

User Manual

MP3 PLAYER
FM TUNER
VOICE RECORDING

SLIDING USB JACK

124 Colors Backlight



MODEL :

CYPOSE I Series

DIMOTECH CO., Ltd

www.cypose.co.kr

Safety Instructions

To remove a battery, turn off the power by pressing the POWER key longer.

Searching memory by connecting PC, Please do not remove system file such as Config.sys and Map.sys

Downloading firmware, please do not disconnect the cable from PC.
You might not use the CYPOSE system.

While downloading or uploading the music file, please do not disconnect the cable from PC

Losing data might happen with memory file system damaged.

Do not impact on it, LCD would be damaged

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6. Special Mode Usage

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8. Firmware Upgrade

1 . 1 . Product Features

❖ Built-in USB Jack

You can directly download the files on PC without optional USB cable because of built-in USB jack.
(USB cable is provided as bundle)

❖ 3D Sound Effects and Bass Sense

Experience the best audio realism with 3D sound effects with adjustment function of bass.

❖ Full Graphic 4Line LCD and 124 Colors Backlight

Change the backlight depending on your mood and maximize your visibility with 124 colors backlight
4-line LCD (128 x 64 pixel).

❖ Direct MP3 Encoding

Just plug it to any external audio source (such as CD/LP/Cassette player) and CYPOSE will record onto the it in digital file format.

❖ Enhanced FM radio with Direct Recording / Voice Recording

FM Digital Synthesizer Tuner allows quick access to your favorite radio stations and assures drift-free radio reception. CYPOSE records music from FM radio stations directly to the embedded memory.

Record lectures and meetings with CYPOSE during 114 hours.

❖ Multi Codec (MP3/WMA)

Supports MP3, WMA, TVF file format.

❖ Portable USB Mass Storage

Use CYPOSE to store and carry your business documents, schoolwork, photographs, or other information, in addition to your favorite music.

1 . 1 . Product Features

❖ 6 EQ mode and User EQ

Enjoy quality sound with 6 Preset EQ Modes (Normal, Rock, Jazz, Classic, Live and Pop) or customize your own EQ by adjusting frequency bandwidth from -9dB to +5dB with 1dB setting.

❖ Media Sync Function

CYPOSE is best for studying languages and supports a lyrics display by downloading Media sync function.

❖ Folder Navigation

Search and select music file while you listen to music.

❖ Text Viewer Function

Read your text file that you have downloaded through LCD(4 line).

❖ Stopwatch Function

Use CYPOSE as a stopwatch.

❖ Playback Speed Control

It is convenient for use of language lesson due to 5 steps of speed control(slow speed play)

❖ Firmware Upgradeable

Upgrade your CYPOSE with newly released firmware with added functions.

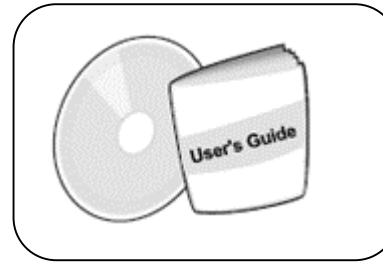
1 . 2 . Product Specification

Category	Item	Specification
AUDIO	No. Channel Frequency range Headphone Output S/N Ratio	Stereo (L+R) 20Hz ~ 20KHz 12mW + 12mW (16 Ohm) 90dB (MP3)
FM Radio	Frequency range Headphone Output S/N Ratio	87.5MHz ~ 108MHz 12 mW + 12mW 50dB
FILE SUPPORT	File format MP3 Encoding Bit rate Tag	MPEG 1/2/2.5 Layer 3, WMA MPEG 1/2/2.5 Layer 3 MP3 : 8Kbps ~ 320Kbps WMA : 32Kbps ~ 192Kbps ID3 V1 Tag, ID3 V2 2.0, ID3 V2 3.0
POWER SOURCE	Battery	AAA x 1(LR03 1.5V Alkaline)
GENERAL	Display PC Interface USB Version Memory Download speed Playback hours Operational Temperature Dimension Weight	4 Line LCD (128 x 64 Pixel) USB Port USB 1.1 128/256/512 Flash Memory 6.4 Mbps Approx. 12 hrs -5 ~ 40 85.5 x 33.4 x 18 mm 33g (without battery)

