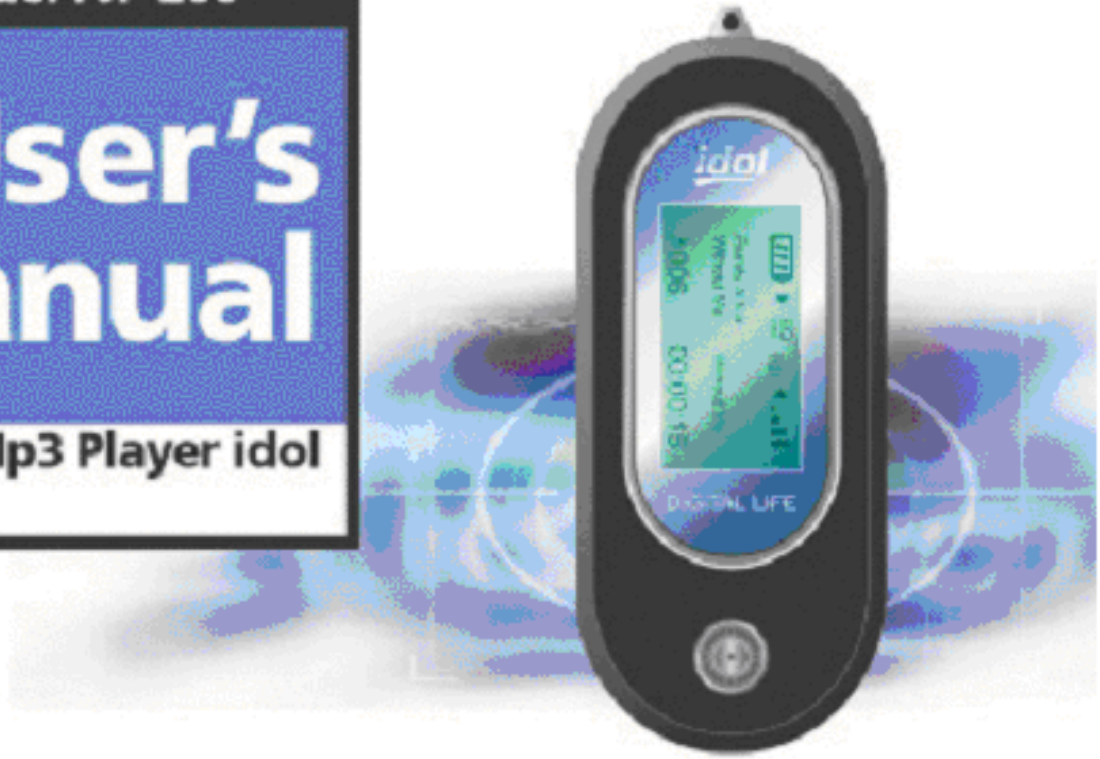
Model : JP-200

User's Manual

Mp3 Player idol



idol

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

FCC RF INTERFERENCE STATEMENT

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

WARNING

Do not change or modify the product without permission or authority of manufacturer. It may cause undesirable operations, permanent damages or harmful interferences.

