

# DMR-300 User's Manual

[www.dnctech.com](http://www.dnctech.com)

# Table of contents

## **- Preparations -**

Warning  
Components  
Using buttons and controls  
Inserting the batteries  
Adding MMC / SD card

## **- Basic operation-**

Playing songs on "DMR-300"  
Selecting the track and volume control  
Remote control  
Hold function/ Local repeat

## **- Additional operation -**

Using mode options and settings  
Setting up EQ  
Repeating tracks  
Memory information

Record bit rate  
Delete  
Encoding function  
Recording the voice

## **- Connection to computer -**

Installing Manager software  
Deleting Manager software  
Connecting to computer  
Downloading files to DMR-300  
Uploading files  
Deleting files  
Formatting the memory

## **- Appendix -**

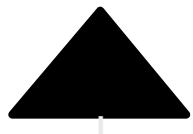
System requirements  
Trouble shooting  
Specification

# 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 expose4 this appliance to rain or moisture.

To avoid electrical shock; do not open the cabinet. 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 it during the driving, bicycling or operating other machine.

Do not insert a metal with batteries. (risk of blaze)

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 2 feet)

Do not drop or give a mechanical shock to the unit.

Do not place the unit in locations described below :

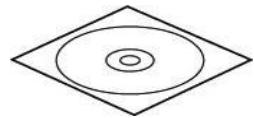
  ? Places exposed to direct sunlight, extreme heat or magnetized place

  ? Humid or moist places

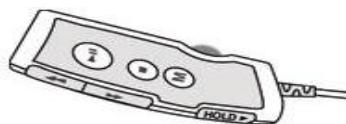
  ? No ventilation or dust places

Do not clean it with thinner, alcohol or benzene.

# Components



Software  
installation CD



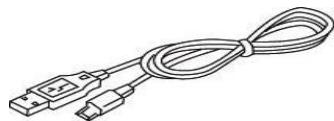
Remote  
control



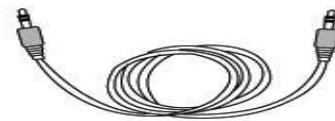
Ear phone



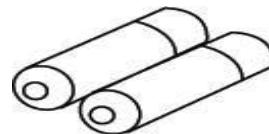
Necklace



USB cable



Line in cable



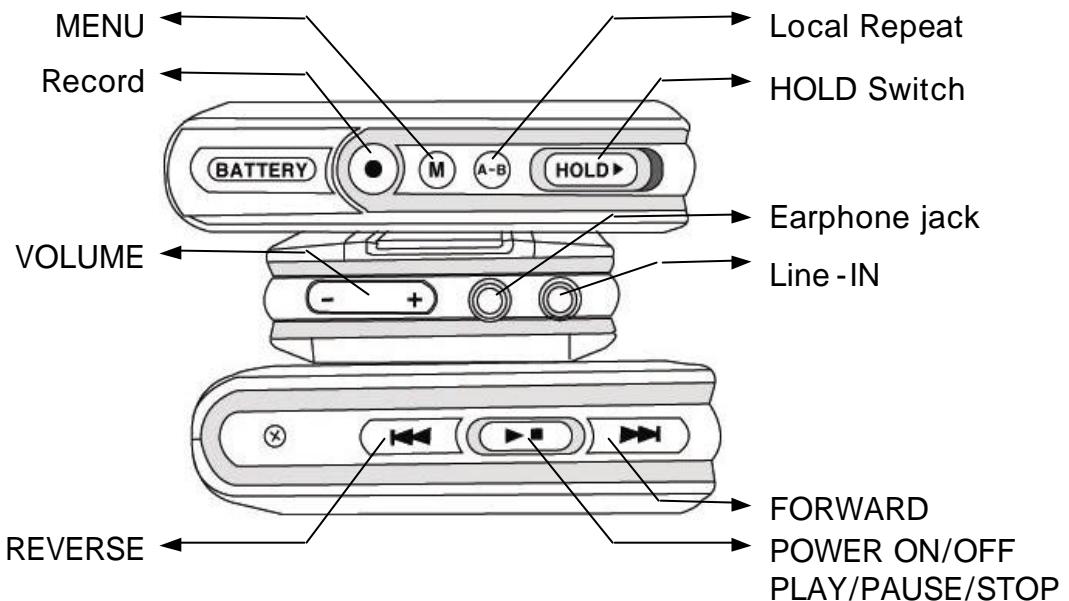
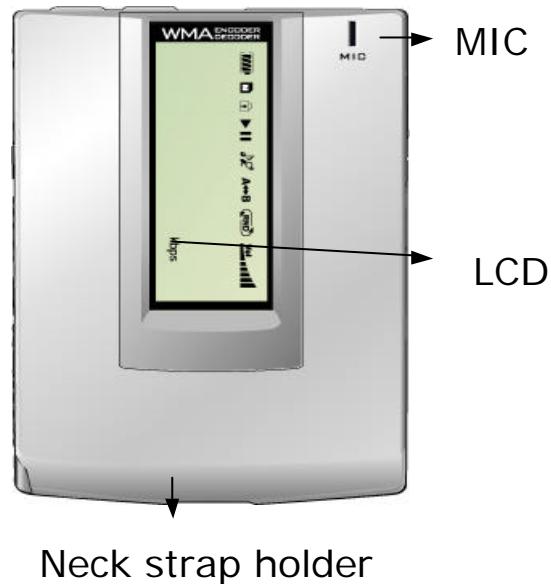
2 AA type  
batteries