1 . 3 . Package Contents



CYPOSE



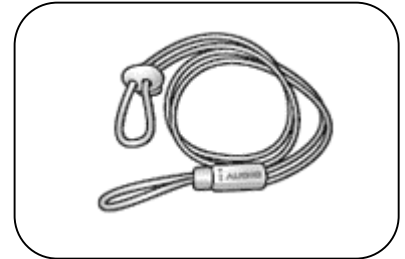
Installation CD & Manual



USB Cable



Line-in Cable



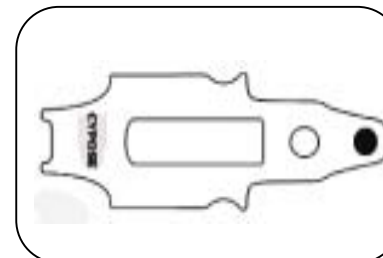
Necklace



Earphone



AAA Battery



Carrying Case

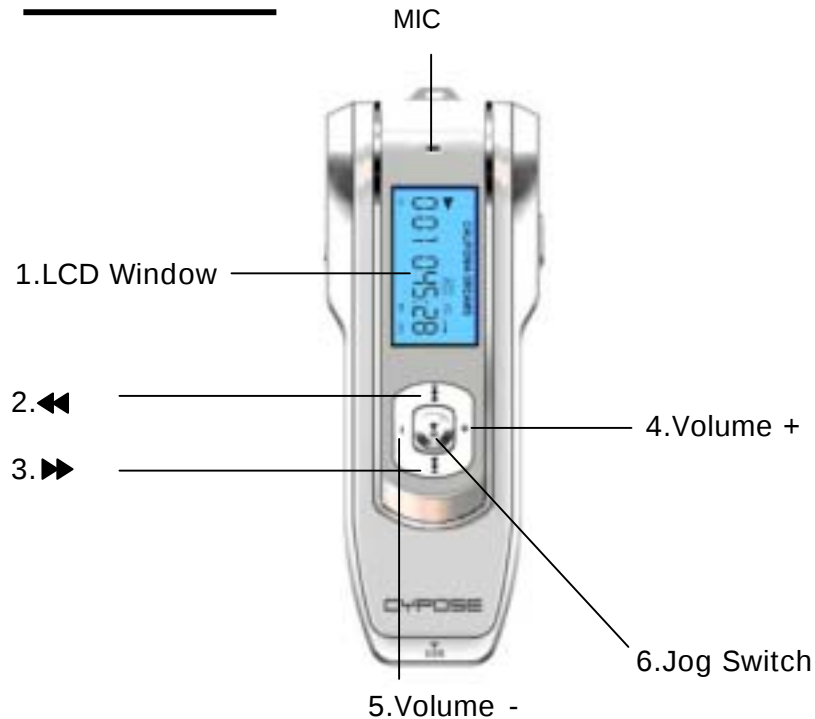


Option

Arm band

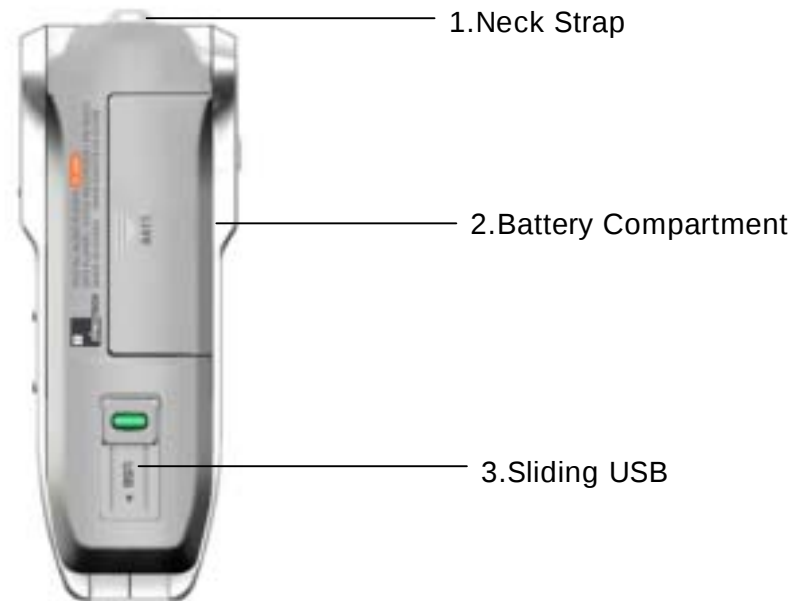
1 . 4 . Name of Parts

Front View



- 1.LCD Window
- 2.To select the previous music for MP3
- 3.To select the next music for MP3
- 4.To increase volume