Contents

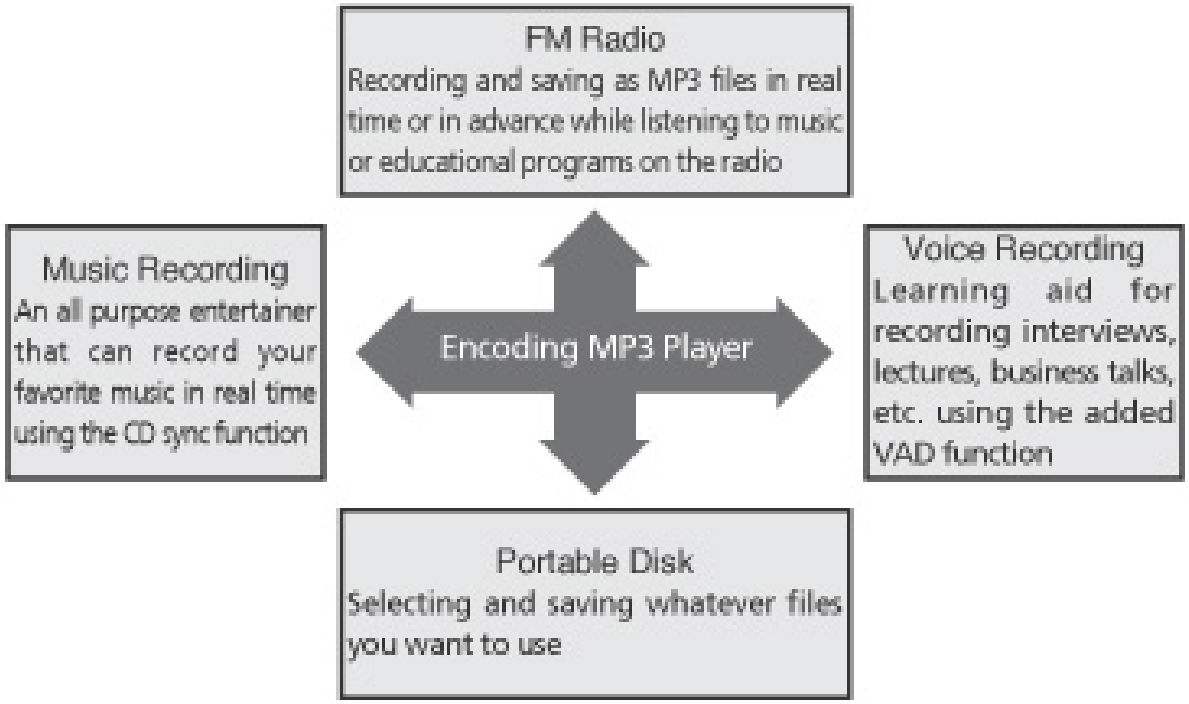
Basic

What is idol? 3
Description of Mode Functions 4
Displaying LCD Screen 5
Checking idol Contents 6
Installing Software in a PC 7
Using a Portable Driver 8
Installing idol Manager (CD) 9
Connecting idol to a PC 10
Upgrading Firmware 11
Turning on/off 12
Listening to Music 13
Listening to FM Radio 14

Advanced

MENU Function 1 15
MENU Function 2 16
MENU Function 3 17
Setup Title Viewing 18
Real-time Recording 19
Deleting Files 21
Formatting Files 22
Checking Current Memory Used 22
Timer Function 23
Adjusting the LCD Display 23
Selecting Language 24
Locking the Keys 24
Cautions / Specifications 25

