

# RipFlash DX User's Manual

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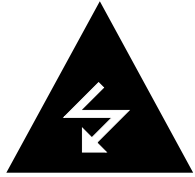
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# WARNING



## **DANGEROUS VOLTAGE**

Uninsulated Dangerous Voltage, that may be of sufficient magnitude to constitute a risk of electric shock to person is present within this product's enclosure.



## **ATTENTION**

The owner's manual contains important operating and maintenance instructions. For your safety, it is necessary to refer to the manual.

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

To avoid electrical shock; do not open the case. Refer servicing to qualified personnel.

**CAUTION** : Use of the controls or adjustments of procedure other than those specific herein may result in hazardous radiation.

# WARNING

Do not operate the unit during the driving, bicycling or operating other machine.

Do not insert metal with the batteries. (risk of fire)

It is recommended that you follow the listed guide line to prevent damage of hearing.

Establish a safe sound level.

- ▶ Slowly increase the level of volume until you can hear comfortably.
- ▶ Once you have established a comfortable listening level, DO NOT

INCREASE THE SOUND LEVEL FURTHER.

(Over 80dB noise can be harmful under constant exposure. 80dB: average city traffic, alarm clock buzzer at two feet)

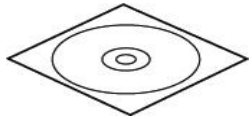
Do not drop or give mechanical shock to the unit.

Do not place the unit in locations described below :

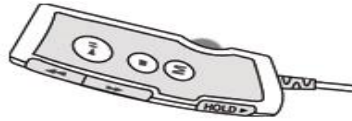
- ▶ Places exposed to direct sunlight, extreme heat or magnetized places
- ▶ Humid or moist places
- ▶ No ventilation or dust places

Do not clean it with thinner, alcohol or benzene.

# Components



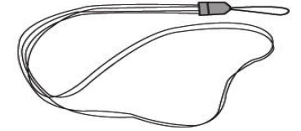
Software  
installation CD



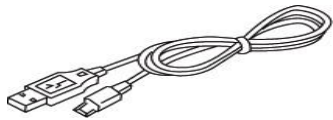
Remote  
control



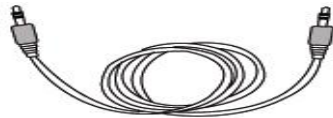
Stereo Ear  
phone



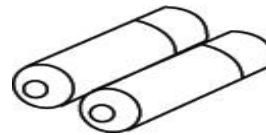
Necklace



USB cable



Line in cable



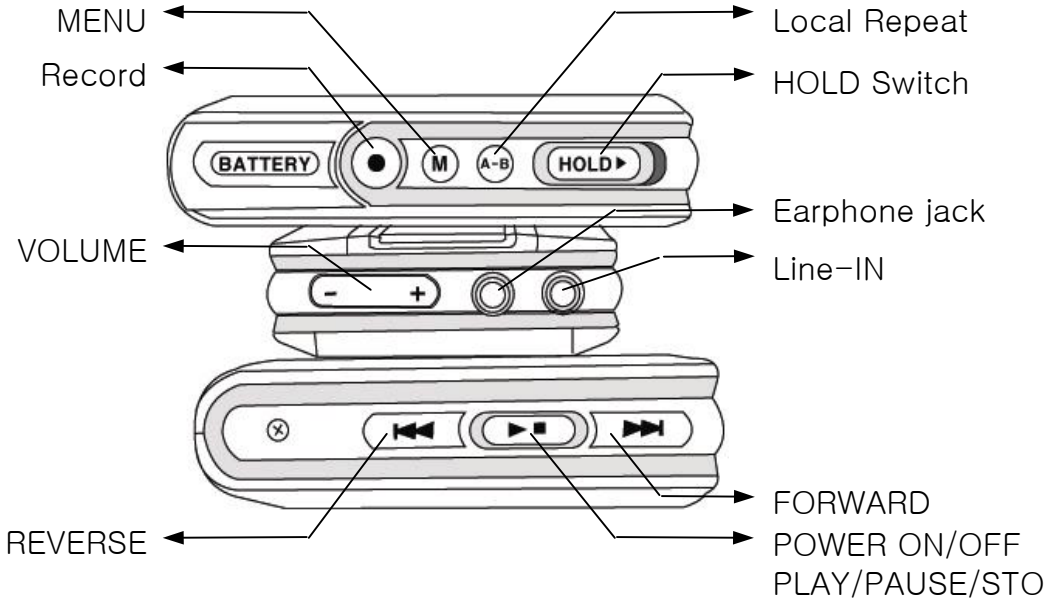
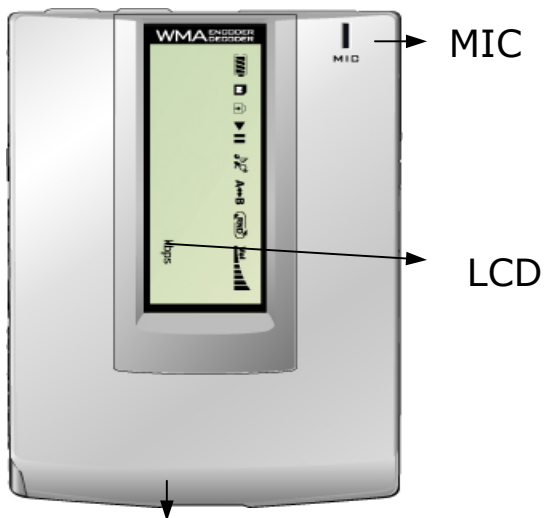
2 AAA Size  
batteries



Carrying  
bag

# Using buttons and controls

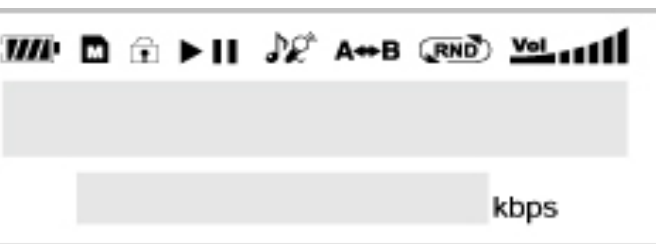
## < Front >



	Power On / Play / Pause / Stop / Power Off		Play the next track / Fast forward in the current track
	Volume		Play the previous track / Rewind the current track
	Hold switch		Local repeat
	Mode MENU		Record (Voice/Music)

## < Rear >

MMC & SD card slot  
/ USB jack



Remaining battery capacity



MMC / SD card icon

This icon will blink while the song in MMC or SD card is played.