- 5.To decrease volume
- 6.To select NAVI/MENU function & Play/Stop
(Long Click : NAVI/MENU, Short Click : Play/Stop)

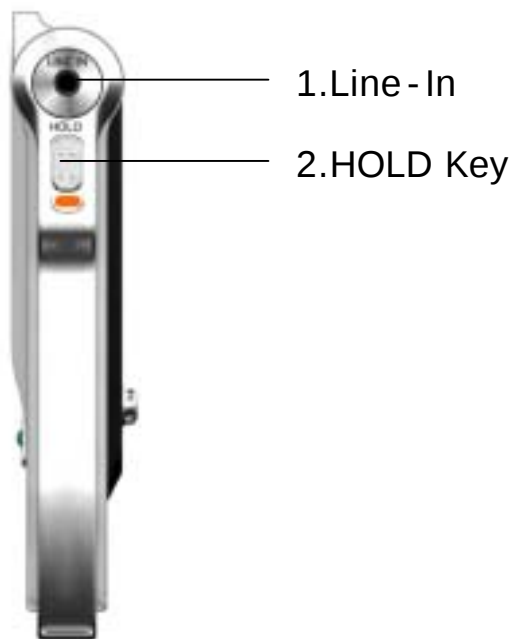
Back View



- 1. Neck Strap
- 2. Battery Compartment
- 3. Sliding USB Jack

1 . 4 . Name of Parts

Side View(1)



1.Plug it to any external audio source (such as CD/LP/Cassette player) and CYPOSE will record onto the player in digital file format.

2.Hold the Keys

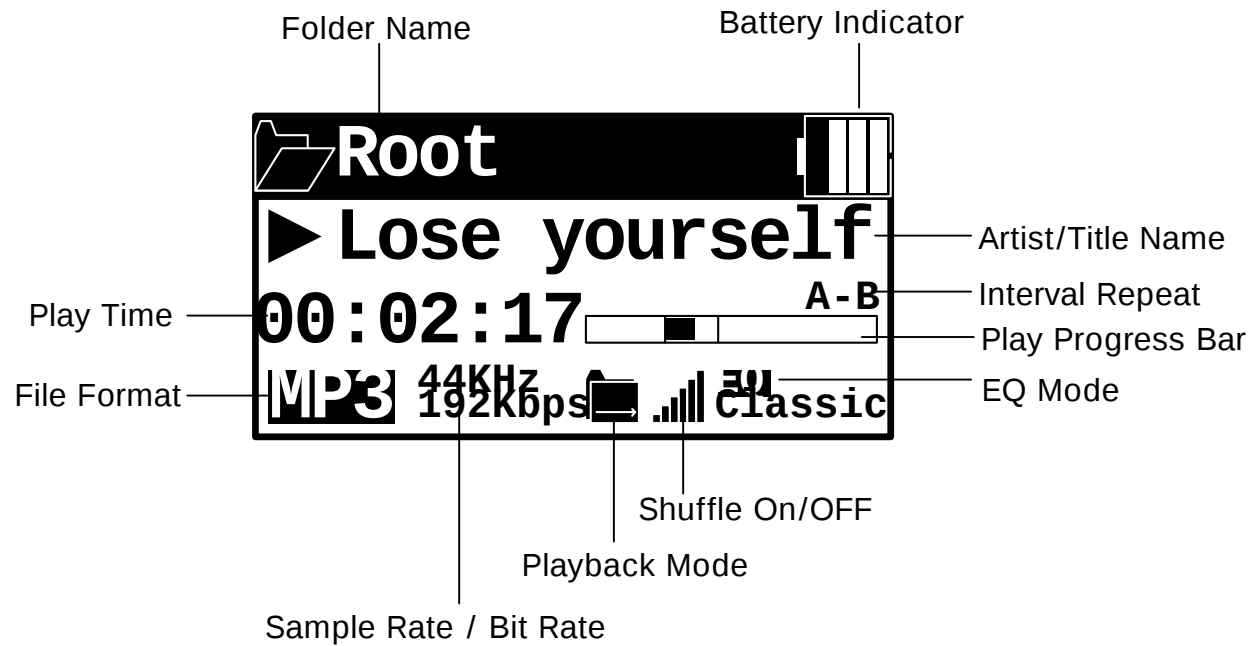
Side View(2)