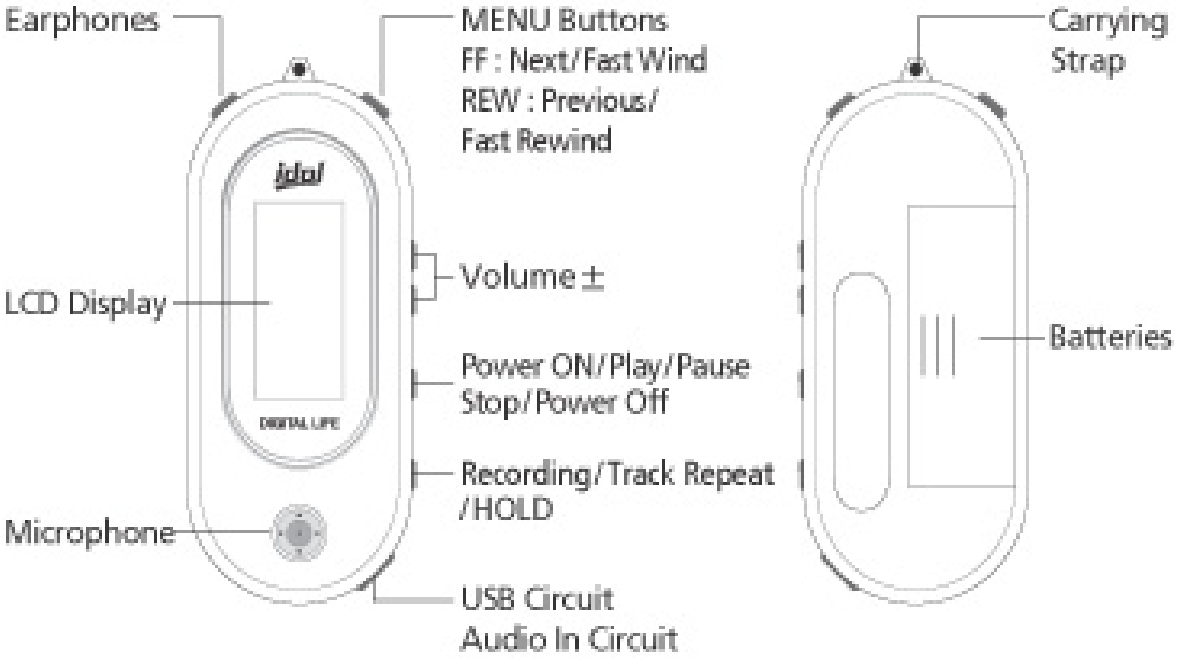
Idol - Digital Encoding Audio



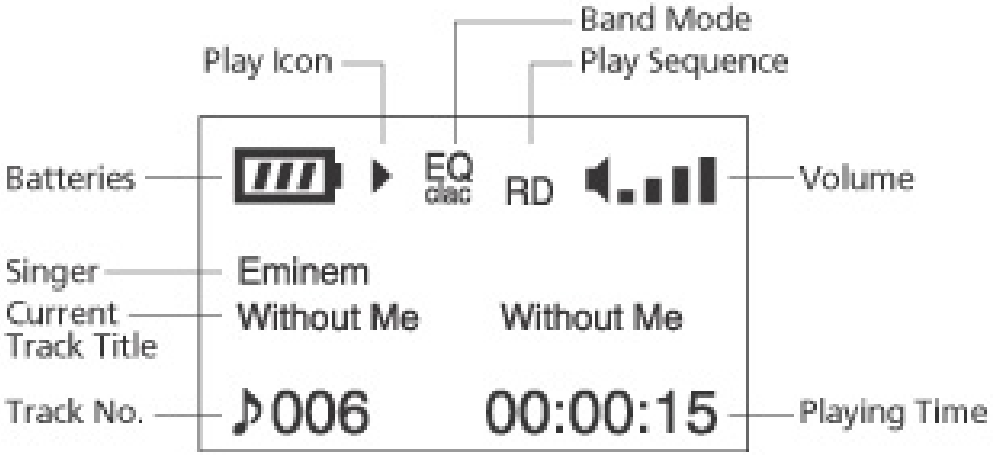
▶What is idol?

Idol is a next generation Digital Audio Encoding device that allows you to listen to analog music/voice from CD, MD, radio, Internet, and TV using the synchro and VAD functions in real time, and to record the source by converting into MP3 files.

Description of Mode Functions



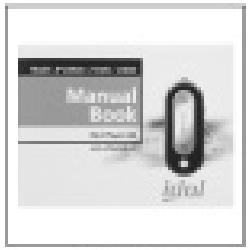
LCD Display


Band Mode
Play Icon
Play Sequence
Batteries
EQ
clac
RD
Volume
Singer
Eminem
Current
Track Title
Without Me
Without Me
Track No.
♪006
00:00:15
Playing Time

Checking the Idol contents

PLAYER

Earphones



Manual

AAA Batteries

Usb Cable

Audio Cable

CD

Carrying Strap

▶After purchasing the idol player, check if all of the above items are included in the package. Contact the vendor if any item is missing.

Installing software in a PC

Idol can be utilized to save and download files by two methods : by portable drive (USB driver) and idol program CD.

1. Idol USB driver(recommended) : Windows 2000, ME and XP users don't require an additional program. The portable drive supports a Plug & Play function for easy file storage and download.
-Windows 98 users must install the USB driver software for Windows 98 from the Install CD.

※First insert the Software Install CD in the CD-ROM then an automatic setup screen will appear.
In idol explorer's initial screen, select the bottom right 'cansel' button. Select and click on the CD-ROM icon in Windows Explorer. Next, click on the 'win98 mass' folder and execute the 'setup.exe' file.

2. Idol program CD : This software saves MP3, WMA, REC, documents files, etc. to Idol Player or PC.
-If the CD is used, users must upgrade their firmware from the company website.

Using a portable drive: method 1 (recommended)

● Warning

1. If a portable drive is to be used, previous CD users must uninstall the idol CD program and upgrade their firmware before using the portable drive.
2. Windows 98 users must install USB drive software for Windows 98 from the Install CD.

When idol is connected to a PC, a new drive will automatically be created.

e.g.) 'D:' drive

When idol is connected to the PC, files can be saved and downloaded for use.

The following window will appear if the icon in the taskbar is double clicked. Click on the "Stop" button before removing the USB device.