Hold icon



Play icon



Pause icon



Music recording icon



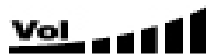
Voice recording icon



Local repeat icon



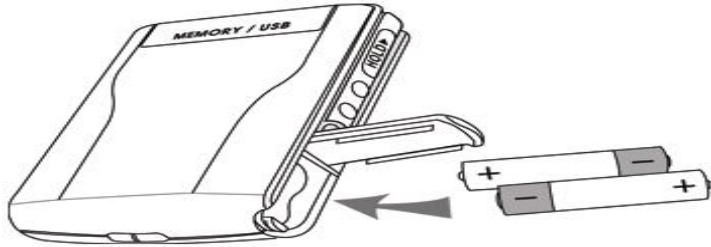
Play mode icon



Volume level





# Inserting Battery



- ① Slide open the cover as shown in the figure.
- ② Insert **2 AAA** alkaline batteries (supplied). Slide the cover back to close.
- ③ Use the alkaline batteries.

## Note

If you do not use the batteries correctly, it may become damaged. Be sure to check the polarity of the batteries (+,-), while inserting the batteries.

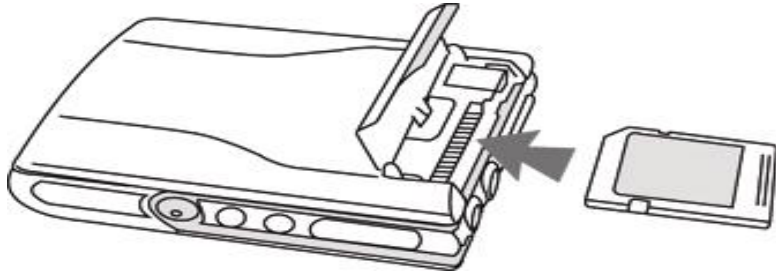
-  The bars inside a battery icon displays the remaining battery capacity.
-  The icon will blink when the batteries have almost run out. This unit will be automatically powered off in 30 minutes from this time.

Battery lifetime	MP3
2 alkaline batteries	13 hours

# Adding MMC / SD card

If you need additional memory, you can purchase the MMC (the Multi Media Card) or SD card(Secure Digital memory card) as shown in the figure.

- ① Align the MMC or SD card with the slot as shown in the figure and insert it to the end.



- ② Turn on the unit to display the memory capacity of the MMC or SD card on the LCD.

Eject MMC / SD card,



- ① Press the MMC / SD card in the direction of the arrow.
- ② MMC / SD card will pop up.
- ③ Pull out the MMC / SD card.

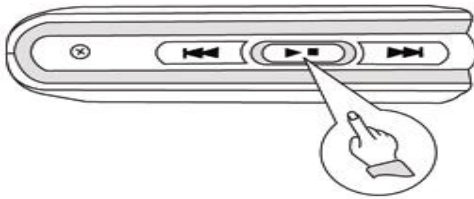
Note

- Be sure to turn off this unit when you insert or eject the MMC / SD card.
- Format the memory data to download the MP3 file.(32page)
- Downloading to the MMC or SD card is the same as downloading to internal memory.(28page)



# Playing songs on "RipFlash DX"

## < Playing / turn on >

- ① Insert the batteries and connect the earphones to the player.
- ② Press  to turn on.
- ③ Press  again to play a song.



## < Pause >


- ① Press  to pause while playing.
- ② When paused, press  to play.

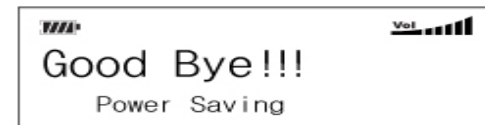
## < stop / turn off >

- ① Press and hold  for 3 seconds to stop.



- ② When stopped, press and hold for 3 seconds to turn off.

The unit automatically turns off 5 minutes after it stops playing.



- ③ When stopped, press  to play.



# Selecting the track / Volume control

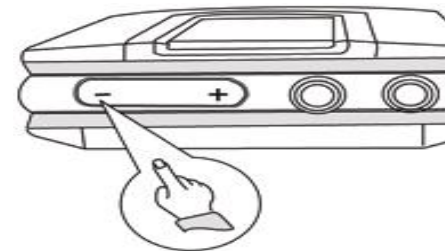
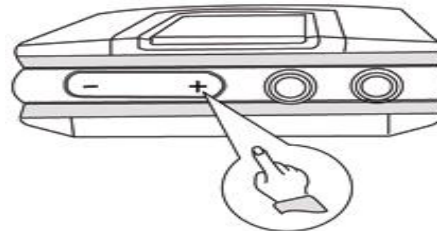
Press  to skip to the next track.  
Press and hold  to fast forward the current track.



