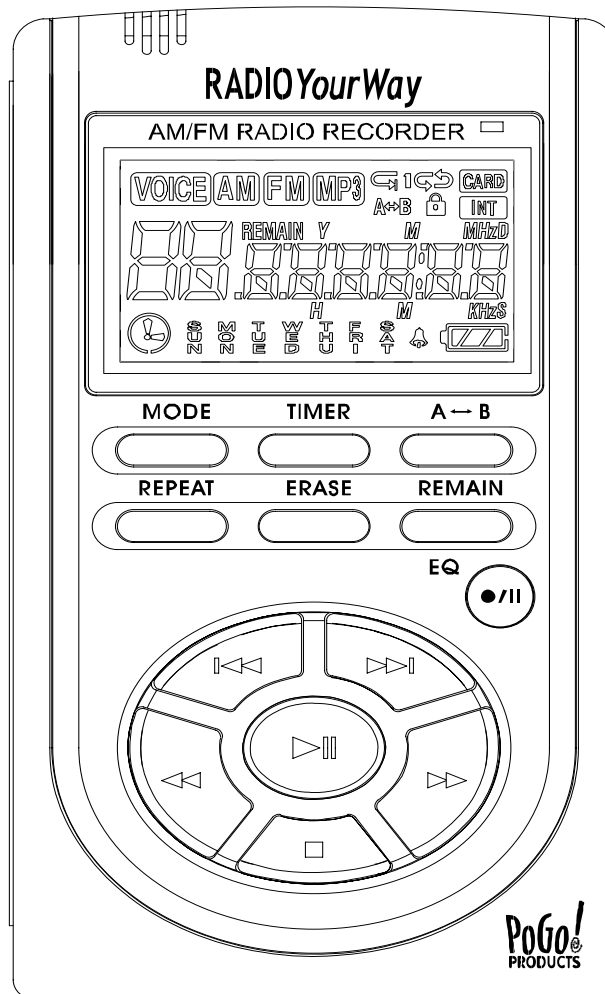AM/FM Radio Recorder/Voice Recorder/MP3 Player

MODEL: DDR-4000R (32MB / 64M / 128M)

User's Manual

Thank you for purchasing DDR-4000R. Please read all the information in this User manual carefully prior to using DDR-4000R and keep this guide handy for future reference.

FCC Information

This device complies with Part 15 of the FCC Results. Operation is subject to the following two conditions:

(1) This Device may not cause harmful interface, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. 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 correct the interference by one or more of the following measures:

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

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Table of Contents

1). DDR-4000R Series

1). Precautions
- ● Do not drop DDR-4000R, it may cause a malfunction.
- ● Do not leave DDR-4000R in the following areas:
  - – Place of high temperature (above 60℃)
  - – Exposed to direct sunlight or near heating appliances.
  - – Inside a car; especially in the summer
  - – High humidity area like a bathroom
- ● Avoid any impact to the LCD Display
- ● Do not place credit cards, phone cards, bank books or subway tickets near DDR-4000R. The magnetism of the player may damage the data stored in the magnetic strip.
- ● We are not responsible for any damage or claims from a third party resulting from the use of DDR-4000R.
- ● We are not responsible for any loss of files caused by any reason.
- ● Do not repair, disassemble or make modifications to DDR-4000R.
- ● Do not use DDR-4000R in any area designated **No Electronic Devices** like airports or medical facilities.
- ● Do not operate while driving.
- ● If DDR-4000R is misused by the user, subjected to static electricity or electrical shock even if just changing the battery, the files stored in the memory may be lost or corrupted.
  Backup all important data!
- ● Only insert a memory card when the unit is off or a malfunction may occur

2). Player Functions

   DDR-4000R is manufactured under strict quality control procedures to ensure the best performance and customer experience.

   .

● Elegant Design and Exterior Finishing

   DDR-4000R is designed with the customer in mind. Using a wide LCD Screen and half miller window to eliminate the closeness of a small display and show off a high class image to enhance the user's experience.

● AM/FM/Voice Recording and MP3 PLAYER

   DDR-4000R can record AM/FM/Voice and play MP3 files.

● External memory

   DDR-4000R has the ability to expand the memory capacity using SD or MMC memory cards.

● Record AM/FM RADIO

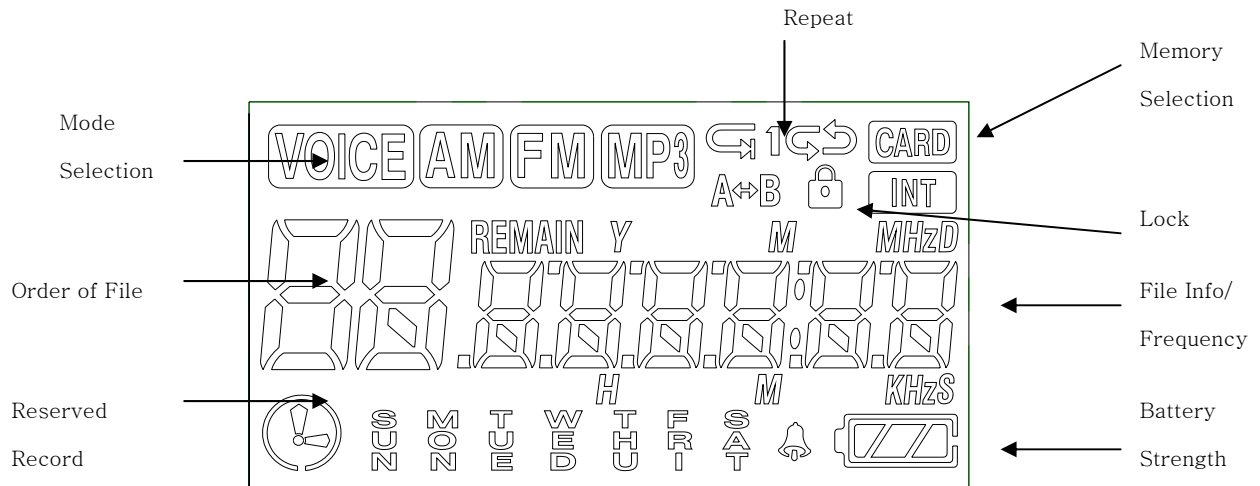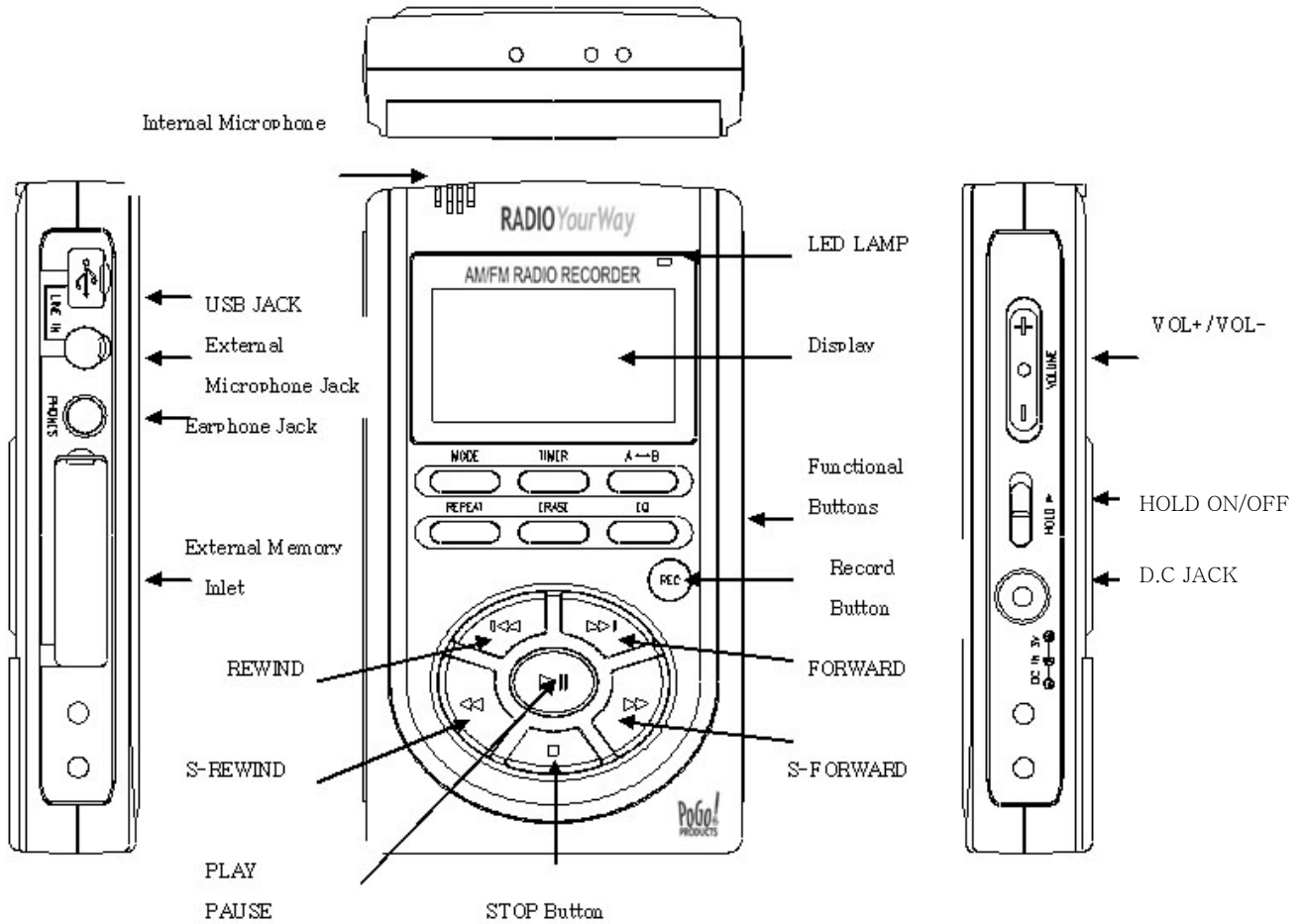   With DDR-4000R you can record live or future AM/FM broadcasts.

