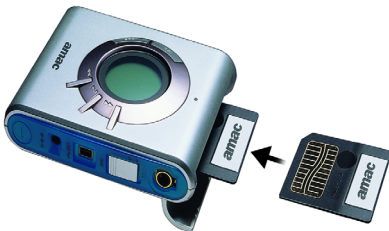
How to use SMC

SMC (Smart Media Card) is a detachable memory card independent from the internal memory for expansion of memory capacity.

Note: SMC shall be formatted before use (refer to page ? for the formatting method).

• How to insert SMC into the slot

- ① As shown in the figure below, direct the clipped corner of the memory card to the left top of the slot, and insert the card after verifying the direction.
- ② Turn power on, and make sure that SMC icon is displayed on the LCD display.



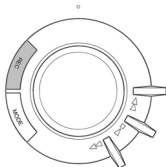
Note: When remove the card, open the cover upon stop mode, and remove the card with the hand.

• Precautions during use of SMC

- Format SMC before use.
- Never remove the card during its playing. Data stored in the card may be damaged, and this may cause malfunction of the player.
- The card is relatively thin and may subject to brittleness. It is recommended to keep the card in a rigid case.
- The metal surface on the front of the card is connected with the circuits inside the player. Handle with care for prevention from damage.

3. How to use function of voice recording

You can record lectures or dialogs by making use of the voice recording function of HAN-33UVS.



How to record

Press REC button to make the operation of the player in the voice mode before recording voice.

Pressing REC button in the voice mode starts recording voice. Press () button to stop.

Press REC button on stop mode to record another voice file.

Note:

※ No button other than STOP button will not operate during voice recording.

※ Voice will be recorded by default in the internal memory.

If you desire to record voice in the external memory (SMC), press MENU button to select the external memory.

How to play recorded file

Press REC button to make operation in the voice mode, and then press PLAY button to play the recorded file.

※ The functions of playing recorded file are same as those of MP3 file except EQ, A-B and FF/FR.

Uploading recorded file to PC

Voice recorded files can be listened to from your PC after uploading the file not to mention the MP3 player.

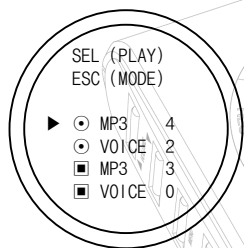
First, execute the manager program to upload the voice recorded file from the MP3 player to your PC. File with extension of *.WAV and *.SC4 will automatically be created respectively.

Double click the *.WAV file to listen to the voice. Download the *.SC4 file to the player if you desire to listen to the voice from the player.

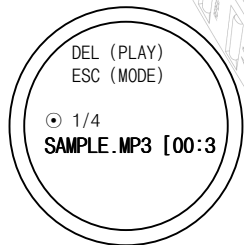
How to delete file

If you have insufficient memory space for voice recording, delete files stored in the memory by making use of MODE button on the front side of the player.

① First, press and hold MODE button until the operation is switched into ERASE mode. The LCD display will show as follows:



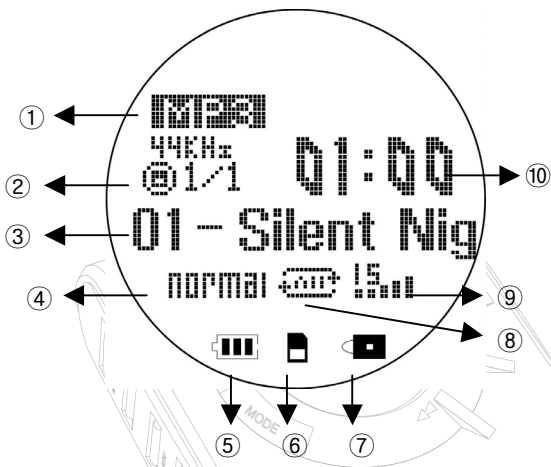
② Move the arrow to the memory with FF/REW button where files to delete are stored, and press PLAY button to select the files.



③ Locate the files to delete with FF/REW button, and press PLAY button to delete it.

- Deleted file cannot be recovered. Delete files only when you are affirmative.
- If you desire to exit DELETE mode, press MODE button.

4. Description of LCD display



- ① Displays the current mode (MP3 or VOICE).
- ② Displays the size of the file being played (in the internal or the external memory).
- ③ Displays the title of the current file.
- ④ Displays current EQ mode
(Normal > Classic > Jazz > Rock > M-Bass).
- ⑤ Displays remaining capacity of the battery.
- ⑥ Displays SMC if it is installed in the player.
- ⑦ Displays HOLD mode if it is currently set.
- ⑧ Displays current REPEAT mode.
(Normal > 1 > All > Random > Intro).
- ⑨ Displays the level of volume between 1 and 30.
- ⑩ Displays the playing time of a file.

Chapter 3. Specifications and Features of Product

1. Specifications of product

- 1) Memory
 - Internal memory: 32MB/64MB/96MB
 - External memory (SMC): 16MB/32MB/64MB
- 2) Battery: 1.5V x 1 (AA)
- 3) Playing time: 10 hours
- 4) Dimensions: 64 x 79 x 18 mm
- 5) Weight: 66g (without battery)
- 6) Interface Port : USB
- 7) Download Speed: 250 Kbytes/Sec

3. Features of product

1) An internal memory is built in the player

(00MB/16MB/32MB/64MB/96MB). If you employ the external memory, **SMC (16MB/32MB/64MB)**, you can utilize the memory capacity up to 160 MB.