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

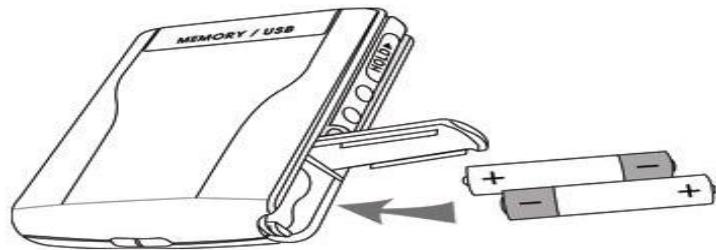


Play mode icon



Volume level

# Inserting Battery



Slide open the cover as shown in the figure.

Insert 2 AA alkaline batteries (supplied). Slide the cover back to close.

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 (+, -) to insert the batteries.

 The bars inside a battery icon displays the remaining battery capacity.

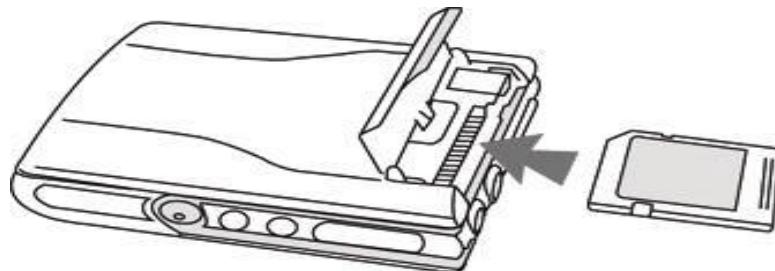
 The icon will blink when the batteries have almost run out. This unit will be automatically powered off in 30 minutes from this time.

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.

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



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

Eject MMC / SD card,

Press the MMC / SD card in the direction of the arrow.

MMC / SD card will pop up.  
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 down load the MP3 file.(33page)
- Downloading to the MMC or SD card is the same as downloading to internal memory.(29page)

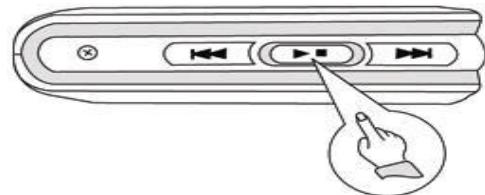
# Playing songs on “DMR-300”

## < Playing / turn on >

Insert the batteries and connect the earphones to the player.

Press  to turn on.

Press  again to play a song.



## < Pause >

Press  to pause while playing.

When paused, press  to play.

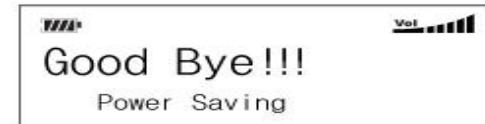
## < stop / turn off >

Press and hold  for 3 seconds to stop.

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

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

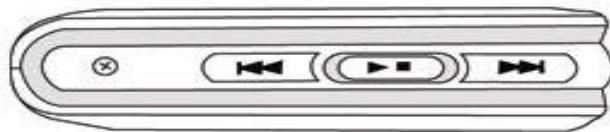
When stopped, press  to play.