1. Double click
2. Click Stop button

Installing Idol Manager CD (method2)

▶ When the Install CD is inserted in the PC's CD-ROM drive, the following screens will appear. The setup file is executed automatically. Follow the instructions on screen and click on 'Next' and 'Click' consecutively.

Click

Complete

Connecting Idol to a PC

▶ For downloading MP3 files from the PC, first connect the MP3 Player to the PC using the USB cable. During this operation, either idol's USB software program or idol explorer has to be running.

- Connect the USB cable to the PC's USB port.
- Switch on the Idol, and then connect the PC link cable to the USB port.
- If a message window appears on the LCD, connection is successful.

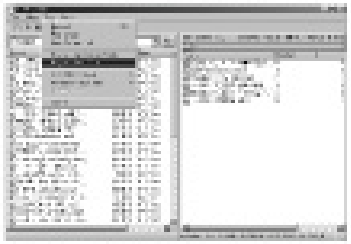
✱ Warning : An error might occur if the USB cable is connected while Idol is operating,

Upgrading your firmware

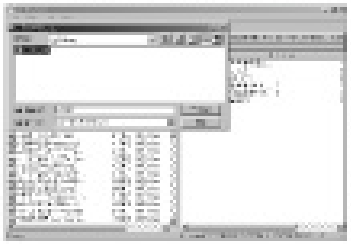
- Warning : If you are to use the Idol Manager (CD) function in the portable drive, you will need to upgrade your firmware.
  A. First, the Idol(CD) execution program(for Windows 98 users, 'win98mass') has to be uninstalled.
  B. Switch on the Idol and then select the USB folder from the main menu.
  C. Connect to the PC and execute the firmware upgrade.

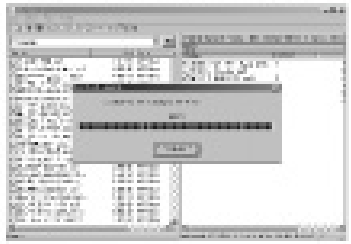
▶ After downloading the AB141.hex and AM141.hex programs from the company website,

1.



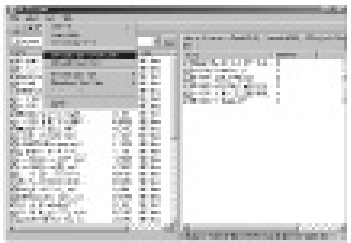
- Go to the Idol Manager Program and click on the 'TOOL' icon. When the following screen appears, click on 'Upgrade Application Code'



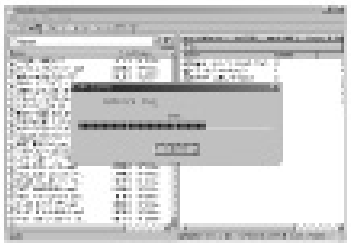


- Double click on the downloaded AB141.hex file

2.



- Go to the Idol Manager Program and click on the 'TOOL' icon. When the following screen appears, click on 'Upgrade Application Code'



- Double click on the downloaded AM141.hex file.

1. Press the button to turn the power on, press and hold the button to turn the power off.

2. If not in use, power will be turned off automatically after 60 seconds.

Listening to music

▶ Power On / Play / Pause / Stop / Power Off

1. Power On : press once to 'Power On', press once more to 'Play'.

2. Selecting tracks(2 methods)

   1) Press the 'Menu' button while on 'Stop' and select the 'Browser' folder. Select a song and press the 'Menu' button briefly ; a menu bar will then appear. Next, select 'Play' and press the 'Menu' button once more ; then you will hear the music.

   2) While in 'Play' or 'Stop' mode, you may use 'FF' and 'REW' to select songs.
      - FF: to select the next track
      - REW: to select the previous track

3. Adjusting Volume
   - + : Increasing the volume
   - - : Decreasing the volume

4. To stop the music : Press the button briefly to stop the music.

5. To turn off the power
   : While in 'Stop' mode, press and hold the button to turn the power off.

▶ While in 'Stop' mode, Press and hold the 'Menu' button or go to FM folder, select the channel of your choice and then press the 'Menu' button.

A. To change channels

- 'FF' button : short elevation of dial → goes up by 1 KHz
- 'REW' button : short depression of dial → goes down by 1 KHz.

B. To auto scan the channels

- ' FF' button: long elevation of dial → high frequency auto scan.
- 'REW' button: long depression of dial → low frequency auto scan.

