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Features

DMP which stands for Digital Music Player has a CD quality sound
supporting MP3 file for the next new generation.

Terminology

MP3 (MPEG1 Audio Layer3)
MP3 is a standard audio file format that uses high technology
to compress audio data 10 times or more than original but
still has near- CD quality.

Unit Contents

DMP-2000L Player

Installation Program(CD)

USB Cable

Earphone

Necklace String

Belt Clip

Instructions Manual

Designations

▸ Front

Shock Absorbing Jacket

Battery Compartment

Transport Loop

Rewind (REW)
Stop

Ear / Headphones Jack

Sound Mode Selection Button

OPENERS

Locking Clip

USB Port

MMC Slots

LED Indicator

Cover Release Button

Play / Pause
Fast Forward (FF)

Volume Control Buttons

Designations

▶ **Bottom**

Earphone Jack

Sound Mode
Selection

Volume Down

Volume Up

▲ Effect

▶ **Inner Parts**

Battery Case

MP3 File Download
(USB Port)

MMC Slot
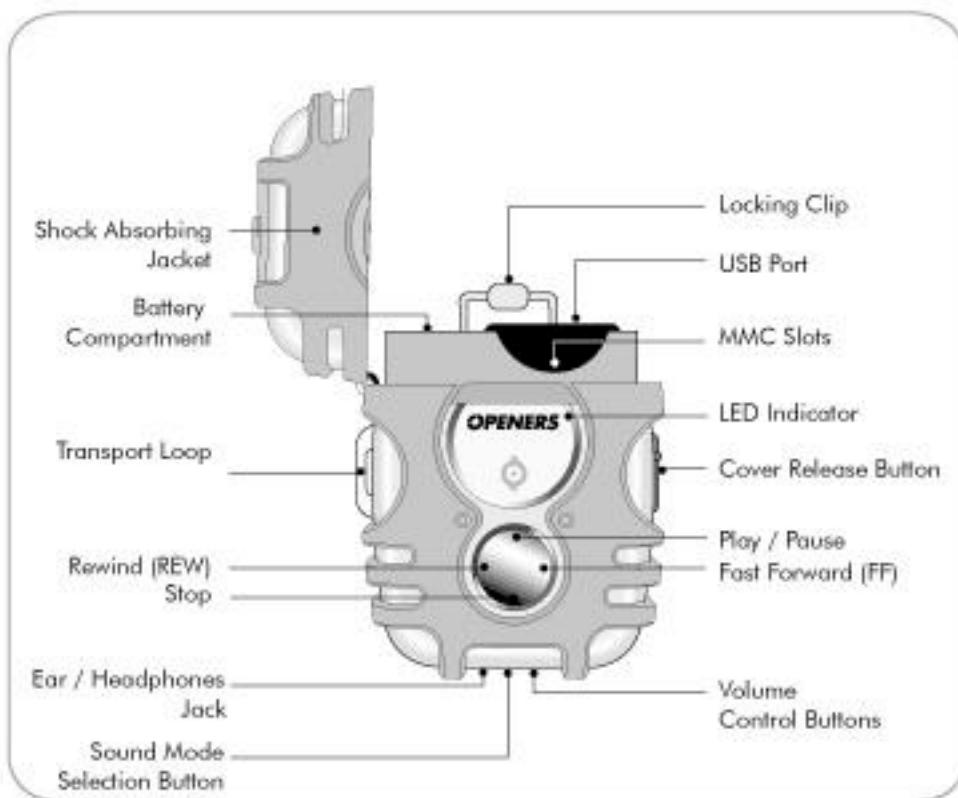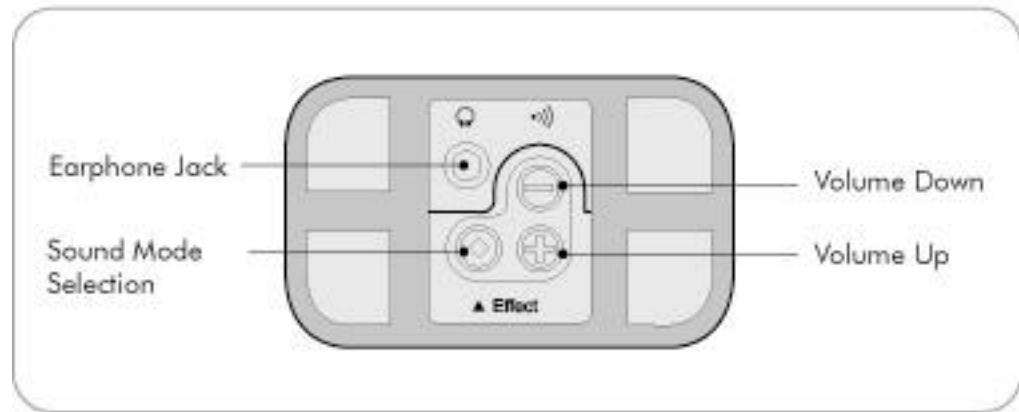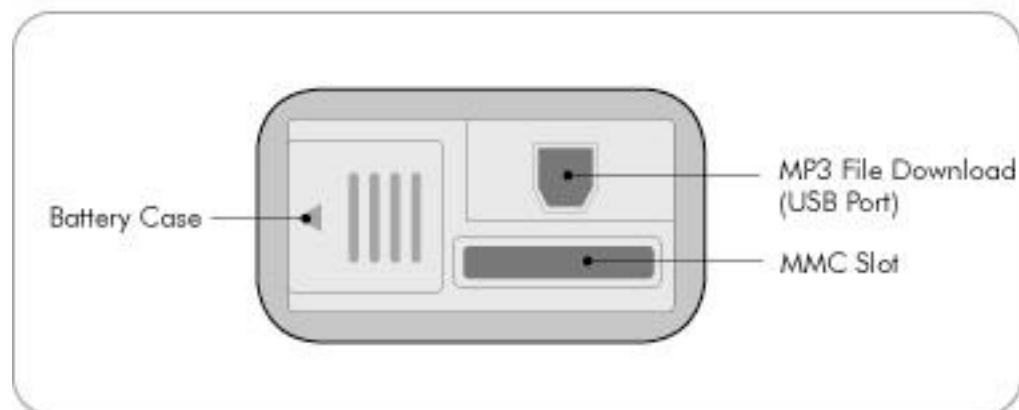
Operation
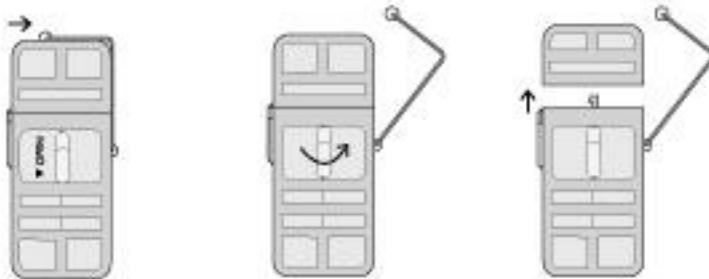
▶ Opening the cover