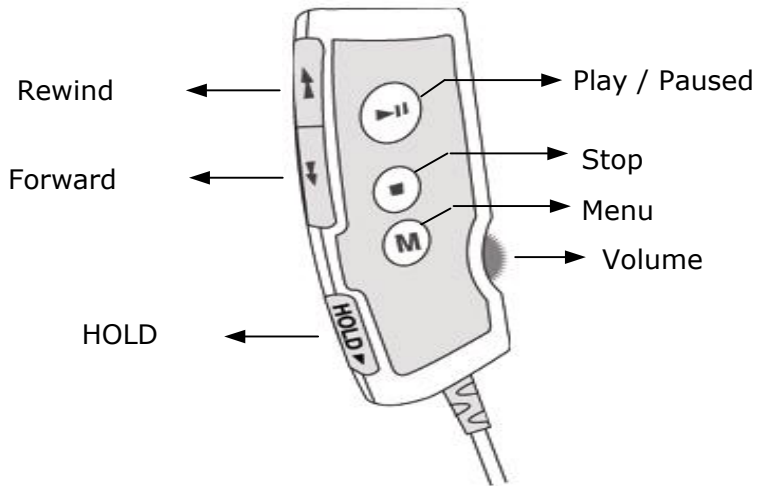
Press  to locate the beginning of the track or the previous track.  
Press and hold  to rewind the current track.

**Note :** Audio quality will reduce when playing MP3 files of 64kbps or less.

Press +/- button to adjust the volume while playing.  
Press +/- button to adjust step by step.  
Volume range from 0 to 30.  
Press and hold +/- button to adjust continuously.



# Using the Remote Control



**☀ note :**  
Under hold mode, no buttons on the remote control will work. You can adjust the volume while playing.

---

▶ || ① Press and hold ▶ || to turn on the player.

▶ || ② Press ▶ || to play.

▶ || ③ Press ▶ || to pause.

---

▶▶ Press ▶▶ to skip to the next track.

▶▶▶▶ Press and hold ▶▶▶▶ to fast forward the current track.

---

◀◀ Press ◀◀ to locate the beginning of the track or the previous track.

◀◀▶▶ Press and hold ◀◀▶▶ to rewind the current track.

---

■ Press ■ to stop the playing.  
■ Press and hold ■ to turn off.

---

Ⓜ press Ⓜ to change REPEAT mode,  
from NORMAL REPEAT→REPEAT  
ONE→REPEAT  
ALL→RANDOM PLAY→RANDOM ALL

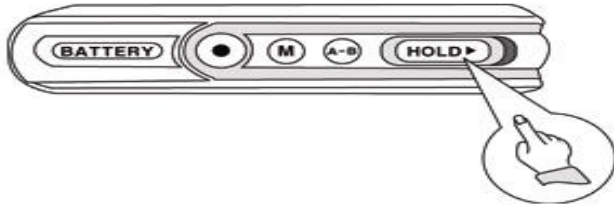
---

# Hold function / Local Repeat

## Hold mode




Slide  in direction to lock all controls.

Under Hold mode, no button will work except the Remote Control.





## Local Repeat mode

To repeat a part of the current track,

- ① Press  to start the local recording
- ② Press  to finish the local recording
- ③ Repeat the recorded part.
- ④ Press  to finish the local repeat and play the current track.

# Using mode options and settings




Use the  mode button to select the following mode options. The player displays a mode in the order of 'EQ'→'REPEAT'→memory information→'Record Input'→'Record Bitrate'→'Record Memory'→'CD-Ripping'→'Delete' as you press .

Equalizer	LIVE/JAZZ/ROCK/FLAT
Repeat (file order)	REPEAT ONE / REPEAT ALL / RANDOM
Memory Information	INTERNAL MEMORY TOTAL / INTERNAL MEMORY REMAIN / EXTERNAL MEMORY
Record Input	Internal Mic Line in
Record bitrate	8 ,16 ,32, 64, 128 kbps
Record Memory	INT Memory (Internal memory) EXT Memory (External Memory)
CD-Ripping	Function ON / OFF (automatic track recognition)
Delete	ERASE FILE



CD-Ripping function is activated on Line-in mode and Record bitrate over 64kbps.

# Setting up EQ(Equalizer)




- ① Press  to set up EQ.
- ② Press  to select the following menus; FLAT, LIVE, JAZZ, ROCK.
- ③ Press  to play the track.



LIVE	Preset for live music
JAZZ	Preset for jazz music
ROCK	Preset for rock music
FLAT	Normal balance



# Repeating tracks

Press  twice to set up REPEAT.  
Press  to select REPEAT menu.  
The mode will be scrolled in the order of 'NORMAL REPEAT' → 'REPEAT ONE' → 'REPEAT ALL' → 'RANDOM PLAY' → 'RANDOM ALL' as you press  .



---

## NORMAL REPEAT

- Play all the tracks in order one time.

---



## REPEAT ONE

- Repeat the current track.

---



## REPEAT ALL

- Repeat all tracks.

---



## RANDOM PLAY

- Play tracks at random.

---




## RANDOM ALL

- Repeat tracks at random

---

# Memory information

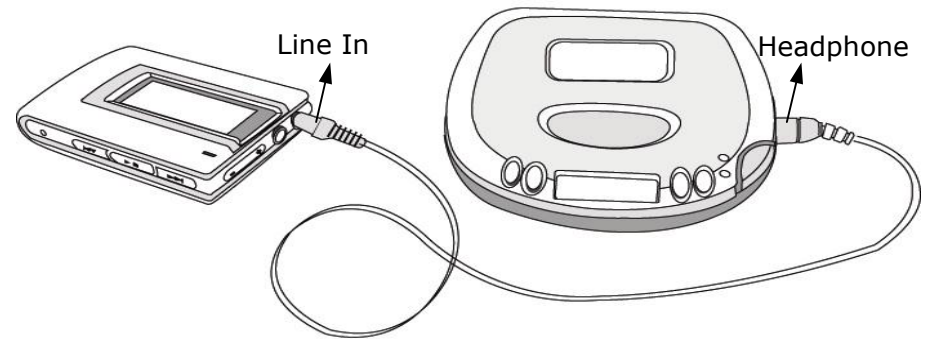
Press  three times to display the memory information.

Press  to indicate memory status in the order of 'INTERNAL MEMORY TOTAL' → 'INTERNAL MEMORY REMAIN 128MB' → 'EXTERNAL MEMORY TOTAL' → 'EXTERNAL MEMORY REMAIN ??MB', as you press.