C. To save the channel

Set frequency to channel of your choice and press 'Menu' button ; a menu bar appears across the top of the LCD. Select 'SAVE' from the menu and press the 'Menu' button. A '1 CH SAVE?' message will appear in the lower part of the LCD. If another frequency is already saved in that channel, no message will appear. 'NO USE' indicates free channels. Select the channel of your choice and press the 'Menu' button to save it. Pre-saved channels can be overwritten if selected.

D. To select pre-saved channels during FM radio listening

Press 'Menu' button then select 'CH' from the menu bar and use either 'FF' or 'REW' to scan prior saved channels. Press 'Menu' button to select the channel of your choice.

Menu Function 1

▶ While in 'Stop' mode, you may press the 'Menu' button to select the main folder.

M E N U	main folder				
	BROWSER	FM RADIO	SET-UP	USB CONNECT	EXIT

1. BROWSER : to view MP3, WMA, REC files etc. Also to listen to and delete music files.
2. FM RADIO : to check the saved channel list and to listen to FM Radio.
3. SET-UP : to record, delete, alarm, check memory, LCD, adjust configuration, language functions, etc.
4. USB CONNECT : to store documents, presentations, and other files, using it as a portable storage drive.
5. EXIT : to return to the original screen.

Menu Function 2

▶ While in 'Play' mode, you may press 'Menu' button to select and use the following functions.

	SPD	EQ	RPT	ESC
M E N U	Normal	Normal	One	Return
	Fast	Classic	Normal	
	Slow 1	Live	All	
	Slow 2	Pop	Random	
	Slow 3	Rock	User	
	Slow 4		2, 3, 4, 5 repetition	
	Slow 5			

1. Speed Control : to adjust 'Play' speed
2. EQ(Equalizer) : to select band wave and to listen to music
3. Repeat : to set the music to 'Repeat'
4. ESC : to return to the original screen.

Menu Function 3

▶ If you press the 'SET-UP' button in the main folder, the following functions can be selected and used.

1. REC : to record music, voice, FM radio etc.
2. ERASE : to delete individual or all files
3. FORMAT : to clear the flash memory
4. TIMER : to set the timer to listen to and record music
5. MEMORY : to check total, free or used memory
6. LCD : to adjust EL Backlight or LCD screen
7. LANGUAGE : to select other languages
8. BACK : to return to the original screen

SET-UP title Viewing

RECORDER		Erase	Format	Timer	Memory Check	LCD	Language
1. Music Source	Music Voice	1. File All	Format	Sleep	Remain MEM	Backlight ON / OFF	1. Korea
2. MPEG Mode	MP3 TVF		Low format	Record	REC Time	Contrast ▶0~20	2. English
3. Bit Rate	8,16,32,64,128,256Kbps						3. Japan
4. VAD	VAD						4. China
5. SYNC	OFF SYNC ON ISYNC ON						
6. SILENCE	Low Middle High						

- Sync : auto track-setting function during real time recordings
- VAD (Voice Activate Detection) : voice-activated recording function
- TVF : when recording voices, records in TVF format without Bit Rate adjustment
- Erase : when set to "All," it deletes all files in the selected folder only
- BR (Bit Rate) : to adjust recording time in the mode of bit compression
- SILENCE LEVEL : to configure SILENCE LEVEL during Sync and VAD

Real time recording

1. Music recording
Go to the SET-UP menu in the main folder and select the 'RECORD' function.
Then adjust MUSIC, Sync, Bit Rate, SILENCE, etc as appropriate and press the (R.A.B) button

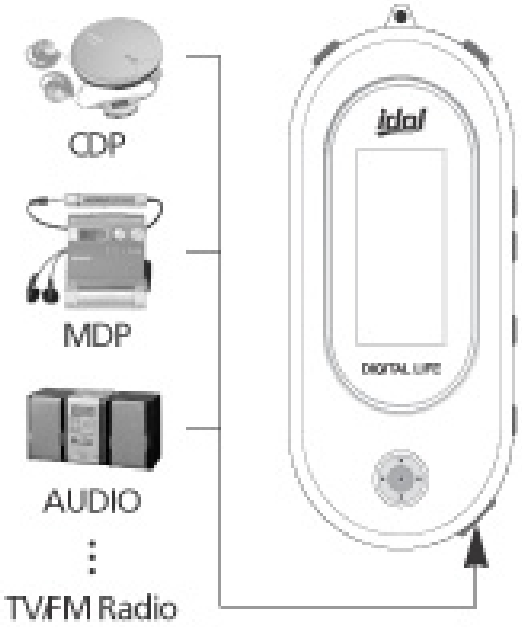
2. Voice recording
Go to the SET-UP menu in the main folder and select the 'RECORD' function.
Then adjust Voice, VAD, Bit Rate, SILENCE, etc as appropriate and press the (R.A.B) button