● RYW-EXPLORER

   With DDR-4000R you can transmit data between the device and your PC and even send those files to a friend using E-mail.

● Recording Timer

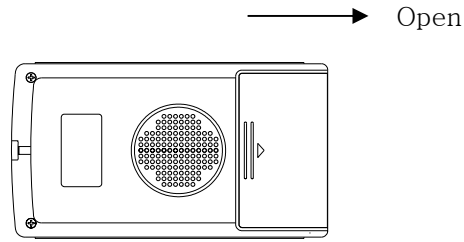   DDR-4000R can be programmed to record voice or radio at a later time with its built in timer.

- ● USB Interface
- ● Displays file/frequency/current time on the wide LCD Screen
- ● Built-in calendar up to the year 2099
- ● Elegant Design and Exterior Finishing
- ● Built-in microphone
- ● Separate and record files up to a high tone quality of 99
- ● Lock (HOLD) function to prevent unnecessary battery consumption caused by an accidental key press.
- ● TIMER recording function to allow voice or radio recording at a later time/date.
- ● REPEAT PLAY allows a message to be played repeatedly
- ● Section Repeat Play (A↔B REPEAT PLAY)
- ● Automatic power OFF after 3 minutes of no use.(SLEEP MODE)
- ● MONITOR Function allows the user to listen to what is being recorded using an earphone (MONITOR)
- ● H/D Function may be used as a portable hard disk (32MB)
- ● Volume adjustable 30 levels
- ● EQ equalizer modes (NORMAL,ROCK,JAZZ,CLASSIC,POP)
- ● Repeat (NORMAL/SECTION REPEAT/1 TRACK/ALL TRACK)
- ● Download and playback of MP3 Files
- ● Real time or reserved FM RADIO RECORDING function
- ● Real time or reserved AM RADIO RECORDING function
- ● AM/FM PRESET CH function
- ● Setting up to 10 reserved recordings is possible
- ● S-FORWARD and S-REWIND Searching function (10 times/100 times searching)
- ● External memory slot (SD-CARD/MMC)
- ● Built-in high-power speaker
- ● Easy recording from external audio devices
- ● Recover time and settings after replacing the battery (BACK-UP Function)

3). Components and LCD Display

Internal Microphone

USB JACK

External Microphone Jack

Earphone Jack

External Memory Inlet

REWIND

S-REWIND

PLAY PAUSE

STOP Button

FORWARD

S-FORWARD

LED LAMP

Display

Functional Buttons

Record Button

VOL+/VOL-

HOLD ON/OFF

D.C JACK

RADIO YourWay

AM/FM RADIO RECORDER

MODE   TIMER   A↔B

REPEAT   ERASE   EQ

REC

Repeat

Memory Selection

Mode Selection

Lock

Order of File

File Info/ Frequency

Reserved Record

Battery Strength

VOICE AM FM MP3 CARD INT

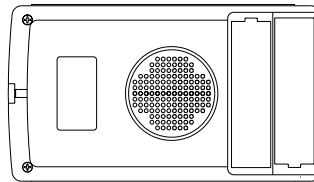REMAIN Y M MHzD

H M KHzS

SUN MON TUE WED THU FRI SAT

4). Battery Use and Description of Components

① Open the Battery Cover.

Open
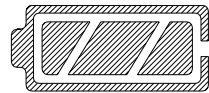
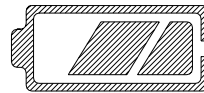② Close the cover after inserting two AAA batteries corresponding to the correct (+) (−) polarities.

Battery: (SIZE "AAA" or UM-4)

③ Check the battery strength by pressing the PLAY/STOP or record mode button.

Battery strength is strong.　　　　Battery is partially run down.

Battery is almost run down.　　　　Replace the battery.

※　Caution

Check the polarities of the batteries if the LCD Display doesn't turn ON after inserting new batteries.

※ Note

If you do not use DDR-4000R for a long time, the batteries may be run down naturally.

Take out the batteries if you do not plan on using DDR-4000R for a long time.

④ Battery Life

Battery Type	Recording	Playback via Speaker (Volume: Middle)	Playback via Ear phone
Alkaline "AAA" LR-03	Approx 11hr	Approx 9hr	Approx 15hr

⑤ Caution when Using the Battery

● Do not use different types of batteries together.

● If you do not use this recorder & player for a long time, take the batteries out of the body.

● When using rechargeable batteries, carefully read the manual of the battery and charger before using them.

⑥ Components

STEREO EARPHONE, INSTALL CD
LINE/IN CABLE, USB CABLE, TWO AAA BATTERIES, NECK STRAP

5). Basic Functions

● Turning the Power ON/OFF

To turn the player on, hold the PLAY button for 1-3 seconds.
If no key is pressed for more than 3 minutes, the power is automatically shut OFF.
To turn the player off, hold the STOP button for 1-3 seconds

If you put in the provided batteries after purchasing DDR-4000R, the Power should turn ON and the initial display screen appears
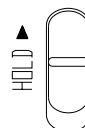When the power is OFF, you may turn the power ON by pressing the PLAY Button.

● How to Use the HOLD function

When the lock button is in the upper position, the player is in HOLD and will not operate.
Use this recorder & player only after checking the lock switch is released from the HOLD position.
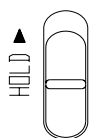
HOLD OFF   HOLD ON
Released   Player not operable

6). VOICE/AM/FM/MP3 Buttons

● VOICE FILE Domain (VOICE)

Upon operating the keys, ─ means a short press and ─ ─ means pressing and holding (longer than 1 sec).

Buttons	Key Operations	Stopped	Upon Recording	Playing
▶ ‖	─	Plays the beginning of a file	X	Pauses a file
▶▶‖	─	Moves to the next file	X	Begins to play the next file
‖◀◀	─ ─ ─	Moves to the previous file	X	Plays the previous file If key held down more than 5 seconds, goes to the beginning of the file
▶▶	─,─ ─	S-FORWARD current file	X	S-FORWARD current file faster
◀◀	─,─ ─	S-REWIND current file	X	S-REWIND the current file faster
■	─	Stop status	Stop recording	Stops playing
	─ ─	Power OFF	Power OFF after recording	Power OFF
MODE	─	VOICE/AM/FM/MP3	X	VOICE/AM/FM/MP3
TIMER	─	Checks the TIME and sets the timer for a future recording	X	X
	─ ─	Modifies the TIME Setting	X	X
A-B	─	Selects from the external/internal memories	X	Repeats the playing section between A-B
REC	─	Recording	Stop recording for a while	X
REPEAT	─	Change the repeat setting	X	Change the repeat setting
ERASE	─	Deletes the current file (push erase to confirm when blinking)	X	X
	─ ─	Deletes all files (push erase to confirm when blinking)	X	X
EQ	─	Checking Remain Time	Check Remain	X
	─ ─	Changing Bit-rate(32/16Kbps)		X
REMAIN	─	Shows remaining record time in Voice mode	Shows remaining record time in Voice mode	X
VOL		VOLUME(+)(−)	VOLUME(+)(−)	VOLUME(+)(−)
HOLD		ON/OFF	ON/OFF	ON/OFF

● AM/FM Radio Domain (RADIO/KEY Operation)

Buttons	Key Operations	Receiving	Upon Recording
▶ ‖	─	PRESET the station	X

▶▶	—	Changes to the next preset	X
◀◀	—	Changes to the previous preset	X
▶▶	—,——	SEEK TUNNING/AUTO TUNNING	X
◀◀	—,——	SEEK TUNNING/AUTO TUNNING	X
■	—	X	Stops recording
	——	Power OFF	Power OFF
MODE	—	VOICE/AM/FM/MP3	X
TIMER	—	Checks TIME and reserved settings	X
	——	Sets and modifies TIME	X
VOL+		VOLUME+	VOLUME+
VOL-		VOLUME-	VOLUME-
HOLD		ON/OFF	ON/OFF

> Note) The earphone plays the role of the antenna in the FM Radio.
>
> If the earphone wire is longer, receiving sensitivity is improved.

● MP3 FILE Domain (MP3)

Buttons	Key Operations	Upon Stopping	Upon Playing
▶ Ⅱ	—	Play the current file	Pauses the file
▶▶	—	Move to the next file	Begins to play the next file
◀◀	—	Moves to the previous file	Plays the previous file
	——		If key held down more than 5 seconds, goes to the beginning of the file
▶▶	—,——	S-FORWARD current file	S-FORWARD current file faster
◀◀	—,——	S-REWIND current file	S-REWIND current file faster
■	—	Stop	Stops playing file
	——	Power OFF	Power OFF
MODE	—	VOICE/AM/FM/MP3	VOICE/AM/FM/MP3
TIMER	—	Checks TIME	X
	——	Modifies TIME Setting	X
A-B	—	Selects from the external/internal memory	Repeats playing section between A-B
REPEAT	—	Changes repeat setting	Changes repeat setting
ERASE	—	Deletes the current file	X
	——	Deletes all files	X
EQ	—	ROCK/CLASSIC/NORMAL/POP/LIVE	ROCK/CLASSIC/NORMAL/POP/LIVE
VOL+		VOLUME+	VOLUME+
VOL-		VOLUME-	VOLUME-
HOLD		ON/OFF	ON/OFF

7). Timer and recording

You need to set the current date and time prior to initiating a recording.