- To open the lid, raise the locking clip to the back first and push the cover release button to the right.

▶ Attaching a battery

After opening the battery lid, insert one 'AAA' battery with correct polarity.

▶ Inserting Multimedia Card (Options)

MMC

When you insert Multimedia Card, insert the side forward whose pins are shown.
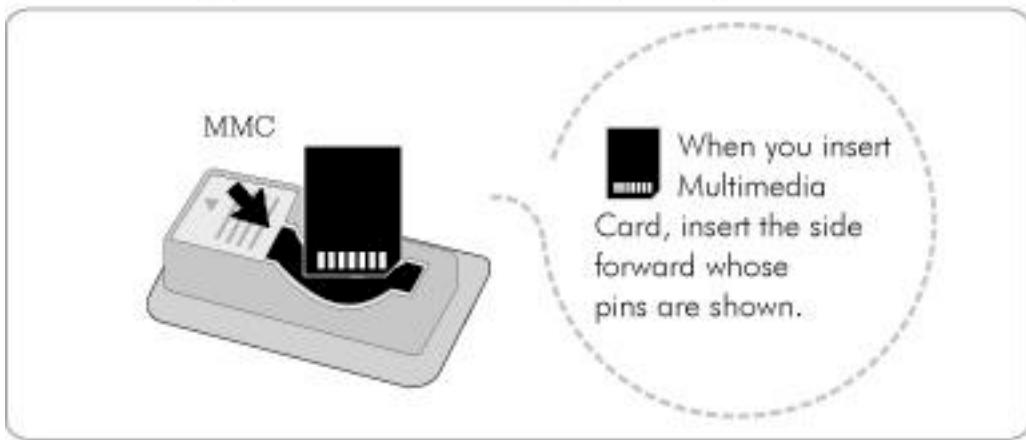
⊙ Connecting DMP-2000L to PC for download MP3 files.
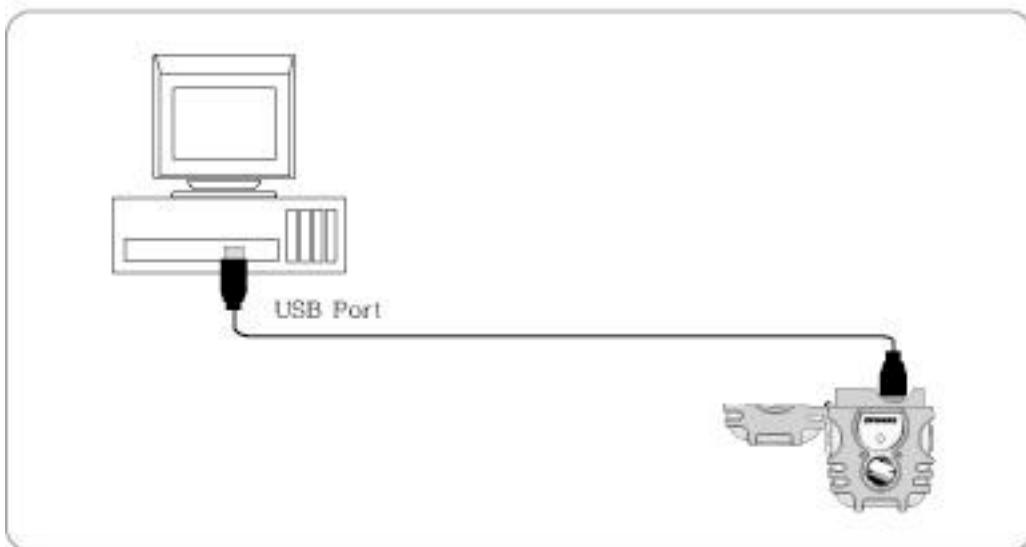
USB Port

Program Installation

System Requirements
Pentium 200 (or higher), RAM 32MB (or higher), 8XCD-ROM Drive (or higher), HDD 10MB (and more space), USB Port, Window 95/98/2000

Installation of USB Cable

1)Plug USB cable into USB port of PC.