# Record Input

Press **M** four times to set up Record Input.

Press **▶▶** to select "Internal Mic" or "Line In"



## Record bitrate


Press  five times to set up RECORD BITRATE.

Press  to select RECORD BITRATE menu.

The mode will be scrolled in the order of '8kbps' → '16kbps' → '32kbps' → '64kbps' → '128Kbps' as you press.

## Record Memory

Press  six times to set up RECORD MEMORY.

Press  to search INT MEMORY (internal memory) or EXT MEMORY (external memory).




Press  to confirm Record Memory.

# CD-Ripping

The CD-Ripping function recognizes the tracks of the recorded material separately during the transferring from a CD player to the unit.

When you record an album consisting of 12 songs from CD player to the unit, the unit automatically creates 12 files with the **CD-Ripping** function.








First, set up Record Input on LINE IN and Record Bitrate on 64kbps or 128kbps.

- ① Press  seven times to set up CD-Ripping function.
- ② Press  to select Function ON or OFF
- ③ Press  to confirm

The unit recognizes a new track which is next sound after no sound more one second.  
If no sound is more five second, the recording is finished.



On voice recording or Line-in recording under 32kbps, this function is not activated.

# Delete

- ① Press  seven times to delete a track (or eight times with CD-Ripping function)
- ② Press  to search the track.
- ③ Press  to select the track.
- ④ When 'Confirm:Yes' is displayed, press  to delete the track.  
If you do not need to delete the track, press  or  to display 'Confirm:No' and press  to return to the previous menu.



# Encoding function



First, set up Record Input mode on Line In.

- ① Turn on the player or stop the Playing.
- ② Plug in the Line-in cable into the Line in jack of the player and Line out jack of other device.
- ③ Press  of other device and press  of the player to record.

# Recording Voice

First, set up Record Input mode on the Internal Mic.

- ① Turn on the player or stop the Playing.
- ② Press  to record the voice.
- ③ Press  to stop the recording.

To pause the voice recording, press   
To record continuously, press  again.

## Note

When memory is full, 'FULL' is displayed.

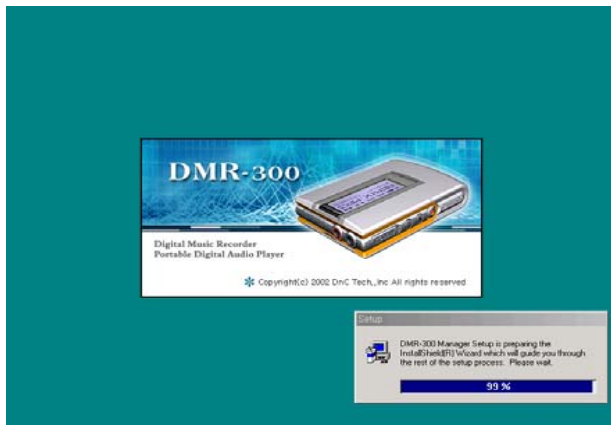
Voice is recorded only on the internal memory.





# Installing Manager software

- ① Insert the installation CD into your CD-ROM drive.
- ② The installation CD will auto-run when loaded into a PC.



## Note :

Do not connect the player to PC before this installation. For manual setup,

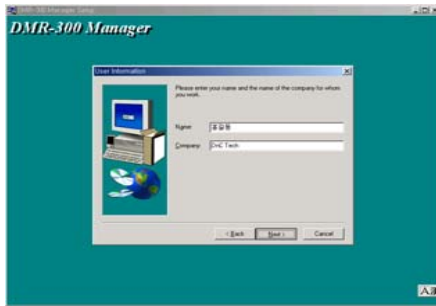
- ① Click MP3 Explorer Plus in CD-ROM drive.
- ② Click setup icon in "MP3 Explorer Plus" folder.

- ③ Click [Next] in the Set Up window to start the installation of DMR-300.



# Installing Manager software

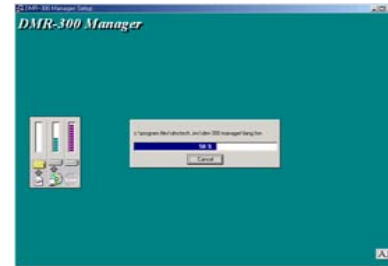
④ Enter user information.



⑤ Click [NEXT] button to install into the recommended folder. (C:/ Program Files/ RipFlash Manager)  
Click Browse to choose another folder.



⑥ Installation of management software is displayed.

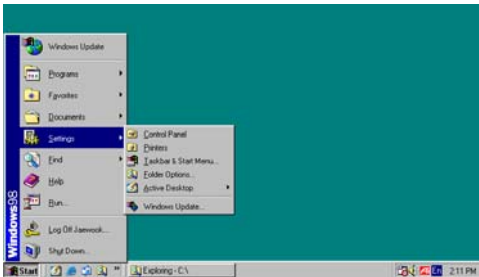


⑦ Click [Finish] button to complete the installation.



# Deleting Manager software

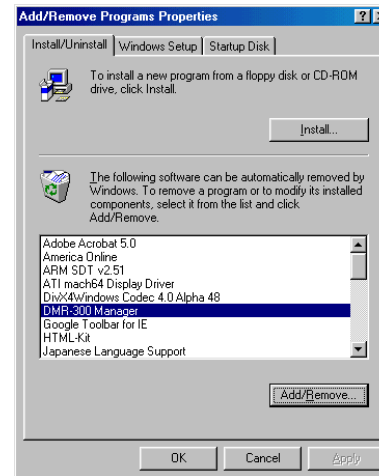
To delete RipFlash DX Manager software,  
Start → Settings → Control Panel



Click Add/Remove Programs.