① Press and hold the TIMER Button while the player is stopped.

② When you hold the TIMER Button, the day will be flickering and then if you press ▶▶ or ◀◀ you can change the day. Push the PLAY Button to set and now the window displaying the time will also be flickering. If you press ▶▶ or ◀◀ you can change the hour, press PLAY again to set and do the same thing to change the minute and press PLAY again to set.
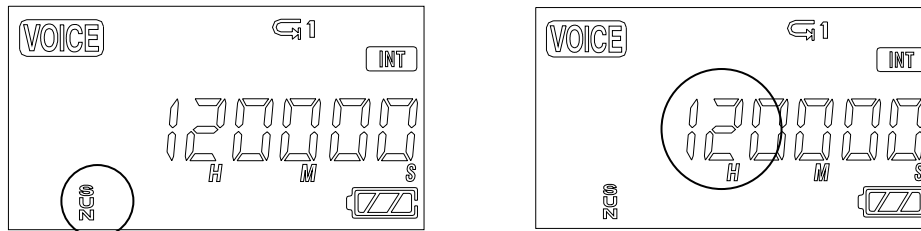
③ When the time setting is completed, you may return to the initial screen by pressing the STOP button.

④ To check the time, press the TIMER button, the current time (hour/minute/second) will display, and if you want to change the time, you may change the day/hour/minute by pressing and holding the TIMER Button.

● How to Record

When you are in VOICE/AM/FM Mode, you may record using the RECORD Button.

① Select the mode by pressing the MODE Button.

(When you are in the AM/FM Mode, the frequency currently received is recorded).

② Press and hold the RECORD (REC/STOP) Button for about 1 second with the internal microphone toward the sound source.

The recording is initiated and a red light indicating recording turns ON.

③ To stop recording, press the STOP button.

※ Once recording is initiated, you may not stop recording for the first Five (5) seconds.

※ The recording is automatically recorded in the next available slot.

※ When recording for a long time, replace the battery with a new one.

※ Check the capacity of the battery prior to recording.

※ Note

Perform a test recording to avoid any errors while recording.

If the battery is completely run down during a recording, the message "low battery (BAT)" will display on the screen and the power will be automatically shut OFF.

Replace the battery with new one.

.

● Monitoring a Recording

　　You may listen to what is being recorded by connecting an earphone.

8)External Memory

Inlet

A-B Mode Conversion
Display

① If you press the A-B Button in the stop status after inserting an external memory card, the display screen of INT/CARD will be converted and the internal and external memory domains will be separated.

② You may record, play, save from the PC and transfer files with the external memory.

③ Inserting and taking out an external memory card must be performed only when the player is stopped.

※ Note

Only insert a memory card when the unit is off or a malfunction may occur. The external memory is compatible with an SD/MMC-CARD only.

- If you take out the battery or external memory during a recording or playback, it may cause a lost file or malfunction. Take out the battery only when the player is stopped and take out or insert the external memory only after turning-off the power.

- If the corresponding file exceeds the recording capacity or there is not enough room for the recording, the recording will not be available. When the memory is FULL, a message "FULL" will display.

- Recording to MP3 or H/D domains is not available (Only playback is available in MP3).

- When you insert the external memory card, be careful the insert direction of external card as below.
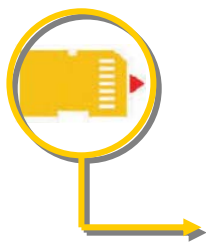
9) Playback mode
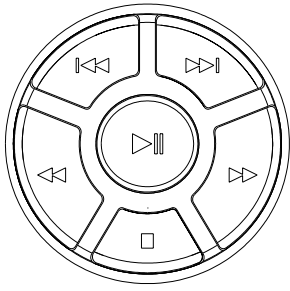
● Playing a VOICE file

① Select the message you want to listen to.

   (Select the file you want 01-99 using ◄◄►► Button.)

② You may play by pressing the PLAY (▶) Button.

③ Adjust the volume with the DIGITAL VOLUME button.

  Listen to music in quiet areas using the micro speaker.

  Use the earphones to avoid interference or in noisy areas.

④ To stop, press the STOP (■) Button.

     If you want to PAUSE (ⅠⅠ), press the PLAY Button during playback. PAUSE can be released by pressing the PLAY/STOP Button.

⑤ For the S-FORWARD and S-REWIND function, press the ◄◄ ►► button.

  You may stop this function by pressing the PLAY (▶)/STOP (■) Button.

⑥ You may select and play the next or previous file during playback using the ◄◄►► Button.

※ If the battery is completely run down while playing, a message "BAT" will flicker and automatically disappear after the warning. Replace the battery with a new one.

● Playing MP3 files

① Using the MODE Button, select the MP3 Domain.

② If there is no music downloaded, the message "NO.IF" displays on the LCD.

③ If you download a music file (MP3) via the USB, the file will be saved in the MP3 Domain and you may play it using the PLAY Button.

● S-FORWARD and S-REWIND

Selectively play the next file or previous file during playback using ◄◄►► Button.

If you press ◄◄ ►► Button shortly during playback, S-REWIND/S-FORWARD is initiated.
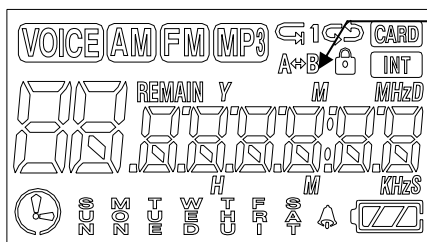
● Repeat playing in the VOICE Domain

● Repeat playing in the MP3 Domain

  You may set the repeat functions by pressing the REPEAT Button during playback.

  NOR: Plays and stops all music

  NOR (1): Plays and stops only one music file

  (1) ALL: Repeats playing music

  ALL: Keeps playing all music in order

● Repeat a Section A↔B

　If you want to repeat playing a specific section, press the A-B button to select the beginning of that section and then press A-B again to select the end of that section. The selected section will continue repeating until you push A-B or PLAY.

　※This only works with one file at a time.

　※The section repeat is done the same way for ALL files

● Equalizer Functions

　① In Voice File Domain, you may check the remain by pressing EQ key under stop & you may change the recording sampling bit-rate(16Kbps/32Kbps).

　② When playing MP3 files, you may play according to genre using the equalizer functions NORMAL, ROCK, LIVE, CLASSIC and POP. You may set the equalizer functions when the player is stopped using the EQ Button. At this time, the message "NOR, ROCK, LIVE, CLA and POP" displays on the LCD.

10). Erasing files

　※ Deleting is only available when the player is stopped.

● Deleting a Message One by One

　① Select the file to delete using the ◀◀ ▶▶ Button.

　② If you press ERASE, "ERASE" will be flickering on the LCD and the message to be deleted is displayed for confirmation.

　While the message "ERASE" is flickering, press the ERASE Button again to delete the message. If the message is deleted, the number displayed on the LCD will be forwarded to the next file.

　※ While the message "ERASE" is flickering, if you press any button, the erase function is cancelled.

　※ Note: Once a message is deleted, it is not recoverable.

● Deleting all Files

　① Select the files to delete using the MODE Button.

　② If you press and hold the ERASE Button for longer than 5 seconds, the "AL.ERASE" will be flickering.

　If you press the ERASE Button again at this time, all files will be deleted.

　③ You may delete the information in the MP3 Domain the same way.

　Deleting HD files is only available using the PC-APPLICATION after connecting your PC with the USB connection.

　※ Note: If you use up (full) the memory by using the hard disk function, No recording capabilities will be available. Do not turn off the power or take out an external memory card while deleting files. It may cause a malfunction.
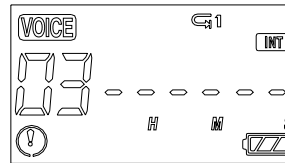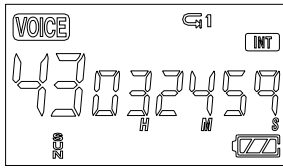
11). Reserved Recording

※ To set a reserved (future) recording, the TIME Setting must be set.

    If you press the TIMER Button, the time (Hour/Minute/Day) displays.

    If the time setting is done, the correct Day/Hour/Minute/Second will appear on the display screen.

 To change it:

① Press and hold the TIMER Button while the player is stopped.

② When you hold the TIMER Button, the day will be flickering and If you press ▸▸ or ◂◂ you can change it. Push the PLAY Button to set and the window displaying the time will also be flickering. If you press ▸▸ or ◂◂ you can change the hour, press PLAY to set and do the same to change the minute and press PLAY to set.

  Example of Displaying the Time   Example of Displaying the Reserved Recording

② After the time setting is done, if you press the TIMER Button once, the time displays and if you press the TIMER Button twice, the reserved recording screen appears.

  (AM/FM/VOICE mode only)

  The minute needle clock indicator and setting channel should be flickering.

  Press ◂◂▸▸ to select the file number and then push PLAY.

  Now the days of the week will flicker. Use ◂◂ ▸▸ to select the desired day and press PLAY.

③ After selecting the day set the hour by using ◂◂ ▸▸ and pushing PLAY (same as before) to select the desired hour (do the same for minutes). After the minutes are set, the start time will flicker but you will be setting the ending time now. Set the hour by using ◂◂ ▸▸ and pushing PLAY (same as before) to select the desired hour (do the same for minutes). When you finish, you will see the main screen and your unit is ready to record on the selected day(s) & time(s).