Installation of USB Driver

2) When "Add New Hardware Wizard" window appears, press "Next>" button.
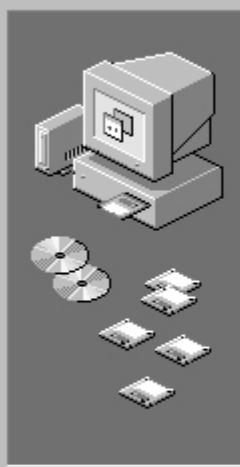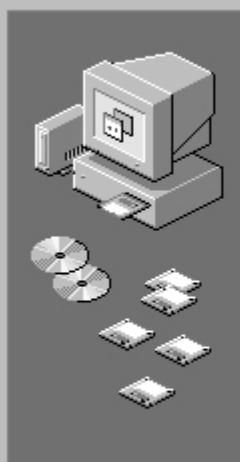
3) Select "Search for the best driver for you device (Recommended)" item, and press "Next>" button.
4) Searching suitable USB driver.

Insert DMP-2000L installation program CD into CD-ROM drive of your PC.
Select "CD-ROM drive" and press "Next>" button.

Now suitable USB driver was searched. Press "Next>" button.

Press "Finish" button to complete Installation of USB driver.
Caution: When MS-Windows can not recognize DMP-2000L,
check if USB cable is properly plugged.

Installation of MP3 music file downloading Program

1) Insert DMP-2000L installation
CD into CD-ROM Drive of your PC.
2) Execute "Setup.exe".
Note : Depending on your system
configuration, the system must be
restarted.
3) Press the "Next>" button.

4) Choose "I accept the terms in the license agreement" and press the "Next>" button.
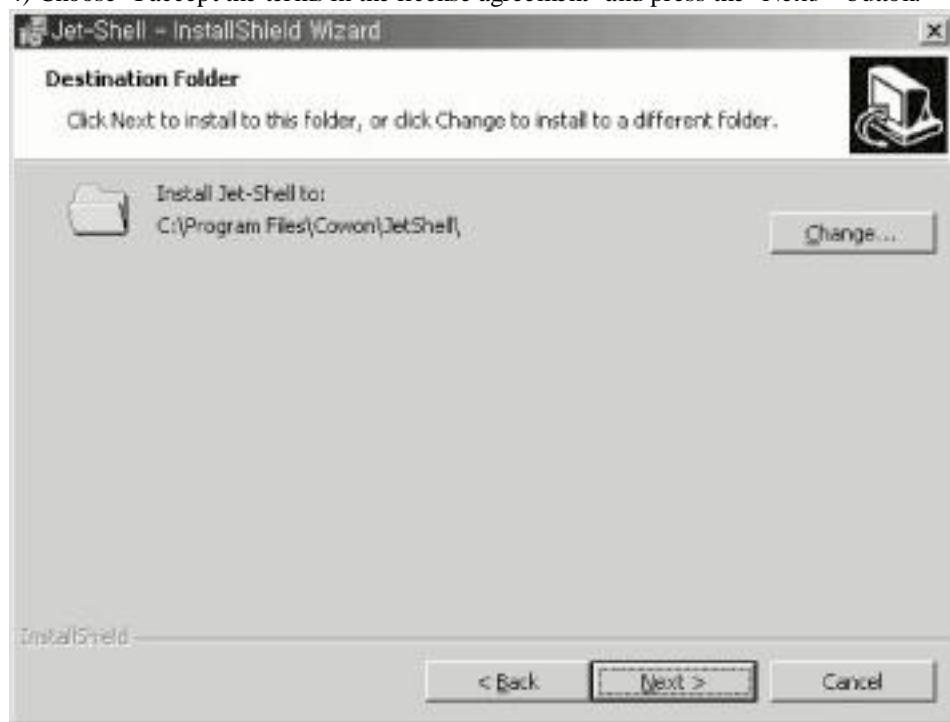