## 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.

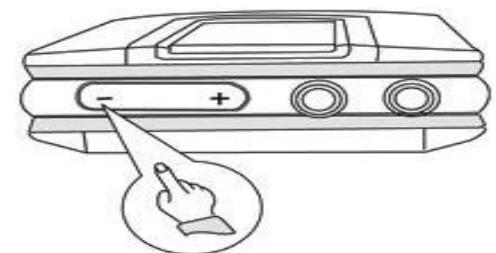
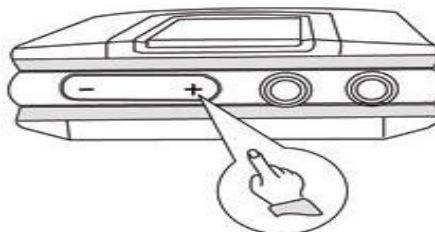
**Note :** Audio quality will reduce when playing MP3 files of 64kbps or less.

Press +/- button to adjust the volume while playing.

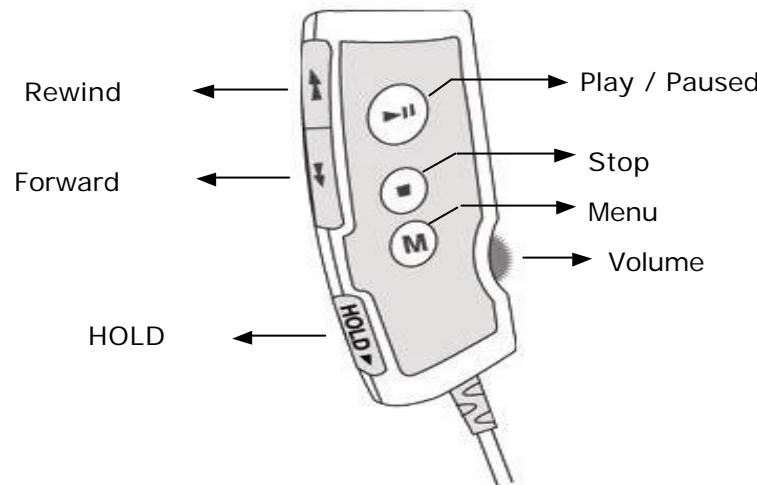
Press +/- button to adjust step by step.

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.

---

Press and hold **●** to turn on the player.

Press **●** to play.

Press **●** to pause.

**●** Press **●** rapidly twice to move the next track.

Press **●** rapidly three times to move to the beginning of the current track or the previous 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.

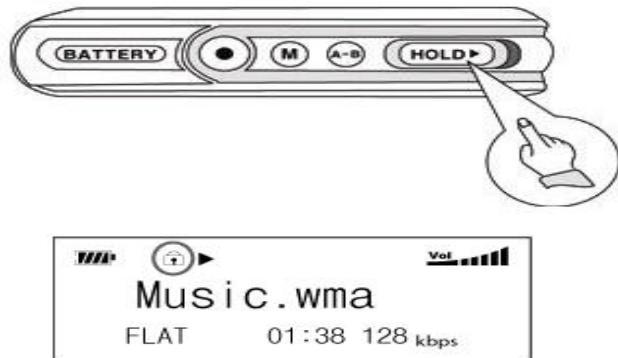
---

## 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,

Press  to start the local recording.

Press  to finish the local recording.

Repeat the recorded part.

Press  to finish the local repeat and play the current track.

## Using mode options and settings

Use the **(M)**ode button to select the following mode options.

The player displays a mode in the order of 'EQ' 'REPEAT' memory information 'Record Input' 'Record Bitrate' as you press **(M)** .

EQ (Equalizer)	LIVE/JAZZ/ROCK/FLAT
REPEAT (file order)	REPEAT ONE / REPEAT ALL / RANDOM
ERASE	ERASE FILE
Memory Information	INTERNAL MEMORY TOTAL / INTERNAL MEMORY REMAIN / EXTERNAL MEMORY
Record Input	Internal Mic Line in
Record bitrate	8 ,16 ,32, 64, 128 kbps



# Setting up EQ(Equalizer)

Press  to set up EQ.