(It will seem like you are changing the start time when setting the ending time but trust us you are setting the ending time)

A start and ending time setting requires 4 PLAY presses.

<Example- 1 start hour + 1 start minute + 1 ending hour + 1 ending minute = 4>
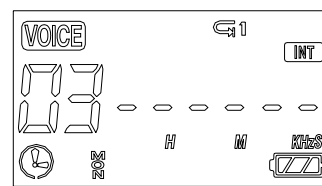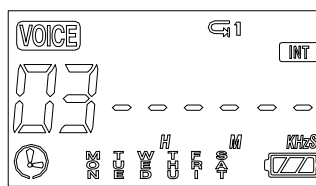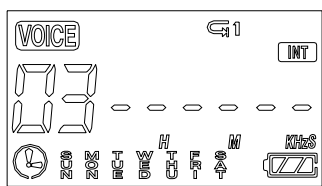
④1) The reserved recording is initiated at every Nth time of every day

 2) The reserved recording is initiated at every Nth time on Monday – Saturday

 3) The reserved recording is initiated on a certain day of every week

  You select using ◂◂ ▸▸ and confirming is done using ▸ .

⑤ After setting the day, set the hour and minute

. ⑥ And then, set the hour and minute ending time.

VOICE ⌐⁄1
INT
 01083825
 H M S
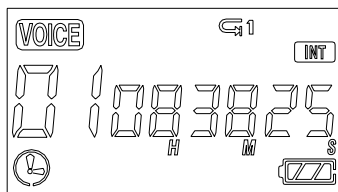
Once END Setting is done, the TIMER icon displays and the recording is automatically initiated at the designated time.

∗ You may set up to 10 reserved recordings for all the sections in AM/FM/VOICE. It is set the same way described on the last page. A reserved recording is automatically initiated even when the power is OFF. (Timer function)

∗ The reserved recording may be canceled by pressing "ERASE Key" and modified by resetting on the reserved channel.

∗ The cancellation during set-up is done by "STOP Key".

12). Line in

● Connecting an External Microphone

 – Plug a pre-amplified microphone in the line in terminal of the body.

※. When an external microphone is connected to the line in, the built-in microphone is not operational.

● Connecting to External Devices

 You may record from almost any device using the line in and audio cable.

● Connecting to a stereo

 When recording from the line in of the voice recorder, connect the audio cable to the line in of the recorder and to the headphone jack of the output device.

Line-in/out cable
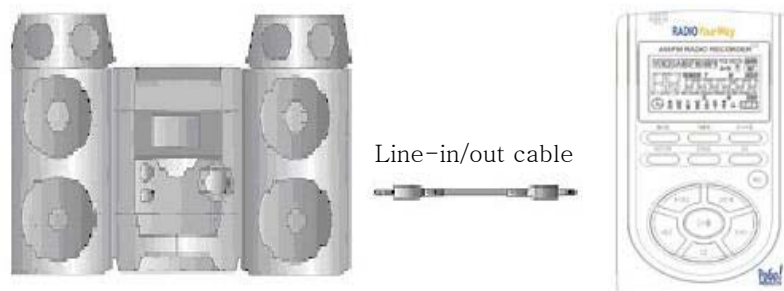
How to Connect to a stereo

※ Note

★ When connecting to an external device, make the connections with the power OFF.

★ Before connecting to any external device, carefully read the manual of the external device

●When recording from an external device, record after connecting the audio cable to this device and decreasing the volume of the external device.

●To record in the external device, play this device and initiate the recording in the external device

at the same time.

(Refer to your devices user manual)

(This timing may be different depending on each device, so make a test recording prior to performing an actual recording).

13) AM/FM Radio

When listening to the FM Radio, use earphones. They act as the antenna. You can also plug an antenna in the headphone jack of the player and use the speaker.

＊ It is very convenient for you to listen to a broadcast using the AUTO SEEK Function.

After selecting the radio mode, if you press and hold ▶◀ for about 1 second, it will stop at an audible broadcast channel. This saves time in unfamiliar areas.

After finding a station, AUTO SEEK will stop.

When using AUTO SEEK to find a station, a precise TUNNING may not be available, please perform a fine adjustment using the REW or FF KEY.

● How to Save a Channel

① Convert to AM/FM mode by pressing the MODE Button.

② The frequency will display on the LCD. Select the frequency using ◀▶ .

③ Press the PLAY Button, a file number (01-10) will be flickering on the display screen. Select a channel (01-10) using the ◀◀▶▶ Button and PRESS PLAY to select that channel. The selected channel will be saved. (01-10)

④ You may save up to ten channels the same way.

＊ Confirming the saved channel

If you press the ◀◀▶▶ Button, the saved channel and frequency is displayed. You may select a channel using the ◀◀▶▶ Key. In this mode, if you press the ◀▶ Button, you will go back to the frequency (FR) selection mode.

● How to Record a Radio Broadcast

① Select the broadcast channel you want to record (same as Radio Channel Setting)

② Record by pressing the RECORD Button. The recording will be saved in the voice folder and in the empty portion just after the last recorded message.

You may check the file in the voice folder after you have finished the recording.
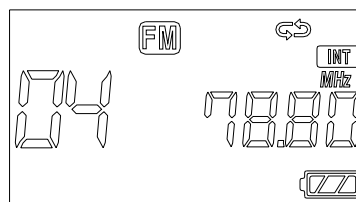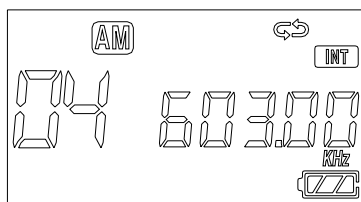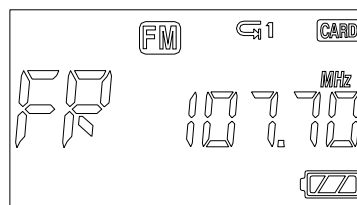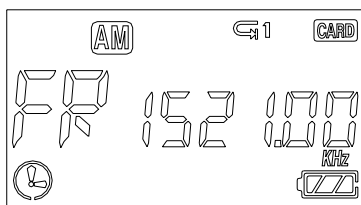
* Please, refer to 11). Reserved Recording for more info.

2). RVR-Explorer

1). RVR-Explorer

RVR-Explorer is a management program for uploading and downloading files to DDR-4000R.

- ● You can (Download/Upload) MP3, DMF and other data files
- ● The Function of controlling files is the same as in window Explorer
- ● Plays MP3, WAV, DVF files and playing lists
- ● Inter-conversion function between RVF/WAV
- ● Convenient file transmission
- ● User-friendly interface

System Requirements for RVR-Explorer

- ● Pentium 200MHz or faster
- ● 64MB RAM
- ● 20MB free hard driver space
- ● SVGA graphics adapter 256 colors or better
- ● Microsoft® Windows® 98/ME/2000/XP(NT not supported)
- ● USB port
- ● CD-ROM Drive
- ● Sound card, Speaker or Headphone

2). Quick Software & Drivers Installation Guide

Follow these instructions to load the software and drivers for DDR-4000R

1. Place the software CD label side up into your computer's CD-ROM drive. After a few seconds you should see the software selection screen.

   Note: If the Installation Software screen does not load automatically, please click the START button in the bottom left corner of your computer screen and click RUN.
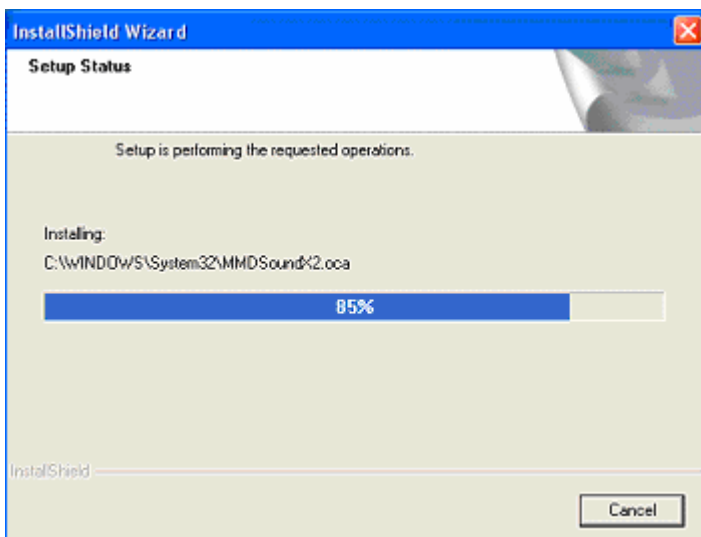
Type D:setup.exe and click ok
(If your PC uses a letter other than "D" substitute that letter)
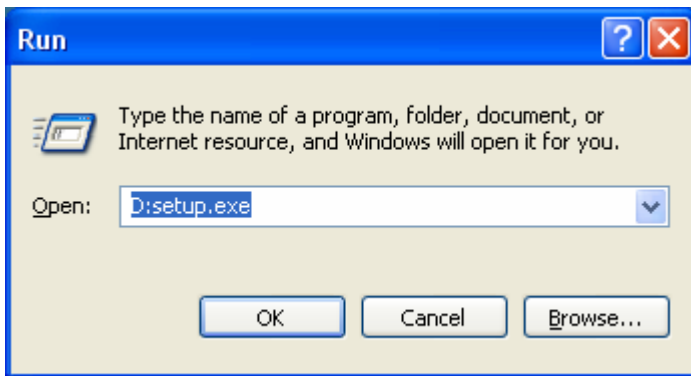
You should now see the screen below (follow the wizard through)
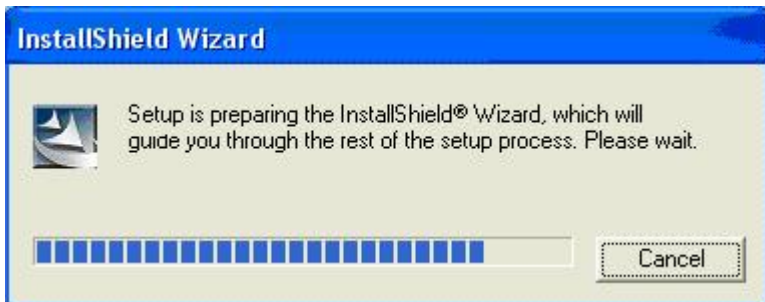
Once the screen below disappears, you have finished installing the software.