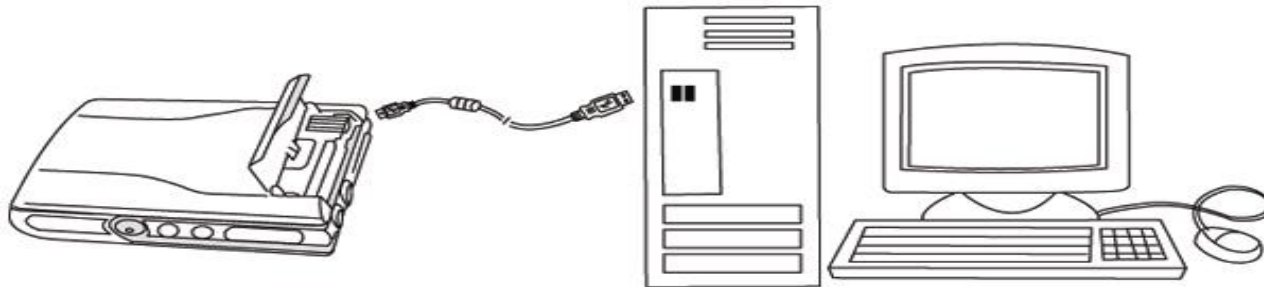
Select RipFlash DX Manager.  
Click Add/Remove.



# Connects to Computer

1. Plug the USB cable into the USB port of computer.

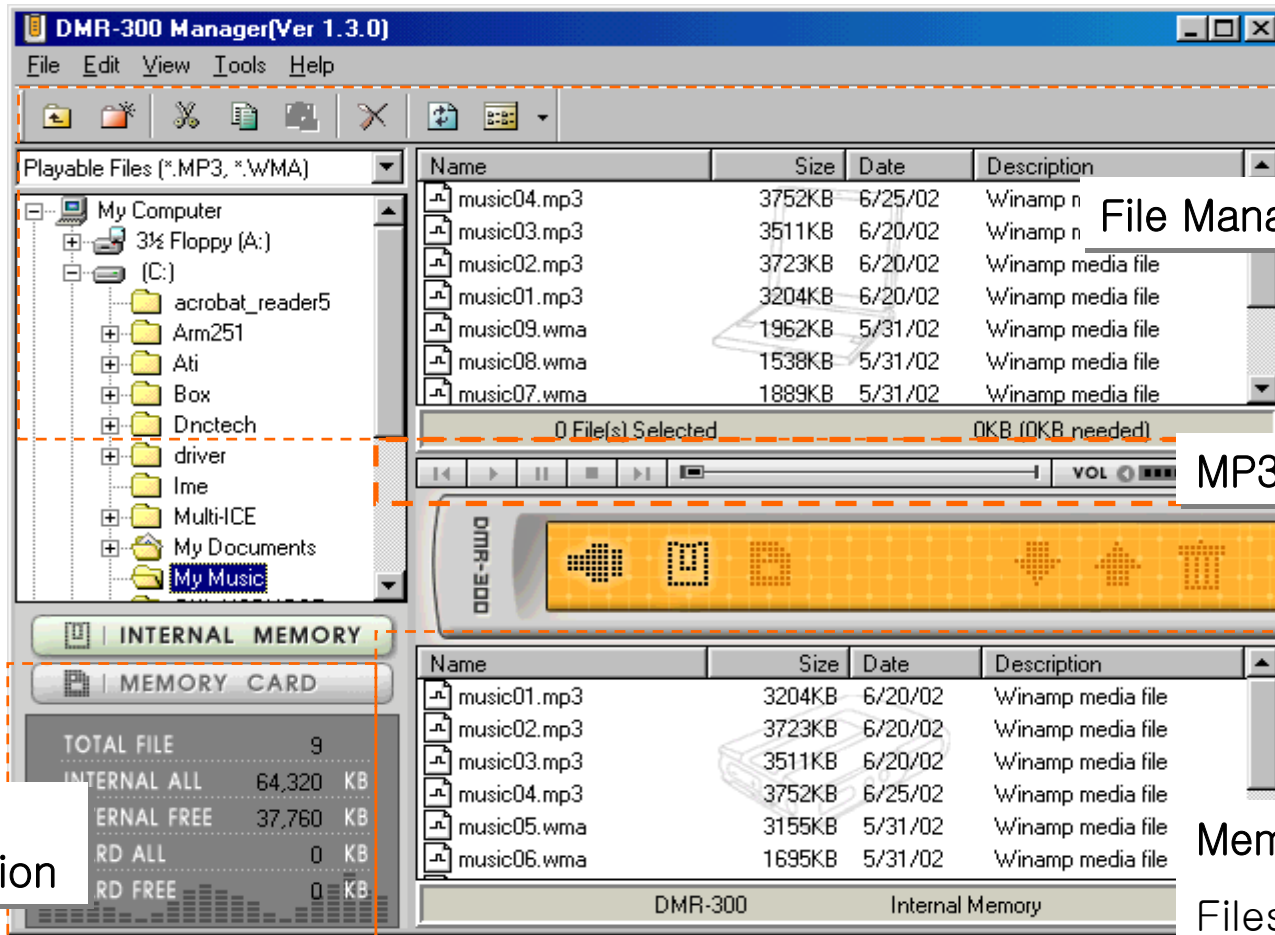
2. Slide the cover of MEMORY / USB in the direction of the arrow.



USB CONNECTED !!

3. "USB CONNECTED" will be displayed on the LCD.

# RipFlash DX Manager Software



File Management Window

MP3/WMA player

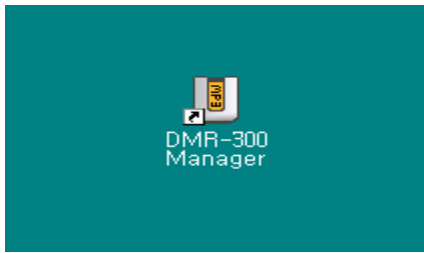
Memory Information

Memory Manager

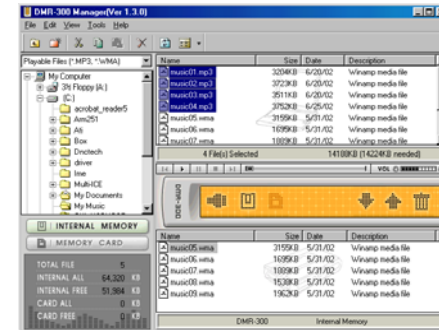
Files currently in the unit's memory.