Press  to select the following menus; FLAT, LIVE, JAZZ, ROCK.

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 **M** twice to set up REPEAT.

Press **▷▷** to select REPEAT menu.

The mode will be scrolled in the order of  
'NORMAL' 'REPEAT' 'REPEAT  
'REPEAT' 'ALL' 'RANDOM  
'RANDOM ALL' as you press **▷▷**.



ONE  
PLAY

## 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

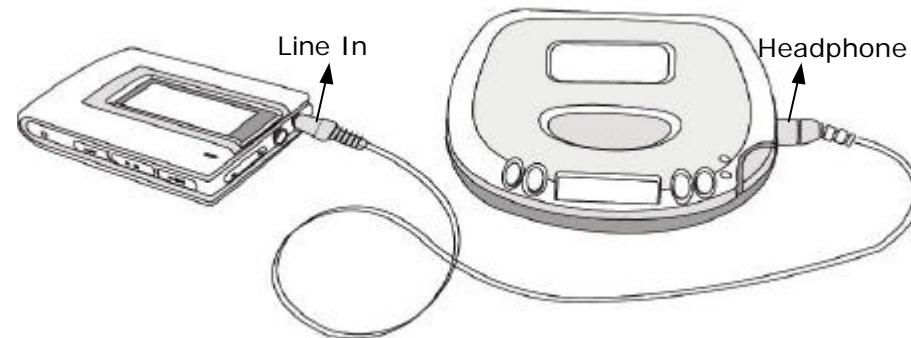
Press  three times to display the memory information.

Press  to indicate memory status in the order of 'INTERNAL MEMORY TOTAL' 'INTERNAL MEMORY REMAIN \_\_MB' 'EXTERNAL MEMORY TOTAL' 'EXTERNAL MEMORY REMAIN \_\_MB', as you press.

# Record Input

Press  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.

## Delete

Press **6** six times to delete a track.

Press **SEARCH** to search the track.

Press **SELECT** to select the track.

When 'Confirm: Yes" is displayed, press **YES** to delete the track.

If you do not need to delete the track, press **NO** to display 'Confirm: No' and press **SELECT** to return to the previous menu.

## Encoding function

First, set up Record Input mode on Line In.

Turn on the player or stop the Playing.

Plug in the Line-in cable into the Line in jack of the player and Line out jack of other device.

Press  of other device and press  of the player to record.

# Recording Voice

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

Turn on the player or stop the Playing.

Press  to record the voice.

Press  to stop the recording.



## Note

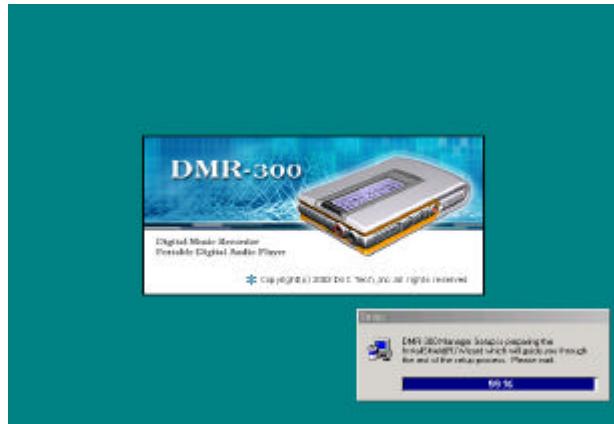
When memory is full, 'FULL' is displayed.

Voice is recorded only on the internal memory.

# Installing Manager software

Insert the installation CD into your CD-ROM drive.

The installation CD will auto-run when loaded into a PC.



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



## Note :

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

Click MP3 Explorer Plus in CD-ROM drive.

Click setup icon in "MP3 Explorer Plus" folder.

# Installing Manager software

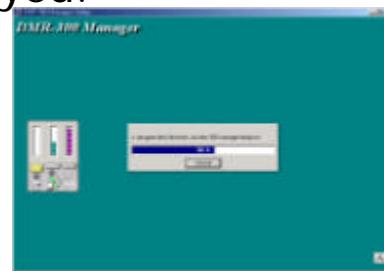
Enter user information.



Click [NEXT] button to install into the recommended folder. C:/ Program files/ DMR-300 Manager)  
Click Browse to choose another folder.