Click finish and restart your computer.
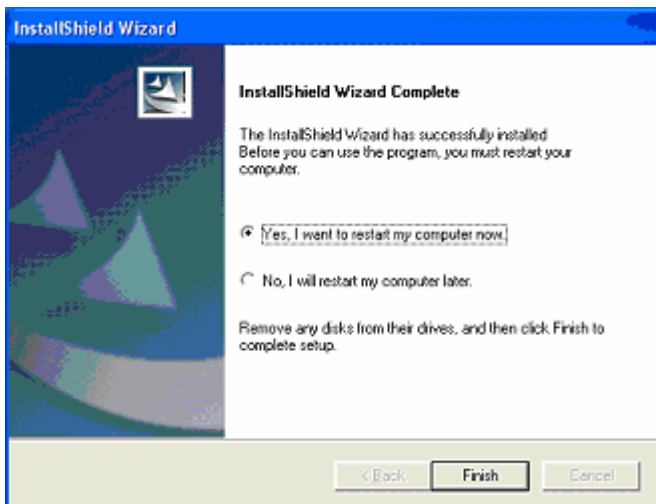
2. Plug in DDR-4000R into your computer's USB port and power it on.
   Tip> To power on your unit hold play for 2-3 seconds

Your computer now should display "Found new hardware" and DDR-4000R should display USB on its LCD.
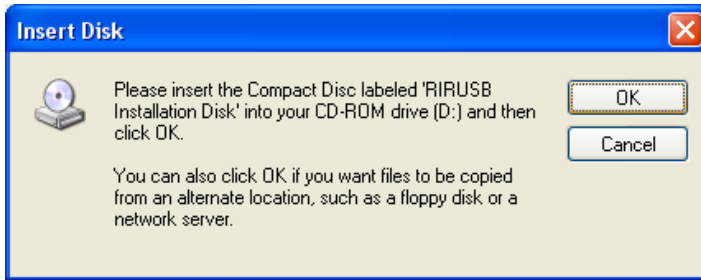
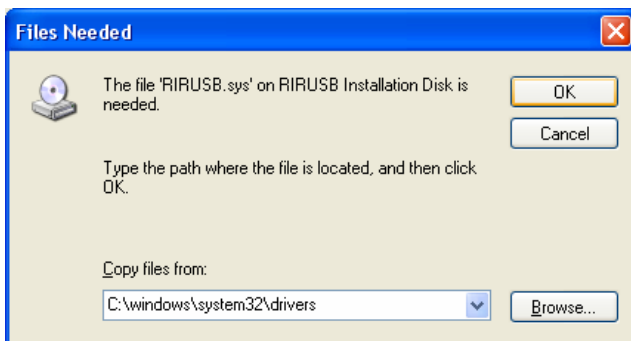You should see the Found New Hardware screen below, just click next

Click continue anyways (Do not worry this will not HARM your PC we have tested this software to be compatible with your OS)
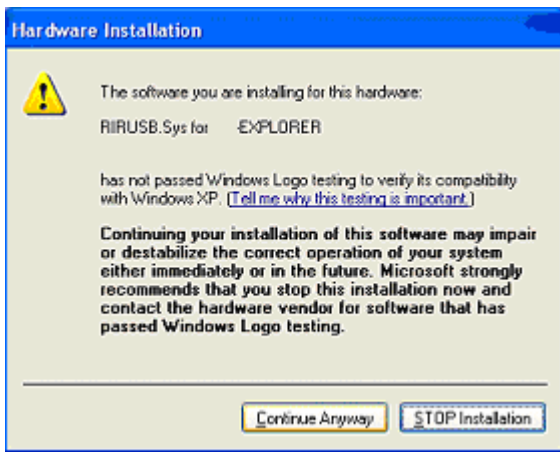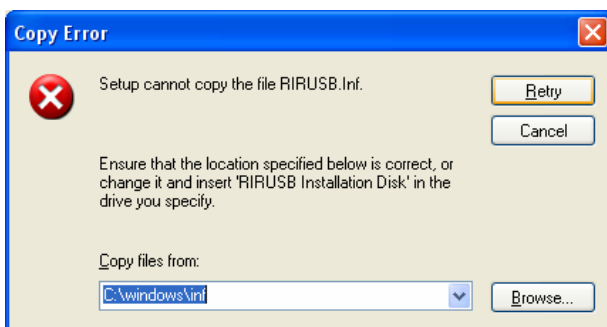
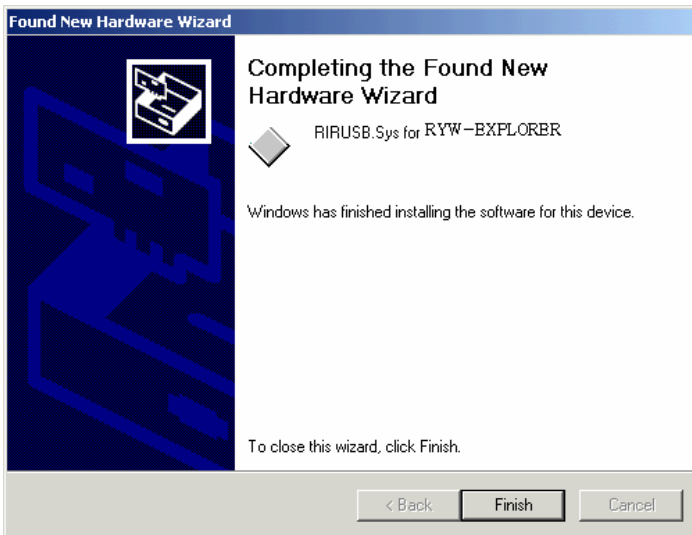If you see the screen below click ok.

When you see the screen below, type or browse to C:₩windows₩system32₩drivers

When you see the screen below, type or browse to C:₩windows₩inf and select retry
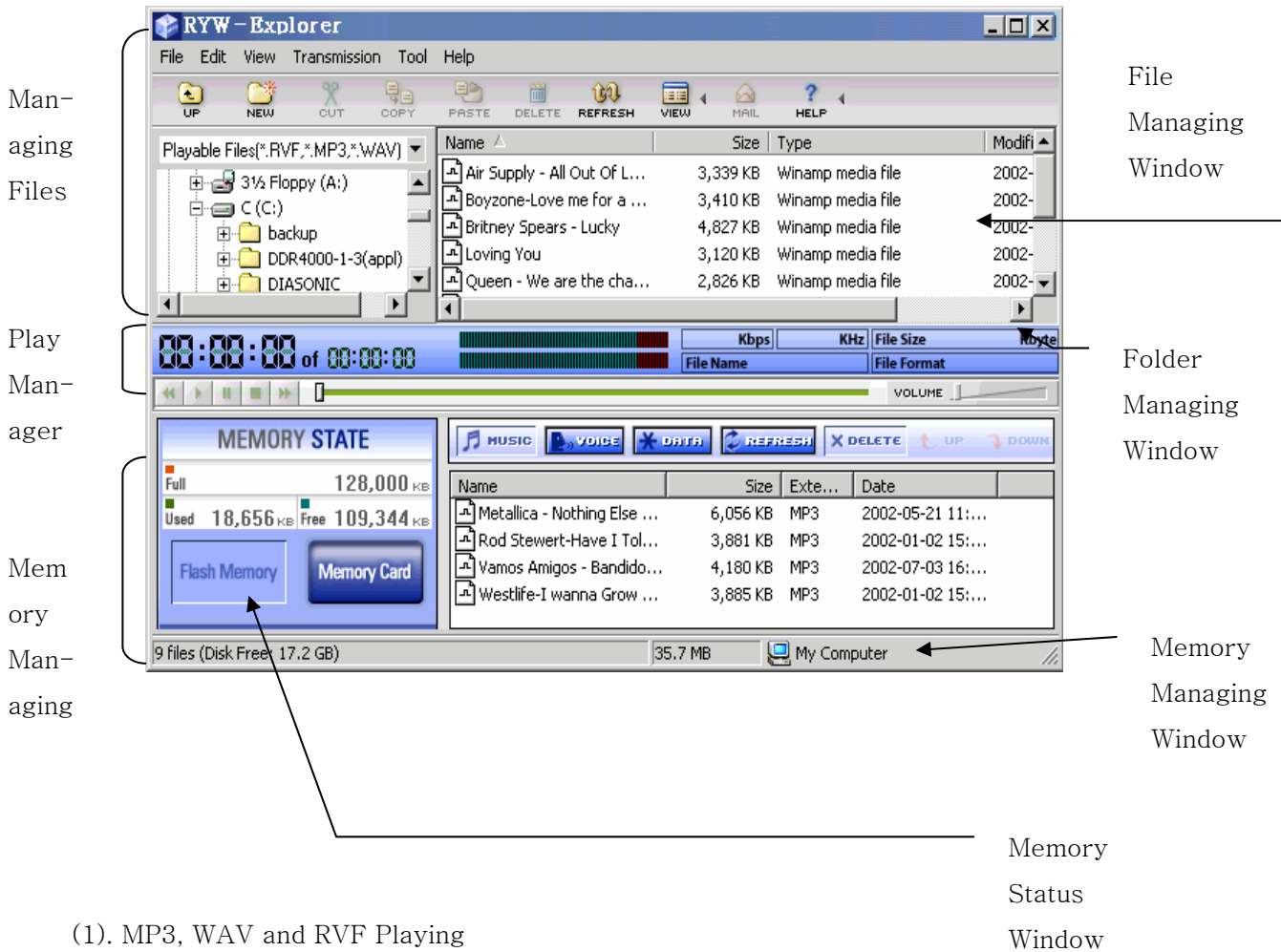

When you see the screen below click finish.