5) Press the "Next>" button.
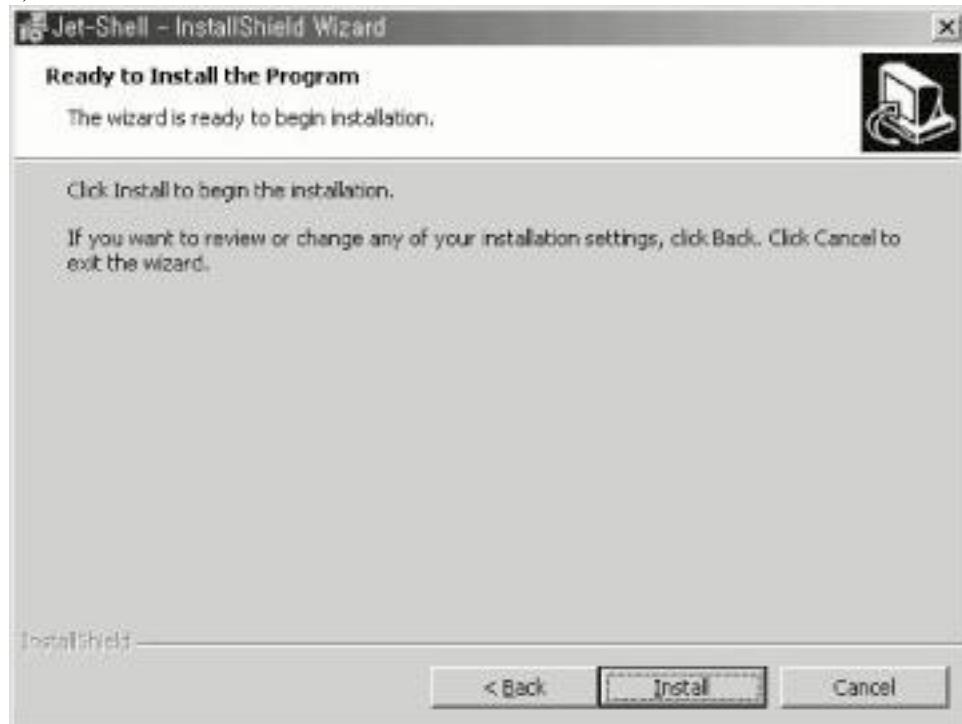
5) Press the "Install" button.
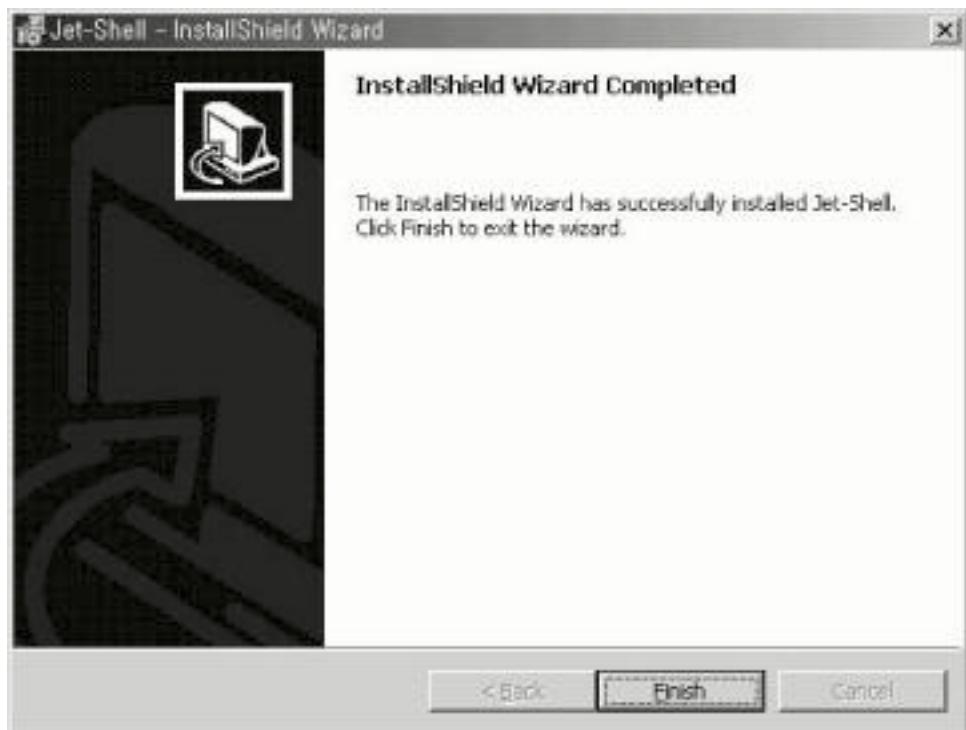
6) Installation is completed by clicking "Finish" button.