Installation of management software is displayed.



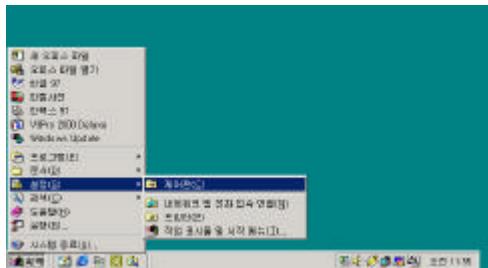
Click “**Finish**” button to complete the installation.



# Deleting Manager software

To delete DMR-300 Manager software,

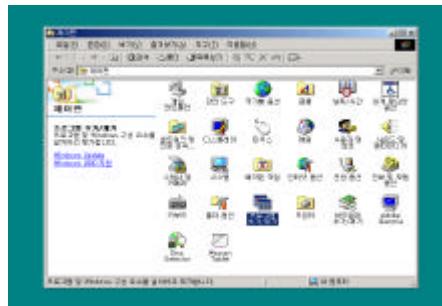
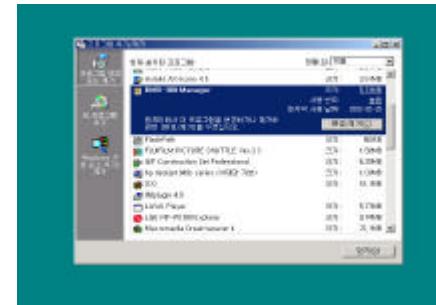
Start      Settings      **Control Panel**



Click Add/Remove Programs.

Select **DMR-300 Manager**.

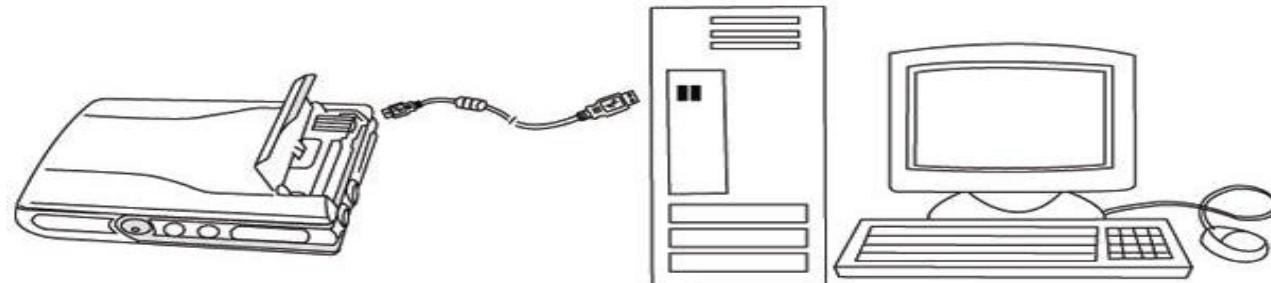
**Click Add/Remove.**



## 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 !!

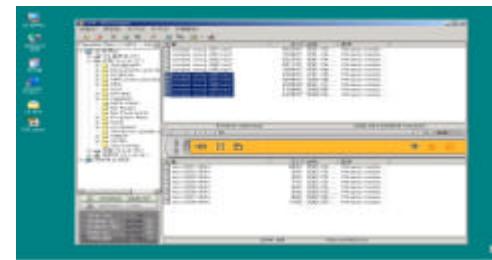
3. "USB CONNECTED" will be displayed on the LCD.

## Downloading files to “DMR-300”(1)

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

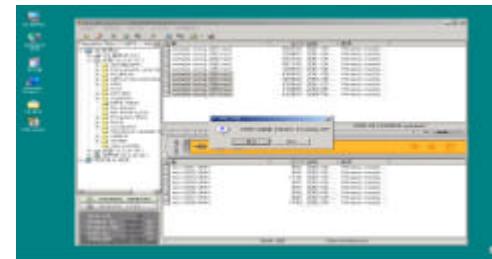
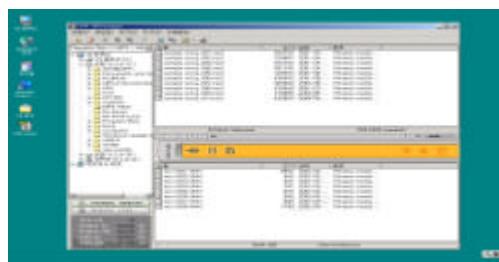


Selects files to download to the player.