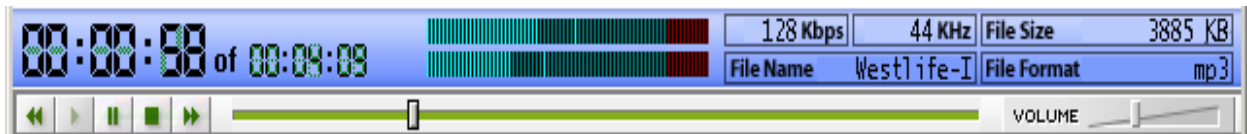Click the Mp3 manager icon on your desktop (with the player plugged in)

Radio Yourway.lnk

Congratulations your unit is installed and ready to use.

3). RVR-Explorer User Interface

Man-
aging
Files

Play
Man-
ager

Mem
ory
Man-
aging

File
Managing
Window

Folder
Managing
Window

Memory
Managing
Window

Memory
Status
Window

(1). MP3, WAV and RVF Playing

After selecting an MP3, WAV or RVF File to play in the File Managing Window, if you double click the PLAY Button, playing will begin. At this time, you may check some information of the selected file like bit rate, sampling frequency, file size, file name, version of file and total running times of files.

You may adjust the playing volume by moving the position bar of the 'VOLUME'.

You may move the playing position of the song clicking the white position bar with your mouse.

(2). Managing MP3 and RVF Files

The file managing part of RVR-Explorer looks very similar to the one of Windows Explorer.
The hard disk, CD-ROM Driver and folder installed are in the system display on the window on
the left and numbers of files in the folder displayed are on the window on the right.
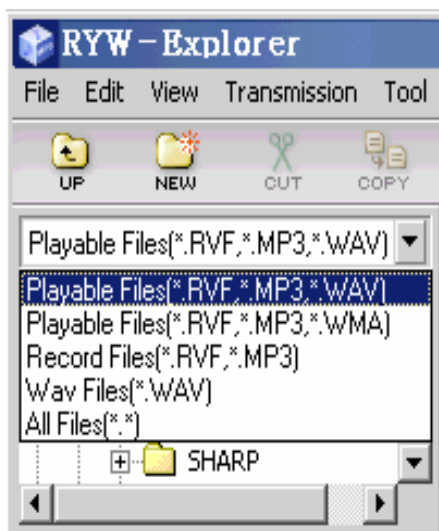
All files will display in the window and you may allow
numbers of files (including MP3 Files) to be displayed
on the window. You may use managing functions such as
moving and copying just like you would with Windows
Explorer.
You may separately manage these DMF files after putting
them in a folder using the file managing feature.

(3). Memory Management

The lower part of RVR-Explorer is used to manage the flash memory and memory card inserted
in DDR-4000R. If DDR-4000R is properly connected; the window will show the status of the
memory and files stored.
MP3 files transmitted will appear on the lower right of the window and the size of the file and
unused space will display as well.

(4). Descriptions of Buttons

Buttons	Functions	Details
REFRESH	Refresh	Reads and displays the new memory info on the screen.
DOWN	Transmit to Radio YourWay™ (Download)	After selecting the files to transmit, if you press this button, the selected file will be transmitted (Download) to the memory.
UP	Transmit to the Computer (Upload)	Used to transmit (Upload) a file in the memory to the hard disk in the PC.
Memory Card	Memory Card	Means a memory Card is used in the External Memory of DDR-4000R.
Flash Memory	Flash Memory	The flash memory of DDR-4000R.

※ Copyrighted MP3 Files can not be uploaded.

| Buttons	Functions	Details
MUSIC	Selects MP3	Used in MP3 Mode
VOICE	Selects the RECORD Folder	Used in Voice Record Mode Only a RVF recorded file, may be saved/produced
DATA	Selects the HD Folder	Used in HD Mode (Removable Hard Drive)

You may divide and use the memories in 3 folders and play each folder in DDR-4000R.
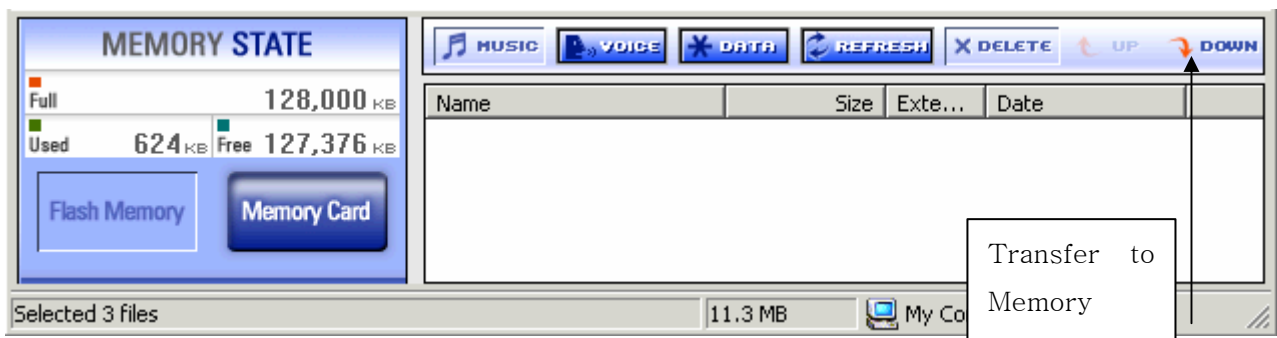
4). Transmitting MP3 Files

Way of transmitting MP3 files to DDR-4000R is very simple. As previously stated, select the file

and Click [MUSIC] and then click [DOWN] start downloading
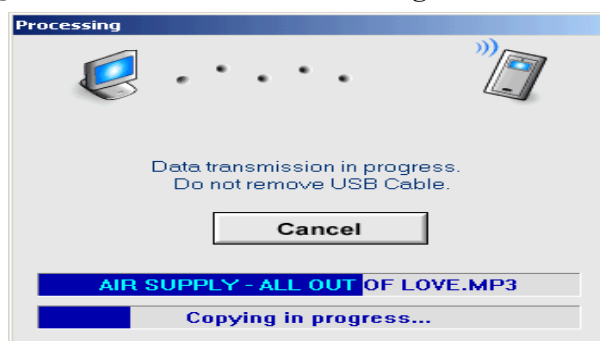
① Select the MP3 files to transmit in the file managing window.
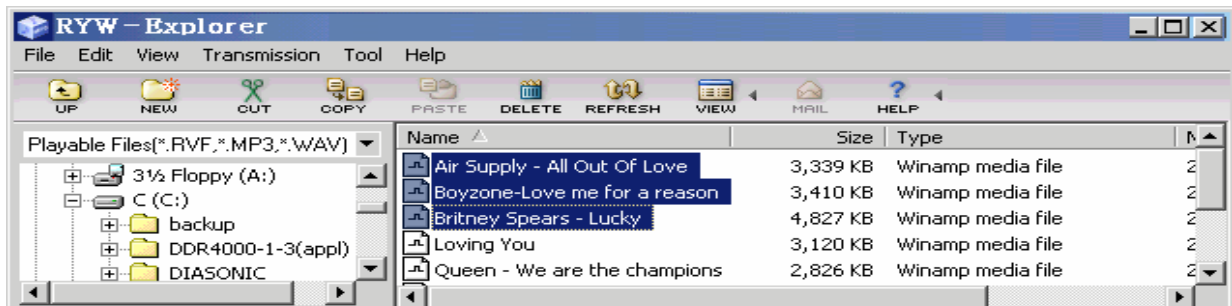
Click [MUSIC] button and then click [DOWN] to start downloading.

Transfer to Memory

③ The selected MP3 File is being transmitted.

5). Transmitting DMF Files to the PC

Way of transmitting RVF files from DDR-4000R to the PC is very simple. As previously stated, click [VOICE] in the folder managing window and then select the RVF files to transmit and click [UP].