Execution of Program
Double-click the program icon (Jetshell) on your desktop, or select [start]-[program]-[cowon]-[Jet-shell]-[Jet-shell].
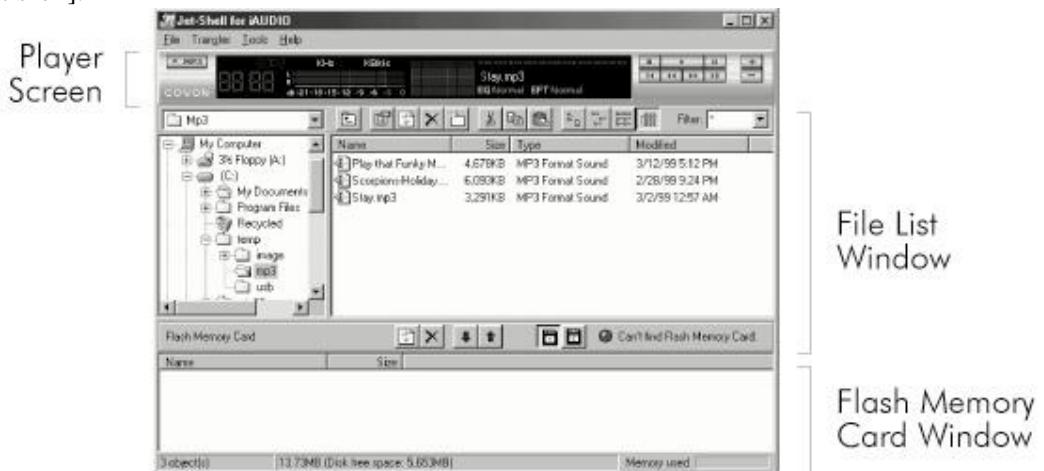
## Download music files from PC to MP3 Player DMP2000L
1) Plug the USB cable into USB port of your DMP-2000L.
2) Execute the program.
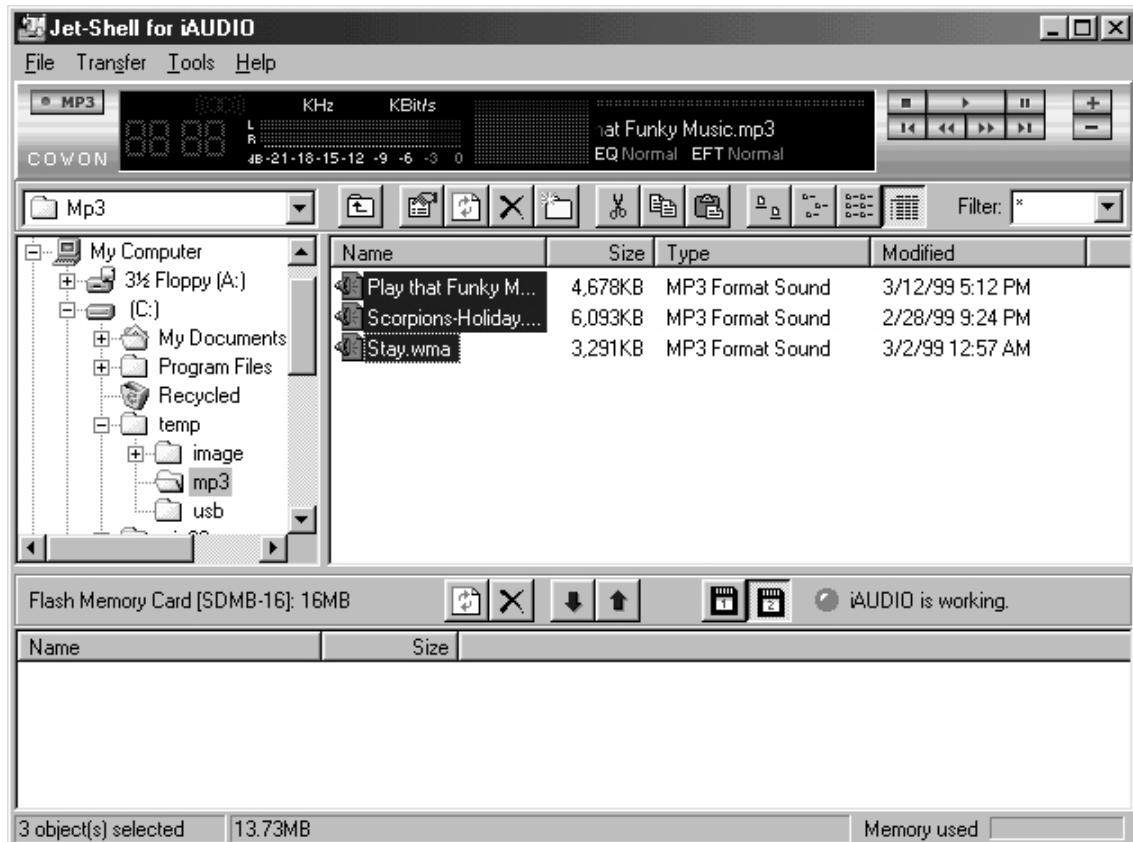
3) Select the MP3 music files in "File List Window".
4) Select the target.

The "Flash Memory Card 1" icon must be selected if you want download into the flash memory of

your DMP-2000L. (If you select the "Flash Memory Card 2" icon the MP3 music files will be
downloaded into MMC)
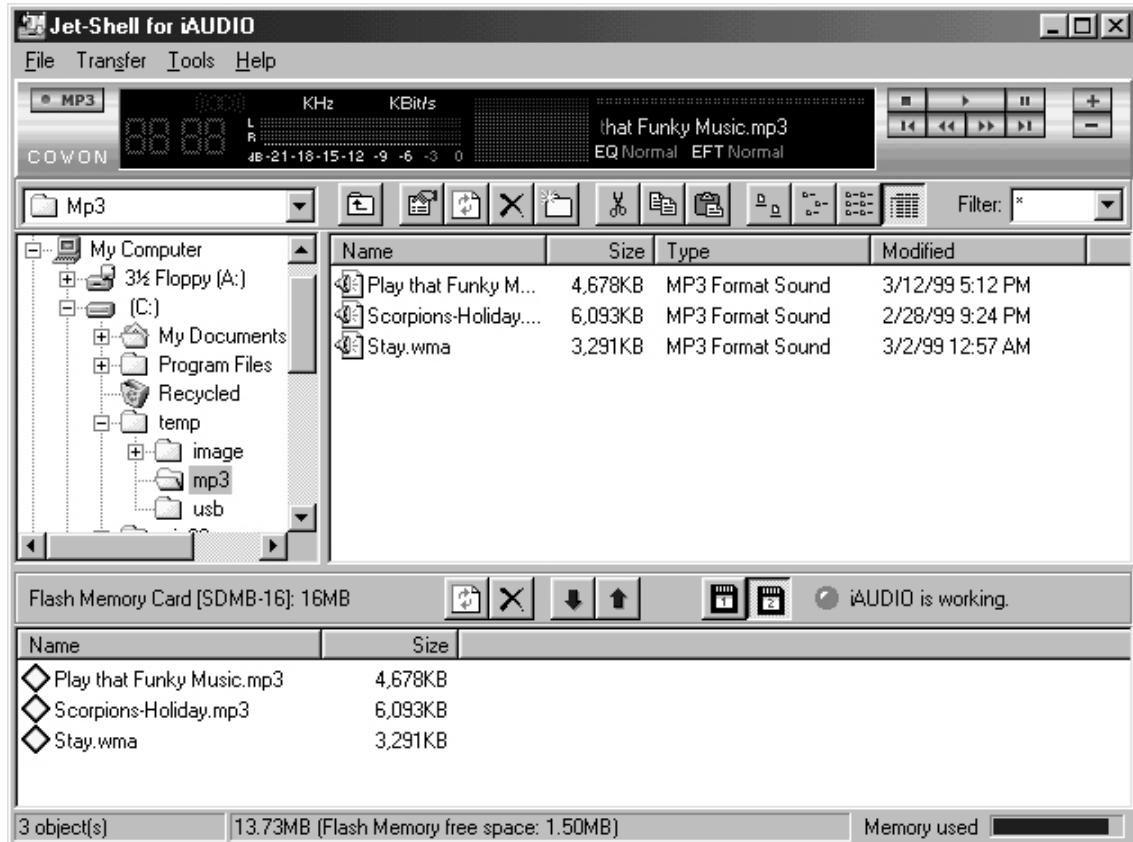
5) Press " ⬇ " button.