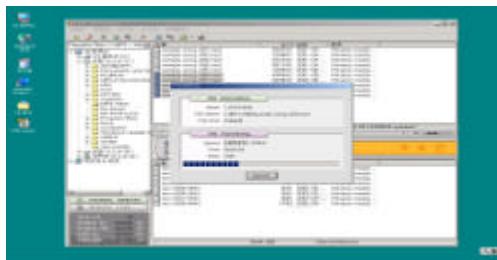
Click Download button.

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

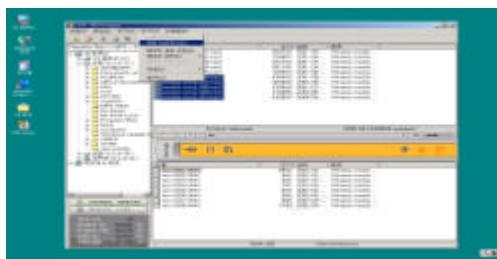


## Downloading files to “DMR-300”(2)

3. Downloading is displayed.



4. Complete the download.



### Note

- ? Be sure the display “USB CONNECTED” is on the LCD to download.
- ? MP3 file per minute is about 1MB memory.
- ? Do not unplug USB cable or eject MMC/SD card to prevent damage.

If it does not work. Reinsert batteries.

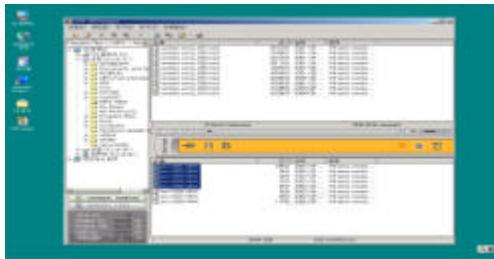
This player does not support a few WMA files, which is encoded under 64 kbps or applied DRM. In this case, The player pops up the warning message and stops the downloading.

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

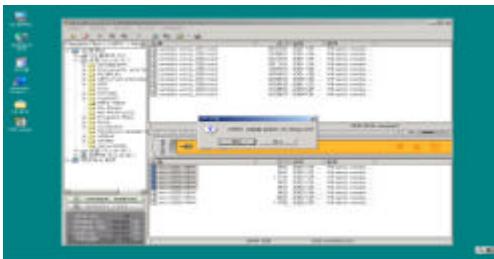
SD card has rewriting protection function. In rewriting protection, memory format, delete a file, file downloading.

# Uploading files to PC

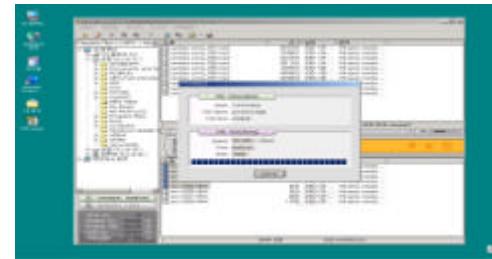
## 1. Select the file to uploading.



2. Click (  ) upload button.



3. A selected file is transferred to PC.



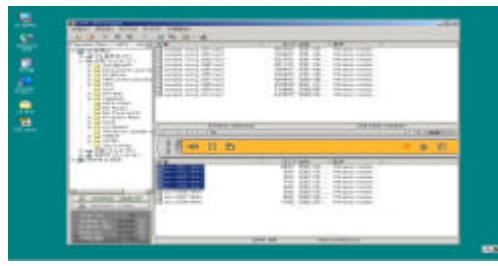
## Note

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

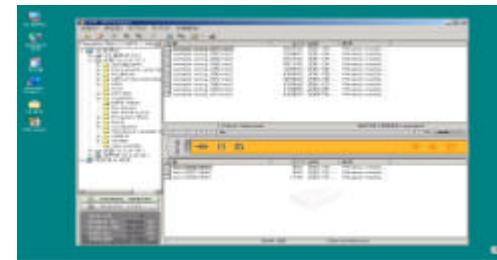
To protect the copyright, uploading is prohibited for all of MP3 and WMA files, excluding voice files.