① Click [VOICE] and then select RVF files to upload.
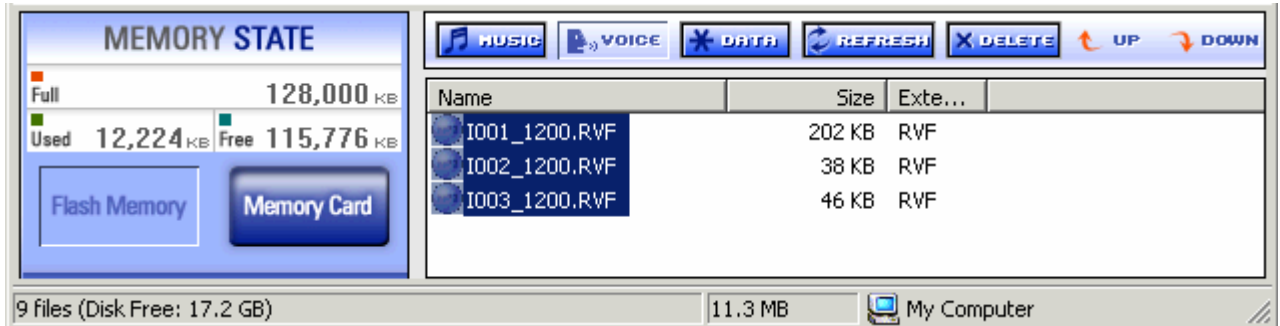
② Click [UP] to start uploading.
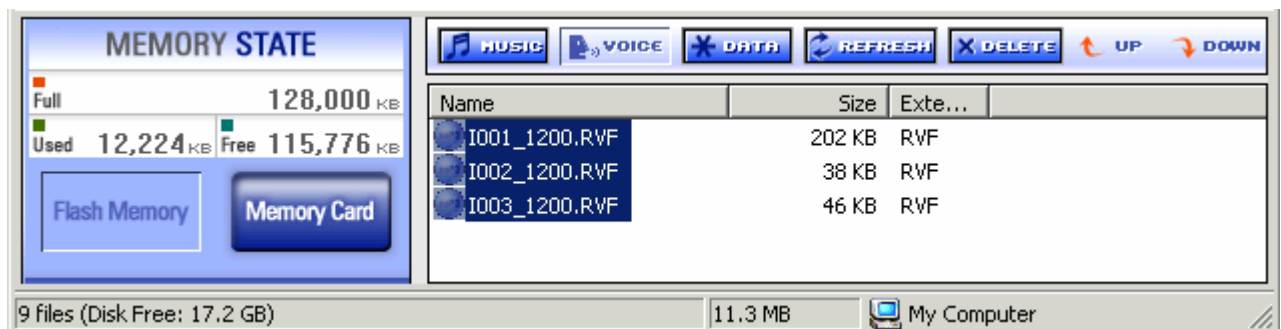
③ The selected DMF File is then transmitted to the PC.
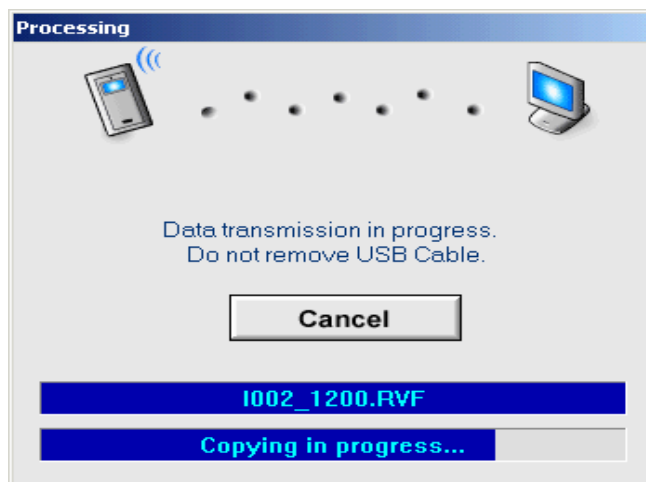
● When transmitting RVF files from the PC to DDR-4000R, the process after selecting the RVF file is [VOICE] as the one for transmitting MP3 Files.

6). Deleting MP3 & RVF Files

Deleting MP3 and RVF Files in DDR-4000R is the same as deleting files in Windows Explorer. You may delete the files by selecting 'DELETE' after right clicking your mouse.
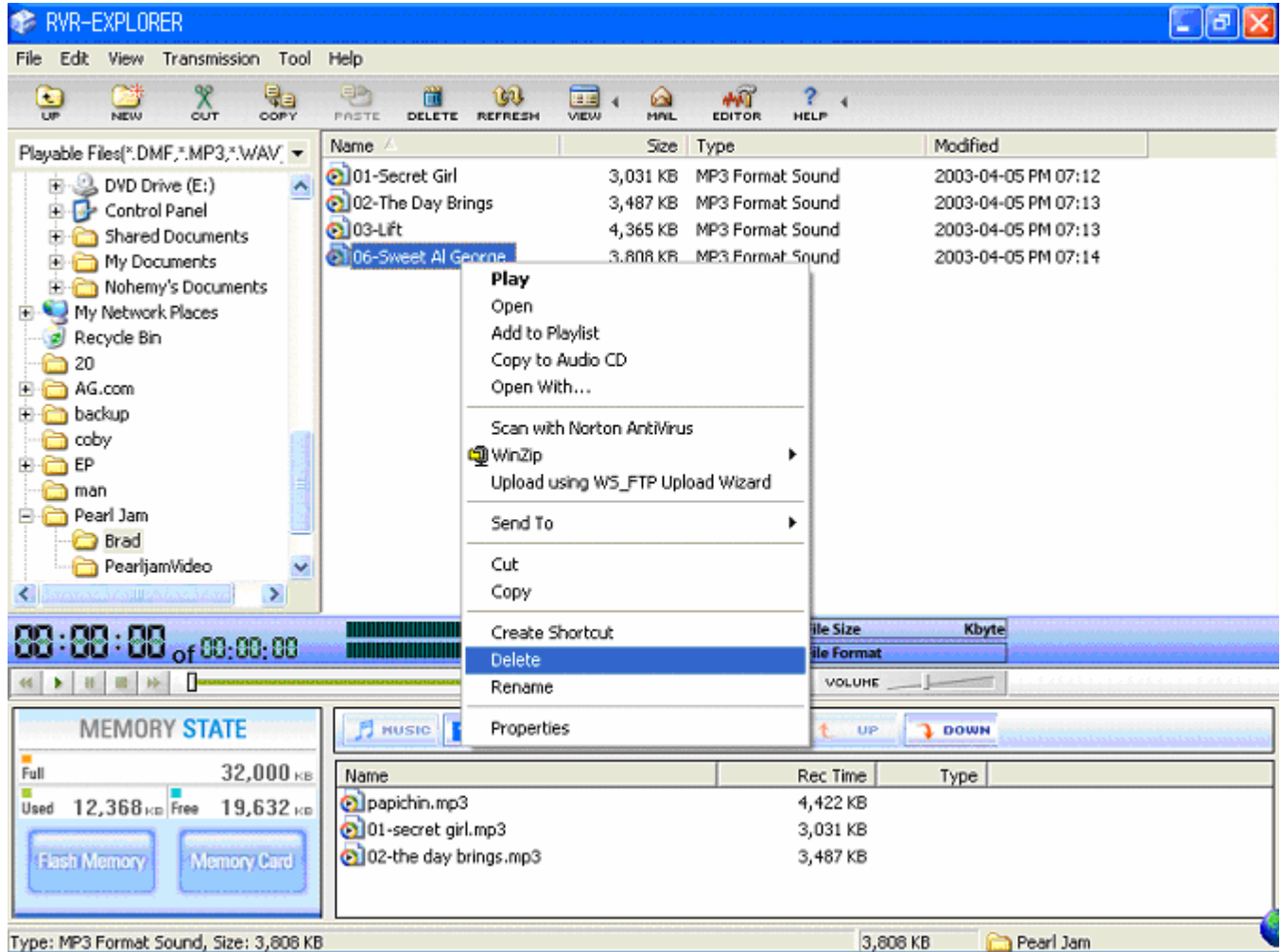
You may delete MP3 and RVF Files stored in the memory the following way:

    ① Select files to delete and then right click your mouse and select 'DELETE'

               RVF files   MP3 files

Click **OK** to delete the file.
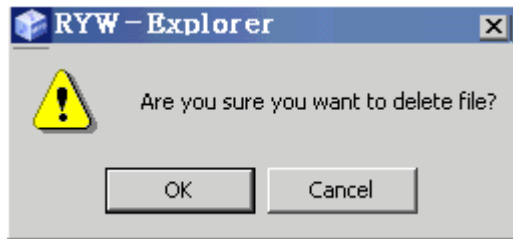
After few seconds, the file will be deleted from the memory.

7). Initiating the Flash Memory

Just like formatting a hard disk, you may initiate (format) the memory used in DDR-4000R. If you format the flash memory, all data stored in the memory will be lost.