Upload files from DMP-2000L to PC

1) Plug the USB cable into USB port of your DMP-2000L.
2) Execute the program.
3) Select the files excluding MP3 extension file in "Flash Memory Card Window".

4) Press " ⬆ " button.

## Delete music files from DMP-2000L

1) Plug the USB cable into USB port of your DMP-2000L.
2) Execute the program.
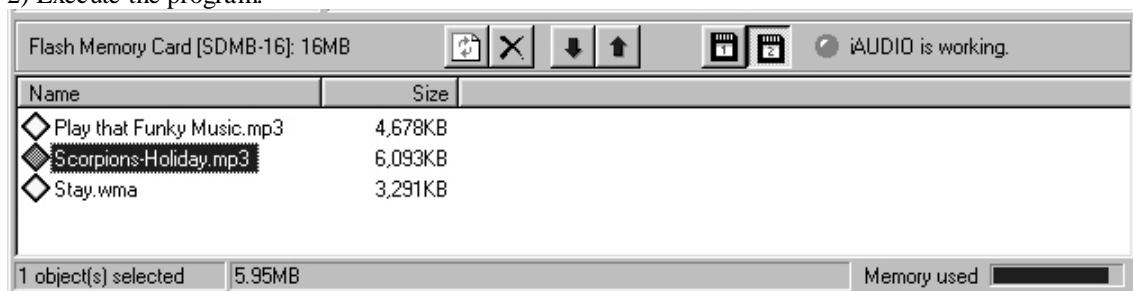
3) Select the MP3 music files in "Flash Memory Card Window".

4) Press " ✕ " button

Format DMP-2000L
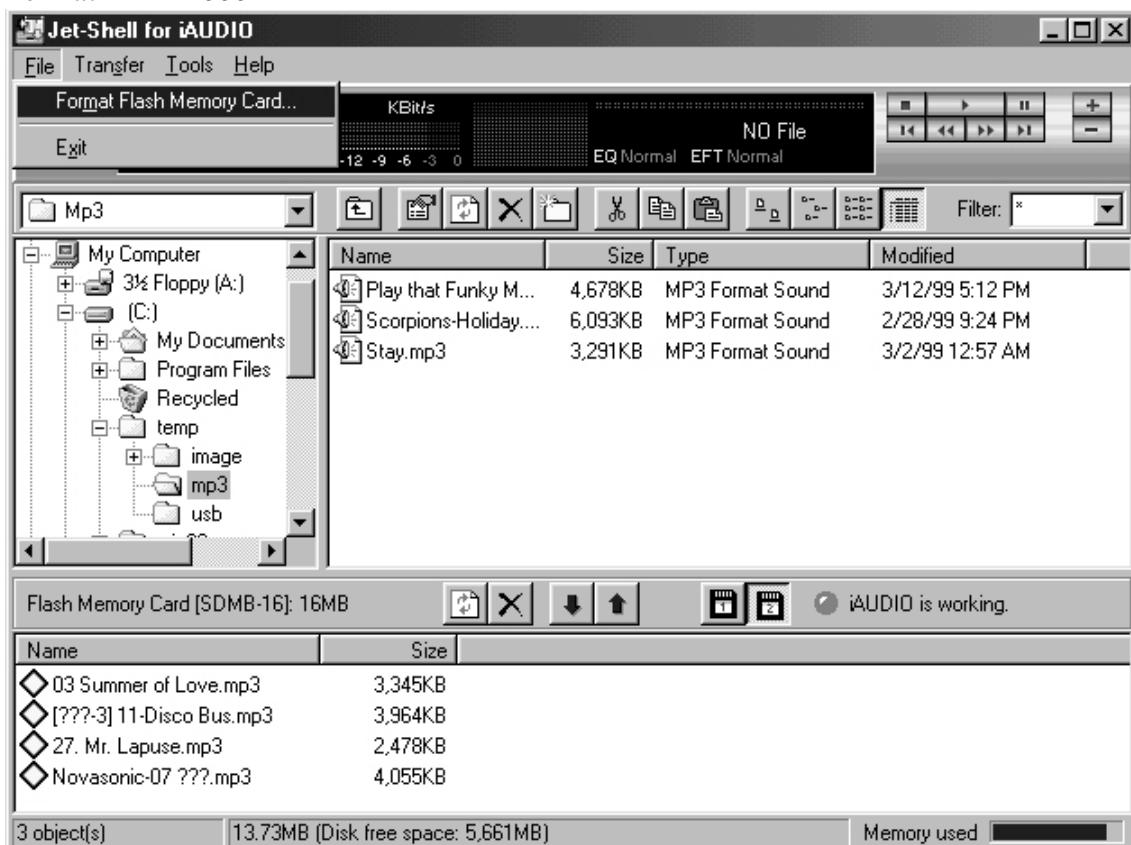
1)Plug the USB cable into USB port of your DMP-2000L.
2) Execute the program.
3) Select the target.(Flash Memory or MMC)
4) Select "Format Flash Memory Card..."in "File" menu.
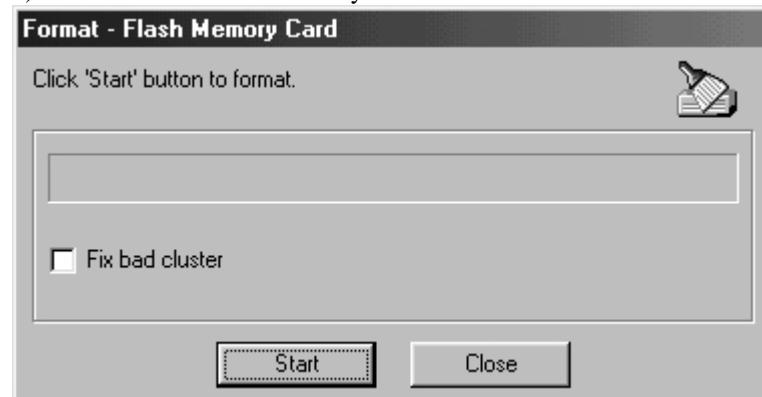
5) When "Format-Flash Memory Card" window appears, press "Start" button.
Note : Using 'Fix bad cluster' feature, you can detect and fix bad cluster while proceeding formatting. This will take a quite long time. Usually you are recommended to use Fast Format feature since you will rarely encounter bad cluster in flash memory cards. If you face transfer fail error in same position repeatedly, it is assumed that you have bad cluster in flash memory card. Choosing 'Fix bad cluster' option is recommended in this case.