3. FM Radio Recording
Press the (R.A.B) button (FM Radio recording can be carried out in its current setting : to readjust the setting, choose either music/voice recording method)

▶ Note : the Record function setting is saved as the last selected function mode

Real time recording

▶ Idol can record music and speech (from CDP, MDP, AUDIO, FM RADIO, internet, TV, etc) in real time mode via the Sync recording function. It can also record and save music in MP3 format.



Before downloading music, there must be an AUDIO CABLE connection between Idol's audio input and the CDP, MDP, AUDIO, FM RADIO or other audio output.

Deleting files

1. To delete individual files
Go to the SET-UP menu in the main folder and select the 'ERASE' function. Next select Single mode, and then select the file to be deleted. Press the 'Menu' button to delete.

2. To delete all files in a folder
Go to the SET-UP menu in the main folder and select the 'ERASE' function. Next select 'All' mode and press the 'Menu' button. All files in the current folders will be deleted.

▶ Take care : deleted files cannot be restored!

Formatting files

● Go to the SET-UP menu in the main folder and select the 'FORMAT' function. Next, select 'Format' and Low 'Format' mode, and then press the 'Menu button'

▶ Take care : deleted files cannot be restored!

Checking current memory in use

1. To check memory size
Go to the SET-UP menu in the main folder and select the 'Memory check' function. Then go to 'Remain MEM' mode to check the total memory and remaining memory size.

2. To check the remaining record time
Go to the SET-UP menu in the main folder and select the 'Memory Check' function. Then go to 'REC Time' mode to check the remaining record time available.

Timer function

- This is useful for setting a time for recording or playing music.

1. Go to the SET-UP menu in the main folder and select the 'Timer' function. Then go to 'Sleep' mode and set the time you want.

2. Go to the SET-UP menu in the main folder and select the 'Timer' function. Then go to 'Record' mode, set the chosen time and record.

Adjusting the LCD Display

1. To operate EL Backlight
Go to the SET-UP menu in the main folder and select the 'LCD' function. Then select EL Backlight mode to turn the function On/Off.

2. To adjust the LCD Display
Go to the SET-UP menu in the main folder and select the 'LCD' function. Next select 'Contrast' mode and you can make adjustments (0~20).

▶ The EL Backlight is power-hungry, so use it only when necessary.

Selecting Language

● To select language

Go to the SET-UP menu in the main folder and select the 'Language' function.
Next select the language of your choice.

Idol Locking Keys

1. Use the Hold button to lock all buttons.
2. Press the R.B button
3. When the Hold icon is displayed on the LCD, all keys are locked.
4. To release hold, press the Hold button again.
5. The Hold function can only be activated on Play, Record and Radio.

Cautions

▶ Read the following carefully; it concerns the care of your Idol Player

1. Avoid shocks or impacts.
The idol player can withstand light knocks during walking or exercising, but dropping it from a height or subjecting it to heavy impact may damage the player.

2. Do not allow water to get into the unit.
If water gets inside the unit the internal parts may be damaged, and problems caused. Wipe water off the surface of the unit promptly with a dry cloth, and contact your service center.

3. Storing the player
Keep the player in a place free from moisture, strong magnetism, or heat, and remove the battery.

▸ idol

Model	Idol
Memory Capacity	Internal/64MB/128MB/256MB/512MB
Voltage	1.5V
Battery	AAA (General)
LCD	LCD Numerals(4line 128x64Full Dot Matrix) / EL Back Lighting
Size (WxHxD) / Weight	30 x 73 x 15 mm / 35 g (excluding the battery)
Case	ABS
File Transfer Rate	4.8 Mbps
Voice Recording	MPEG I, II Layer-3, VAD,TVF,SYNC,SILENCE,BR
Noise	90 Db
Earphone Output	10mW
Output Frequency Range	87.5 MHz ~ 108.0 MHz