- 2) You can use **REPEAT function** to repeat single or entire files of in random order. You can also listen to a section of a file repeatedly by setting a certain section.
- 3) It is easy to use **LCD display** supporting in-detail information. You can also easily use the LCD player in nights with **BACKLIGHT function**.
- 4) You can use **the VOICE RECORDING function** to record lectures, conferences and discussions.
- 5) You can download language learning files in MP3 mode from Internet sites to the player for **learning**, and maximize the learning effects by making use of the section repeating function key.
- 6) The player is very robust against impact or vibration, and you can enjoy **intact sound** even if on violent sports or activities.

- 7) There is no mechanical device for inserting cassette tapes or CD, and you can use the player almost permanently

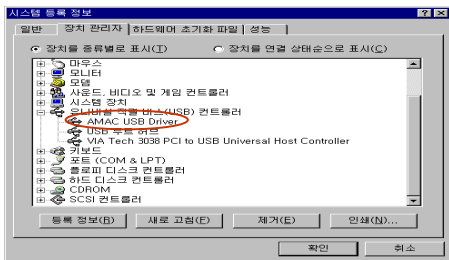
Chapter 5. FAQ

Q1. The manager program is not connected to the Player.

1. Turn power of the player on, and verify that the cable is correctly connected. If the cable is correctly connected, the LCD display reads USB CONNECT.
2. Check the USB drive for correct installation with the methods described below:

How to verify

Double click Control Panel, System, Device Manger and USB (Universal Serial Bus) Controller in the order, and verify there is AMAC USB Driver on the window.

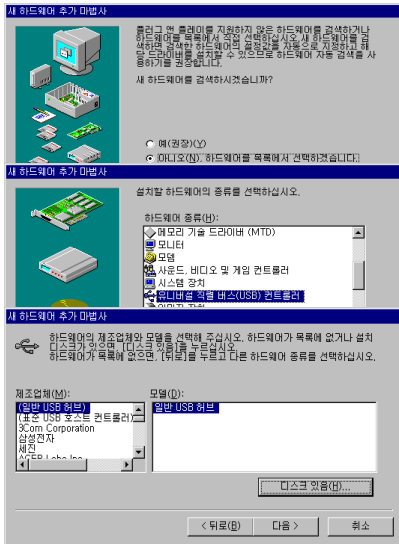


If there is no USB item, contact the sales point where you purchase your PC.

If there is no AMAC USB Driver, manually install the USB Driver as in the methods described below:

How to manually install the USB Driver

① Select Add New Hardware from Control Panel.



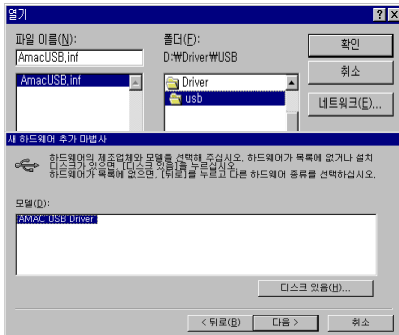
② Select "No(N), Select Hardware list" from Menu.

③ Select the USB (Universal Serial Bus) of the hardware.

④ Press Have Disk button.

창 하나 더 추가!!

Select the 'Driver/USB/AmacUSB.inf' file from the installation CD.



⑤ Select the drive and the path having the installation CD-ROM, select AMACUSB.inf file, and then press OK button.

⑥ Select AMAC USB Driver, and press Next button to complete installation.

Q2. MP3 files are not downloaded.

Verify that the capacity of the memory is correctly indicated. Otherwise, reformat the memory, and try downloading again.

Q3. Downloaded files are not played.

1. Make sure of capacity of the battery.
2. Verify that the downloaded files are of MP3 (Layer MPEG 3) files.
3. Verify that the sampling bit rate of the downloaded file is in the scope between 128 and 256 K/bit.

Q4. An error message reading "USB Fail" is displayed.

Disconnect the cable from the player, reconnect it, and then press Refresh or F5 button for reconnection.

Q5. A message reading "Err Codec" is displayed when trying recording.

Format the memory, and try recording again.

Q6. A message reading "MEM Full" is displayed when trying voice recording.

Verify the free space of the memory.

If you have insufficient space for recording, delete some downloaded files from the memory to secure the sufficient space (Refer to page ? for description of deletion).

Chapter 4. Precautions

1. Load the battery after verifying the polarity (+, -). Loading the battery in wrong polarity may cause trouble of the player.
2. Dropping or applying significant impact to the product may cause trouble in functions of the product.
3. Do not expose the product to the sunlight for an extended period, and do not keep the product in a sealed space or in the vicinity of heating devices. The player may be deformed or discolored when you keep the product in a place subject to high temperature such as inside of an automobile parked in an outdoor parking lot.
4. Do not use or keep the product at a cold or a humid place (e.g., bathroom).
5. There is no component serviceable by user inside the product. Please contact the service center of A-MAC Information and Communication for repair.
6. Use lint-free and dry cloth to clean the product. Never use chemicals (benzene or organic solvent such as thinner) for cleaning.
7. Pay special attention to prevent the product from being introduced with foreign materials (e.g., water and beverage).
8. Deleted MP3 files or voice files cannot be recovered. Delete the file only if you are affirmative.