Uninstallation of program
1) Execute [Start]-[Settings]-[Control Panel].
2) Double click "Add / Remove Program".
3) Select "Jet-Shell" and press "Add / Remove" button.

4) Press "Next>" button.

5) Select "Remove" and press "Next>" button.
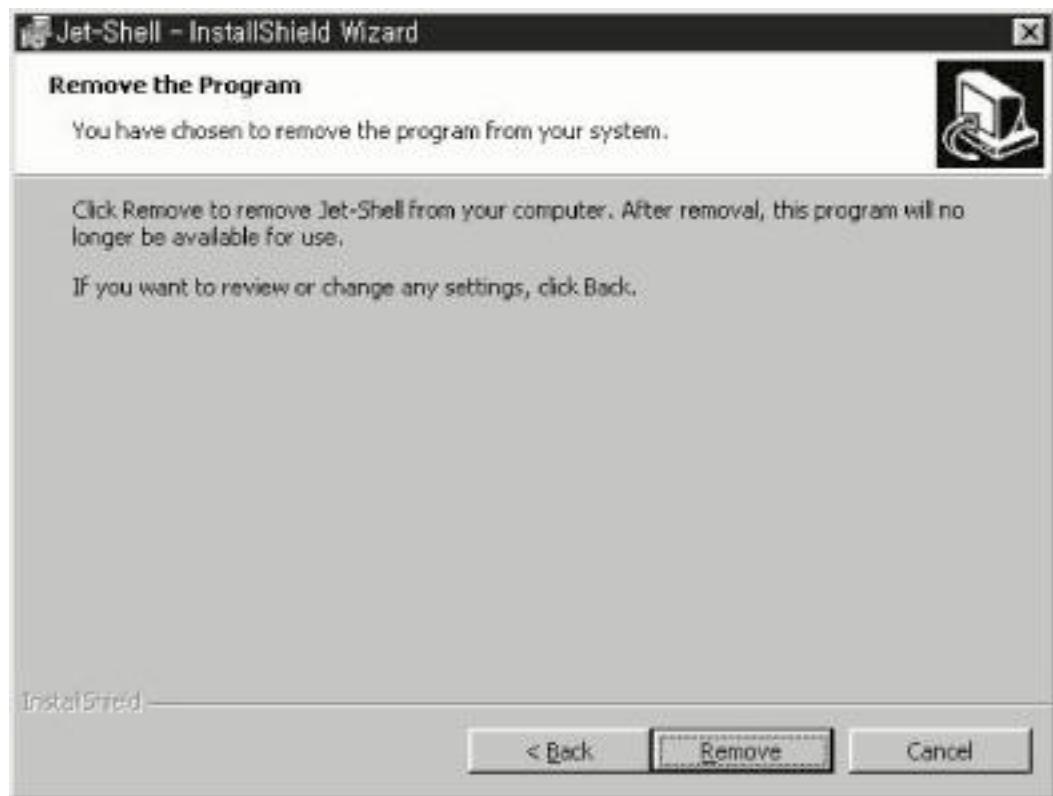
6) Press "Remove" button.

7) Press "Finish" button.
Now the program is properly uninstalled.

How to play DMP-2000L

Power-on and playing a music
1) Power is on when you press Play button
   during 1 second.
3) Music is played automatically approximately
   1 second later.

When using MMC, inserting card befor power up.
When using Flash, LED repeats on and off slowly at regular interval.
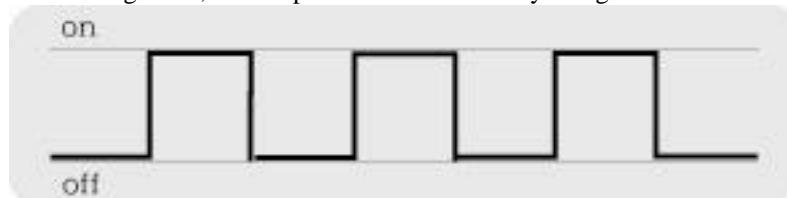
When using MMC, LED blinks at high speed.