# Downloading files to "RipFlash DX"(1)

① Double click the icon of the Manager software on the desk.

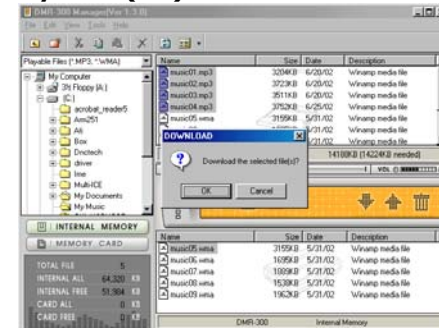
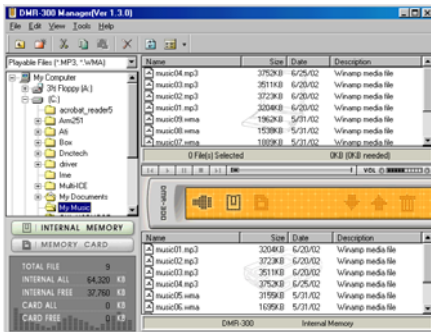


② Select files to download to the player



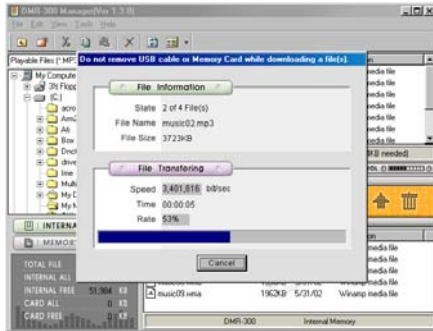
③ Click  Download button.

Or, click 'File(E)' and 'Download to MP3 Player (D)'.

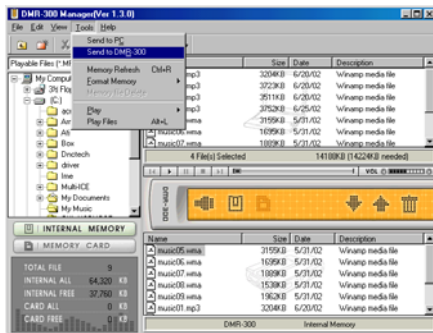


# Downloading files to "RipFlash DX"(2)

## 3. Downloading is displayed.



## 4. Complete the download.



### Note

- ▶ Be sure the display "USB CONNECTED" is on the LCD to download.
- ▶ MP3 file size is one MB per minute.
- ▶ To prevent damage, do not unplug USB cable or eject MMC/SD card.

If the unit does not work. Reinsert batteries.

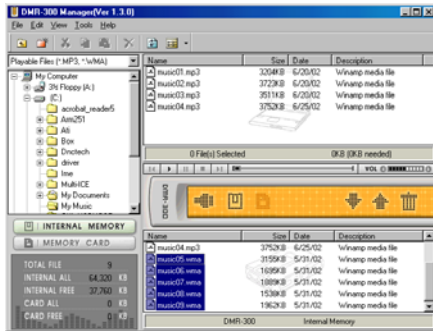
This player does not support a few WMA files, which is encoded under 64 kbps or applied DRM. In this case, The player pops up the warning message and stops the downloading.


☀ The Maximum downloading to built-in memory, MMC and SD card is 256 files.

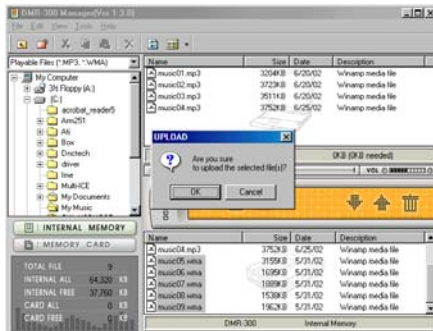
SD card has rewriting protection function. In rewriting protection, memory format, delete a file file downloading.

# Uploading files to PC

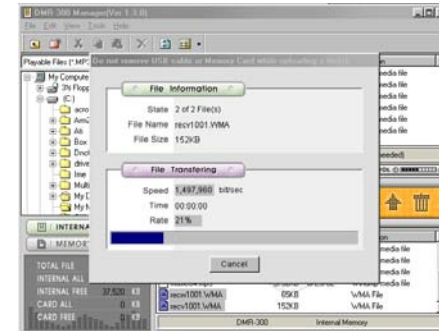
1. Select the file to uploading.



2. Click (  ) upload button.



3. A selected file is transferred to PC.



Note

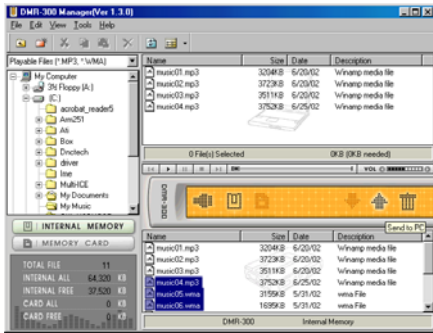
► You can upload general data files (such as MS word files, MS excel files etc.) to PC.


To protect the copyright, uploading is prohibited for all of MP3 and WMA files, excluding voice files.