# Deleting files

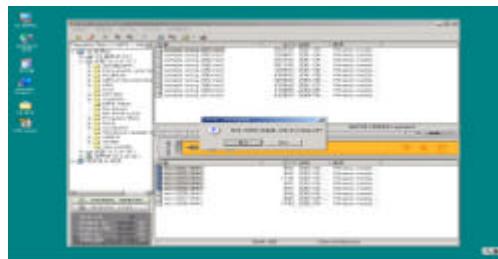
1. Select the file to delete.



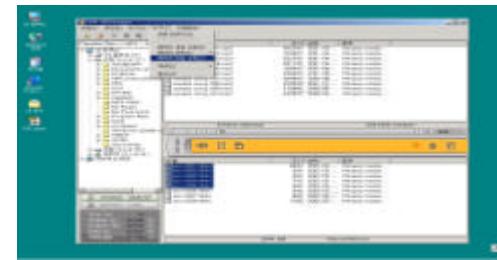
3. Click [Confirm].



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



3. Click [Confirm].

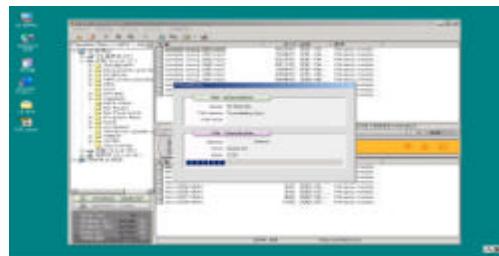
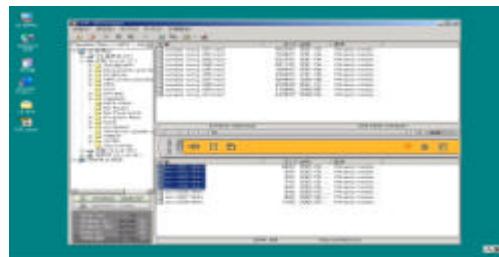


# Formatting the memory.

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

Or, Select (  /  ).

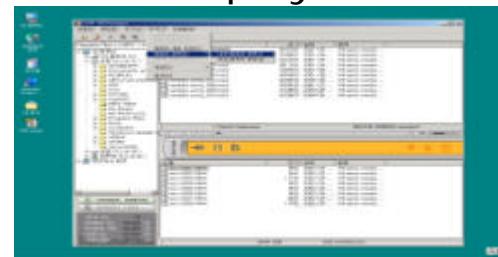
2. Click [confirm]



## Note

? This player has to be connected to PC before format. .

? In case the DMR-300 Manager is disconnected to the player, Click 



# System Requirements

---

## IBM® PC / AT and compatibles

---

CPU	MMX Pentium® ???MHz and above
-----	-------------------------------

---

Hard disk space	200?MB and above
-----------------	------------------

---

CD-Rom drive	
--------------	--

---

Default built-in USB port	
---------------------------	--

---

Operating system	WIN95 OSR 2.1 / WIN 98 / ME / 2000
------------------	------------------------------------

---

### ? **note**

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

## Trouble shooting

Q	Memory space is full.
A	Upload files to PC or deletes 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 OS. The available OS is Win95 OSR 2.1 and over / Win98 / 98SE/ME/2000.
Q	I do not have USB connector
A	Upgrade your PC.
Q	I did not install the drive.
A	Install Management software Manually. "Manager (1)"
Q	My computer does not support USB.
A	Up grade your computer or add the patch software.

# Frequently asked question

## < Not working >

---

Q	No battery, the power is almost out or the inserted batteries are in the wrong polarity.
A	Check batteries in the player. Replace or reinsert the batteries.

---

## < Not working >

---

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

---

# Specification

Frequency range	20Hz ~ 20kHz
	DMR-300N3 : 32MB
Memory capacity	DMR-300N6 : 64MB
	DMR-300N9 : 6MB
	DMR-300N13:128MB
Battery	AAA alkaline battery.
Output level	5mW + 5mW(1kHz, 0dB/16 )
Equalizer	LIVE/JAZZ/ROCK/FLAT
Earphone jack	3.5mm
Dimensions	2.83" X 1.96" X 0.70"
2 alkaline batteries	13 hrs
weight	54g(exclude batteries)

## FCC Information

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.

**CAUTION : Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.**