Pause
1) Press Play button during playing for
   a pause function, (LED on).
2) Press Play button again to release pause
   function.

If you don't press any button for 3 minutes in 'pause'
condition, power is disconnected to protect the battery.

Listening Forthcoming Music
1) If you press FF button , you can hear
   the next music.
2) Pressing FF button in the last music goes
   to the first.
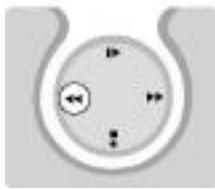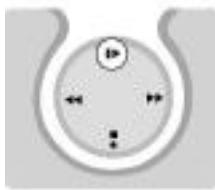
Listening Previous Music

1)When you press REW button , it goes back to previous music.
Note : If you press REW   button within three seconds
  after playing, you can go to the previous music.
  If you press it after three or more seconds,
  it moves to the beginning part of the music.
2) Pressing REW   button while the first music's
   playing, it does not go to the last music, but just starts from the
   beginning part of the first music.

Repeat Mode

1) When you press and hold Play button for about
   1 seconds during playing, repeat function starts working.
   In this time, LED blinks at short intevals in on condition,
   blink at long intevals in off condition. In this case,
   you can listen to the same music repeatedly.
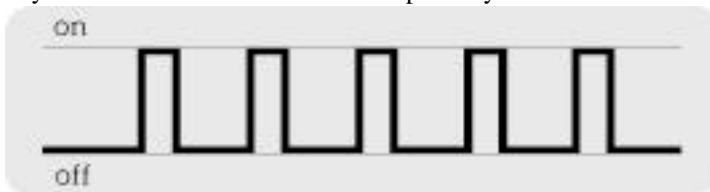
2) To return to normal play from the repeat function, keep
   Play button pressed for about 1 second.

Stop and Power off
- If you press Stop button   for about 1 second,
          it stops playing and turned off.

Sound Mode Selection
- Press Sound Mode Selection button   to choose one of 7 preset
  digital equalized Sound mode.

Volume Control
1) Volume Up
      Press + button shortly to increase one level.
       Press + button long for a continuous increase.
 2) Volume Down
       Press - button shortly to decrease one level.
        Press - button long for a continuous decrease.

Troubleshooting

1) Power was not disconnected when pressing stop button.
   Check if stop button was pressed firmly.
2) Power LED is not turned on when pressing play button.
Check if the battery / charging battery was loaded.
       -      Insert a battery with right polarity.
Check if the battery was fully discharged.
       -      Insert a new battery with right polarity.
3) Power LED is on, but play does not start.
Check if the battery / charging battery was left.
       -      Try again with a new battery or recharged one.
4) Play does not start, LED light goes off directly.
Check if MP3 files exists in Flash memory or MMC
5) Plays but can not hear the song.
Check the volume that could be in the lowest level.
       -      Press one level or more pressing (+) button until enough to hear.
Check the contents of Flash / Multimedia Card.
       -      Copy the music of MP3 to the Flash / Multimedia Card.
6) Sound Mode selection does not work.
    Check if the button was firmly pressed.
       -      Press the button as enough as suggested time.

Cautions

Keep in mind the following instructions to maintain
and use DMP-2000L

DMP-2000L perceives electronic or physical shock as
something wrong wtih current song and plays next song
immediately to protect stop caused from malfunction.

Do not expose to mechanical vibration or shock.
- DMP-2000L was specially designed as shock absorbing
  but any solid object or liquid fall may harm the player.

Do not expose DMP-2000L to rain or moisture.
- In case the player has moisture in it, it influences inner
 parts and may be damaged.
- In case like this, wipe it with a dry cloth and refer to service to

the Openers service center immediately.

Do not place DMP-2000L in a location near a heat source
and strong magnetic materials.

Specifications

Processor : PIC17LC756A

Memory : 32MBytes Flash / MMC (option)

Operating Power : 1.5V (AAA Size)

Continuous Operating Time : About 5 hours

Indicator : LED red light

File Downloading Speed : Flash (170KBytes/sec),
            MMC (130KBytes/sec)

Earphone Output : 5mW

Wave Specification : 20Hz-20KHz

Dimension : 72.0mm(W) X 53.2(H) X 30.5(D)

The MP3 resource on the Internet

URL
http://www.m4you.com   http://www.audiofind.com
http://mp3.now.com   http://www.allmp3.co.kr/
http://mp3.lycos.com   http://www.mp3.com/
The connections depend on the conditions of the sites.

Approval

FC
Information to the user
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
enegy and, if not installed and used in accordance with the instructions, may cause harmful inteference to
radio communications. However, there is no guarantee that interference will not occur ina particular
installation. If this equipment does cause harmful interference to radio or television reception, with can be
determind by turning the equipment off and on, the user is encouraged to try to correct the interference by
one 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.
Warning
Changes or modifications not expressly approved by the party responsible

for compliance could void the user's authority to operate the equipment.

VCI

This is a Class B product based on the standard of Voluntary Control
Council for interferense from Information Technology Equipment (VCCI)
If this is used near a radio or television receiver in a domestic enviroment,
it may cause radio interfernce Install and use the eqipment according to
the instruction manual.

Customer Support

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