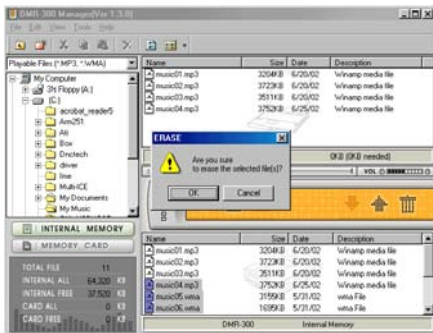


# Deleting files

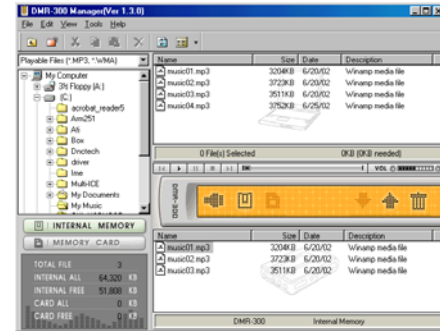
1. Select the file to delete.



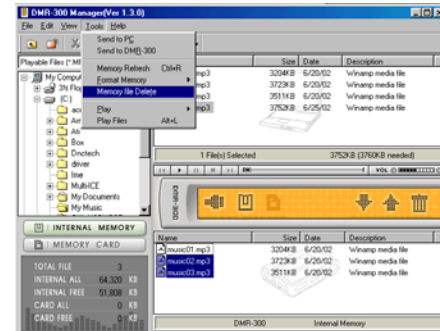
2. Click [File (E)] → [File Delete]  
or, Click (  ) or, Click Right-click File Delete



3. Click [Confirm].





3. Click [Confirm].




# Formatting the memory.

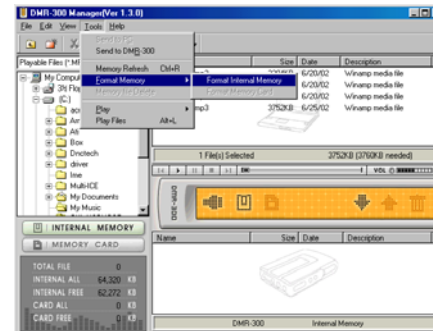
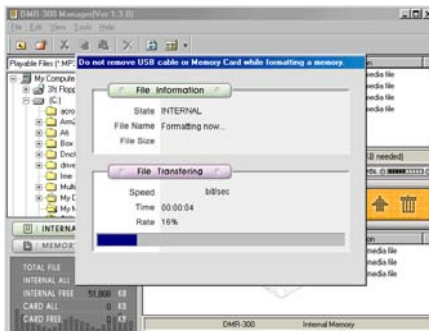
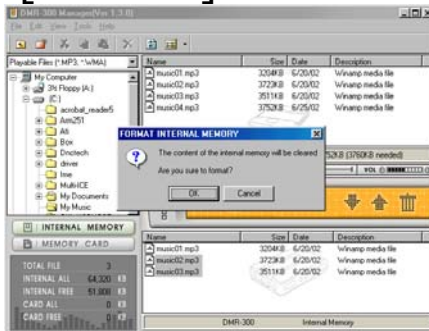
1. Click [Memory] → [internal/External memory format]

Or, Select (  /  ).

2. Click [confirm]

## Note

- ▶ This player has to be connected to PC before formatting.
- ▶ In case the Ripflash DX Manager is disconnected to the player, Click 



## ***What is MoodLogic?***

MoodLogic is music mix management software. It is designed to enhance the experience with your RipFlash. The MoodLogic Light Version is included with your MP3 Manager CD.

It is recommended that you install MoodLogic to manage your songs and create mixes. You can then transfer your music to your RipFlash and enjoy your music on the go!

## ***What is unique about MoodLogic?***

The MoodLogic software connects to a data service that can identify your digital music files and automatically categorize and correctly label your songs.

MoodLogic allows you to easily filter your songs based on their Genre, Artist, Tempo, Release Year, and Mood. You can also pick your favorite song and let MoodLogic instantly create a mix with similar songs for you! Select a song and click the Mix button to see the MoodLogic Instant MusicMix feature in action.

Using MoodLogic, you can rediscover your MP3 collection! It is fun to create new mixes and refresh the content of your RipFlash every day!

## ***How to install MoodLogic from the CD***

To install MoodLogic:

- 1) Place the MP3 Manager CD in the CD-ROM drive of your computer. The MP3 Download Program window is displayed.
- 2) Click the MoodLogic button. The MoodLogic installer launches.
- 3) Follow the instructions in the MoodLogic installer to add your

songs to the

service and

process is

software. The MoodLogic Light Version connects to the data

automatically categorizes 25 of your MP3 files for easy use. This

called "Activation" of your music.

You must be connected to the Internet to install MoodLogic, add, and activate songs because the MoodLogic software retrieves data from an Internet-based service.

## ***How to create mixes and transfer songs to my RipFlash using MoodLogic Light***

The MoodLogic Light Version is included with your RipFlash. You can use it to manually create mixes and transfer songs to your device. Using the Light Version, your main view will be the Search View in MoodLogic, as it lists all the songs you added to the software.

## Manually creating playlists:

To manually create a playlist, click the New Playlist button and name the playlist. Then, go to the Search View and find your favorite tracks. Drag the songs you like and drop them onto your newly created playlist.



## Transferring songs and mixes to your RipFlash:

You have two options to transfer your music to your RipFlash:

- 1) Direct transfer from within MoodLogic: Click the MP3 Player view in MoodLogic and follow the instructions on the screen to download the MoodLogic PoGo! RipFlash plug-in.
- 2) Using the RipFlash MP3 Manager software: Start the MP3 Manager software and drag and drop your songs and mixes from MoodLogic to the MP3 Manager. Use the MP3 Manager to transfer the songs to the RipFlash.

Using MoodLogic Light with your RipFlash is easy! Manually create your mixes and transfer them to your device. Read on to learn more about how to supercharge your RipFlash using the full version of MoodLogic.

## ***What are the features available in the full version of MoodLogic?***

The MoodLogic Light Version activates 25 of your songs for more advanced browsing by Genre, Artist, Tempo, Release Year, and Mood. The full version allows you to activate up to 10,000 songs! Go to the My Active Music View to get a taste of the full version, see your songs cleaned up and organized, and experiment with the Genre, Artist, Tempo, Release Year, and Mood filters.