① Select **File -> Flash Memory Format** in the menu of DDR-4000R.
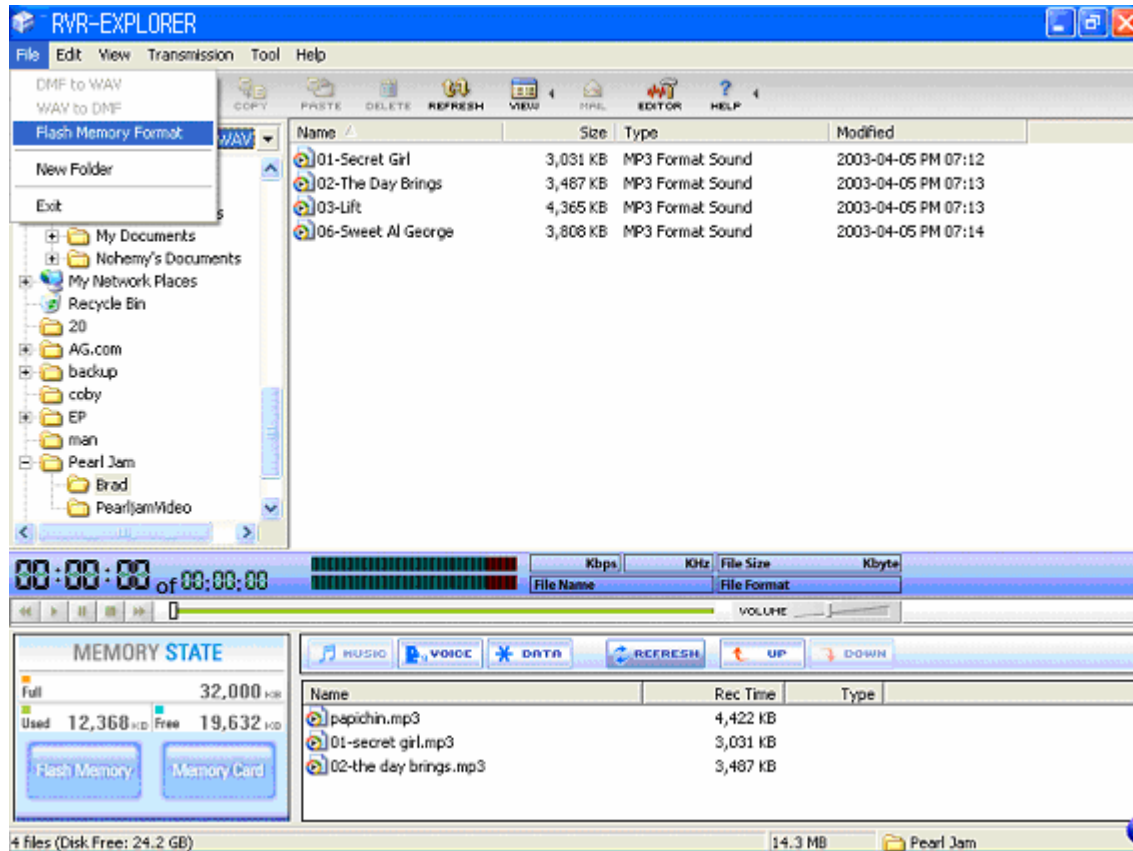
※ If you right click the mouse on any empty space in the flash memory managing window, you will see this **Flash Memory Format** command. This command also can be used to format the internal flash memory.

② When a pop-up window prompting you to format appears, click the OK button and the formatting will be initiated.

Processing

Data transmission in progress.
Do not remove USB Cable.

Format...
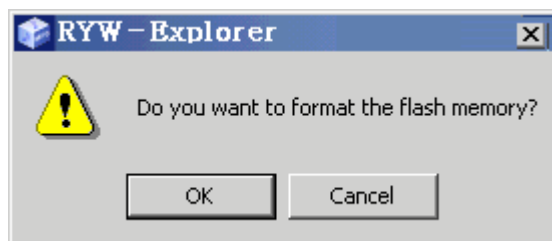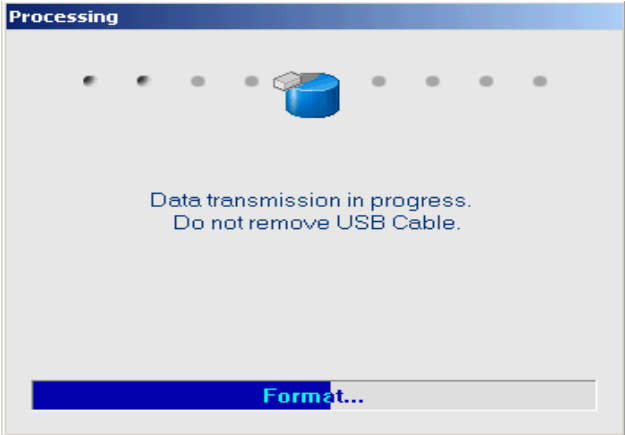
3. General Specification

Model		PRY900M2
VOICE RECORD/ PLAY	Record Time	32Mbyte : 135Min/270Min
	Mode	ADPCM 32Kbps/16Kbps
	File	VOICE : 99 / MP3
	FM Record	FM band, Stereo (76MHz-108MHz) (USA 87.5-108)
	AM Record	530kHz – 1710kHz
	Timer Record	Date / Daily / Weekly
	Mic	Built-in Mic / Line (external Mic)
	Record Device	Built-in Flash Memory(32MB)/EXT(MMC/SD CARD 256MB)
	S/N	45db (62db input 1kHz , speaker output 50mW)
	Distortion	3%±0.2 (62db input 1kHz , speaker output 50mW : HQ mode)
	Freq,Response	400Hz-3.2kHz(-6db)
	Output Power	Max 5mW(stereo earphone 16ohm)
	Repeat Play	One messages repeat/Cont. messages repeat / A-B repeat
FM RADIO (Stereo)	S/N	45db at 1mv 98.1MHz
	Distortion	0.8%(max) at 1mv 98.1MHz Δf=22.5kHz
	Freq,Response	350Hz±30Hz,3kHz±0.25kHz(150Hz-2.5kHz,60dbuV)
	Sensitivity	5uV at S/N=26db
	Frequency Cover Range	76MHz – 108MHz
	Preset Mode	10 Radio station
AM RADIO	S/N	35db
	Distortion	3%
	Freq,Response	150Hz – 1.5kHz at 0db
	Sensitivity	68dbuV at 1000kHz
	Frequency Cover Range	530kHz – 1710kHz
	Preset Mode	10 Radio station
MP3	Bit/Rate	32Kbps-320Kbps(MPEG 1/2 LAYER 3)
	S/N	85db up(1kHz input 0db)
	Distortion	0.3%±0.05 (1kHz input 0db)
	Freq,Response	20Hz-20kHz
	Earphone	Max 5mW(16ohm)
	EQ	EQ : NORMAL, ROCK, POP, CLASSIC, LIVE
	Repeat Play	ALL1/ALL/1/1ALL/A-B
PC Interface	Communication	USB 1.1
	System	CPU200MHz more than, RAM 64MB more than, 20MB of free space
	OS	Windows 98, 2000, ME, XP
	Sound Card	Sound Blaster 16 compatible
	Display	640X480 more than

IN/OUT JACK	Ext Line in	∮3.5 plug-in power microphone(mini plug/stereo) IMP less than 3KΩ
	Earphone	∮3.5 earphone(mini plug/stereo) IMP less than 16Ω
	DC JACK	HOLE : ∮2.75, Dia : ∮0.65
	USB	Mini jack (PC : A TYPE)
SPEAKER	Diameter	28(IMP 8Ω)
	Max output	80mw(volume max)
Volume		Digital volume (30 step)
Memory		Flash memory (32MB)
LED		Recording display LED(RED)
LCD (TN)	Mode	VOICE/AM/FM/MP3
	Messages	01-99(INDEX)
	EQ	NOR ,ROC ,POP ,CLA, LIV
	Repeat	ALL1/ALL/1/1ALL/A-B
	Clock	CLOCK,SUN,MON,TUE,WED,THU,FRI,SAT,
Adaptor		DC3V/200mA(CE,CUL,T,FCC)
Key Function		FF/PLAY/STOP/REW/F.SEARCH/R.SEARCH/REC/REPEAT/MODE/ERASE/EQ/A-B/TIMER/VOL+/VOL-
Power Requirement		3V , LR03 , tow alkaline battery('AAA" size or UM-4)/NiMH 1.2V x 2
Battery Life	MP3 PLAY	Approx. 14hour during the mp3 play(earphone output: volume middle position)
	VOICE PLAY	Approx. 13hour during the voice play(earphone output: volume middle position)
	RADIO PLAY	Approx. 11hour during the radio play(earphone output: volume middle position)
	RADIO/VOICE REC	Approx. 9hour during the radio play(earphone output: volume middle position)
Accessory		Connecting cable for external equipment(1) / application CD(1) / Neck strap(1) / stereo earphone(angle type)(1) / EXT ANT(1) / battery(2) / USB cable (1) / manual (1)
Size		98.5*18*55

4. Warranty
- ● If any defect or error occurs, stop using the product and contact the shop you purchased or Diasonic Technology Co., Ltd.   General Directory Number: (031) 474-0852
- ● Warranty (Warranty Regulation)

 Diasonic Technology! Products guarantees a free repair or service for a period of one year from the original date of purchase only.

 If any defect or error occurs during the warranty period, please contact us.

 A dated order/receipt is REQUIRED for all warranty claims.

 Ensure the above information is provided and if it not, consult with the shop you purchased to obtain it.

(Free Repair or Service)

A. This product is manufactured under a strict quality control and inspection process.

B. If any defect or error occurs under normal operation, in accordance with the caution or notes in this manual during the warranty period, you are entitled to a free repair or exchange from our company.

C. The free repair/service does NOT include shipping charges.

3. Even during the warranty period, you will be charged for the following defect/damage or error:

    1) Without a dated purchase order/receipt.

    2) If the original date of purchase is passed the warranty period or the dated purchase order/receipt is modified in any way.

    3) For any defect or damage resulting from misuse, abnormal use, abnormal condition, improper storage and/or exposure to direct sunlight or moisture.

    4) For any defect or damage resulting from any unauthorized modification or repair.

    5) For any defect or damage resulting from disasters such as fire, air pollution, earthquake or war.

    6) For any defect or damage resulting from a leak of the battery.

    7) Consumable such as battery.

4. The warranty is valid only for service in the USA.

(Caution Upon Shipping or Transporting)

Upon shipping or transporting the product, please be careful about the following:

1. Enclose the original dated purchase order/receipt with the product during the warranty period.

2. Avoid damage to the product during shipping/transportation using proper packing materials. The customer shall bear the cost of shipping/transportation.

3. Use registered and/or insured mail to prevent a loss.

● If any defect occurs during the use of this product, contact the shop you purchased or Diasonic

Technology Co., Ltd.

● Replacement, repairs (charge/free) or refunds must be in accordance with our policy and can be found at:

<div align="center">http://www.diasonic.com</div>

● If you have any further questions about this product, please contact Diasonic Technology Co., Ltd.