The following pages explain the features of the full version and how to fully use MoodLogic with your RipFlash. You can upgrade to the full version by clicking "Buy" in the Activation Center.

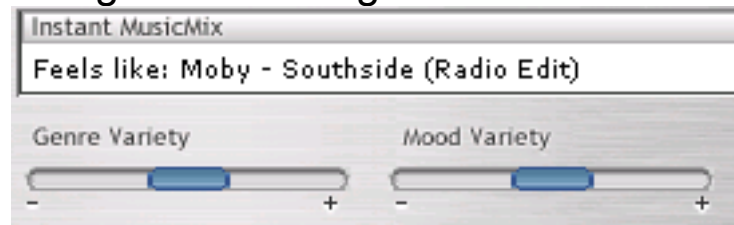


## Creating an Instant MusicMix:

The easiest way to create a mix in MoodLogic is to use the Instant MusicMix feature. Simply go to My Active Music, select a song that you like, and click the Mix button on the bottom right corner in MoodLogic.



MoodLogic creates an Instant MusicMix for you, by scanning your collection and showing songs that are similar to your selected song. The more music you have, the more songs you will “rediscover” using the MoodLogic Instant MusicMix!

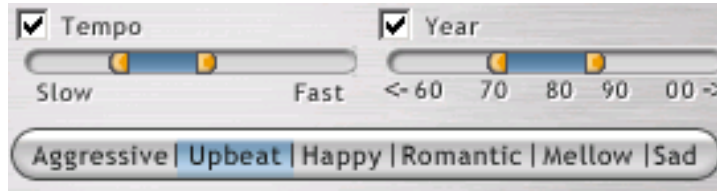


Move the Genre Variety and Mood Variety to increase or decrease the number of songs in the Instant MusicMix. You can save the playlist for later use, change the sequence of the songs, and delete tracks from your Instant MusicMix.

Refresh your RipFlash in three easy steps. 1. Find your favorite track. 2. Create an Instant MusicMix. 3. Transfer to device.

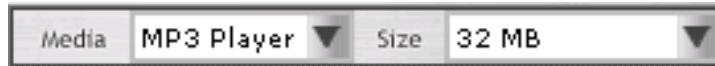
## Using My Active Music filters:

In My Active Music, you can use MoodLogic filters to locate songs of a particular genre or by a particular artist, as well as by Tempo, Release Year, and Mood. These filters help you find your “mellow jazz songs of the ‘70s” for your commute or your “fast, aggressive, rock songs” for your workout.



## Playlist splitting:

Using the full version of MoodLogic, you can split your playlists into various sizes to fit your RipFlash storage capacity. This option is available from your Instant MusicMix View, from all saved playlists, and the Search View.



Select the appropriate duration of your playlist in megabytes and use the right-click menu options to select a certain segment and transfer it to your RipFlash.



## ***How to add and activate new songs***

To add songs to MoodLogic, click Add Music in the Activation Center. Whenever you add songs to your computer, you should add them to MoodLogic.



To activate songs (identify the songs in your collection and allow them to be filtered in My Active Music), click Activate Music in the Activation Center.



## ***How to activate songs that are ripped using the RipFlash recording feature***

You can use RipFlash to rip CDs directly from your CD player without the need of a computer (refer to the RipFlash manual for more information). These tracks will not have correct artist and song information.

Using the full version of MoodLogic, you can connect to the MoodLogic data service and automatically organize and label these tracks and add them to your growing MP3 collection

First, copy the ripped songs onto your computer and add these files to MoodLogic.

If you installed the PoGo! RipFlash plug-in from MoodLogic, you can copy these songs to your computer from your MoodLogic MP3 player view. Select the songs you want to copy and use the Copy from device right-click menu option.

If you did not install the PoGo! RipFlash plug-in, use your MP3 Manager software to upload your songs to your computer.

Then, use the MoodLogic Activation Center to Add Music and Activate your songs.

Using the combination of MoodLogic and your RipFlash you can start growing a fully organized music collection. Simply rip songs into your RipFlash and let MoodLogic automatically identify them and add them to your Active Music collection.

# System Requirements

IBM® PC / AT and compatibles	
CPU	Pentium 133MHz or Higher
Main Memory	32MB and above
CD-Rom drive	
Available USB port	
Operating system	Windows 95 / 98 / ME / 2000 / XP

## ⚙ **note**

While up-loading the voice file or data to PC, hard disk space for the file is required.

# Trouble shooting

## < On the software >

Q Memory space is full.

A Upload files to PC or delete files. You can recognize the memory space with DMR-300 manager.

Q USB cable is disconnected

A Make sure USB cable is plugged to PC correctly and confirm the message "CONNECTED" on LCD.

Q Error appears

A It is a temporary memory error by static electricity. Format your memory.

Q You can not install DMR-300 Manager software.

A Make sure you have the correct OS. The available OS is Win95 OSR 2.1 and over / Win98 / 98SE / ME / 2000 / XP.

Q I do not have USB connector

A Upgrade your PC.

Q I did not install the drive.

A Install Management software Manually. "Installing Manager software"

Q My computer does not support USB.

A Upgrade your computer or add the patch software.

# Frequently asked question

## < The controls on the unit do not work. >

Q	No battery, the power is almost out or the inserted batteries are in the wrong polarity.
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A	Check batteries in the player. Replace or reinsert the batteries.
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## < There's no sound. >

Q	Sound is too low.
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A	Press (+) to increase volume.
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Q	In (HOLD) mode
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A	Unlock your Hold button.
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# Specification

Frequency range	20Hz ~ 20kHz
Memory capacity	DMR-300T4:128MB
Battery	AAA alkaline battery.
Output level	5mW + 5mW(1kHz, 0dB/16Ω)
Equalizer	LIVE/JAZZ/ROCK/FLAT
Earphone jack	3.5mm
Dimensions	2.83" X 1.96" X 0.70"
2 alkaline batteries	Approximately 13 hrs
weight	54g(without batteries)