1.Earphone
2.REC Key : Recording and Folder/File Searching
3.Mode Select : Music Player / Recording /
FM Radio / Special
4.Power On/Off : A long press of this key will Power
On / Off

1 . 4 . Name of Parts

LCD Window



2 . Connecting USB Jack

Connecting USB Jack (USB Cable)



1. Press the green button of CYPOSE's back side and Push it out.
And the built-in USB jack appears.
2. Connect the USB jack to the USB port of your computer.
(Or You can use USB cable(provided).)
3. "Connection icon" will appear on the LCD of CYPOSE.



[PC <-> CYPOSE Connection]

- ❖ When downloading the file, "Don't remove USB" displays on the LCD and backlight turns on.
[Caution !!] When downloading the file, do not remove the USB jack of the player from the PC



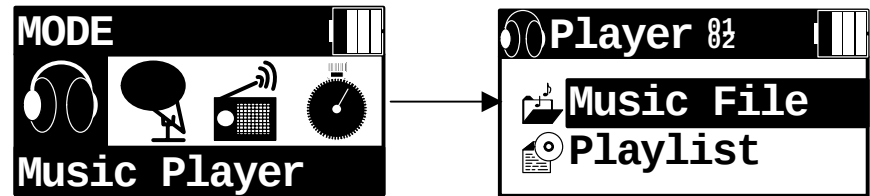
When download complete, "Don't remove USB" disappears on the LCD and the backlight turns off.

- ❖ For Windows XP, it is ok to disconnect the USB jack after the transfer window is closed.
For Windows 2000, however, you should run 'Safety Remove Hardware' before disconnecting USB jack.

3 . Music Player Mode Usage

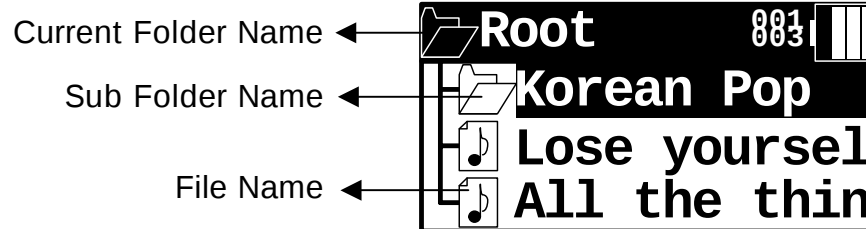
Music Player Mode consists of 'Music File Player' playing the music file and 'Playlist Player'. Playlist Player is the function you can specify your preferred music to playback.

1. Press the MODE Key.
2. Select the Music Player Mode
3. Press the Jog Switch after selecting either 'Music File Player' or 'Playlist' mode.



Music File Player

❖ File Navigation Screen



❖ Music File Player Screen

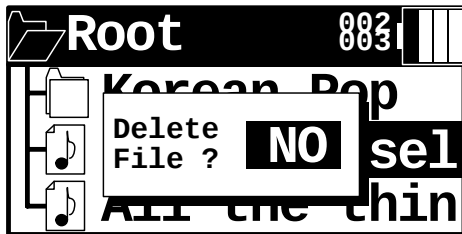
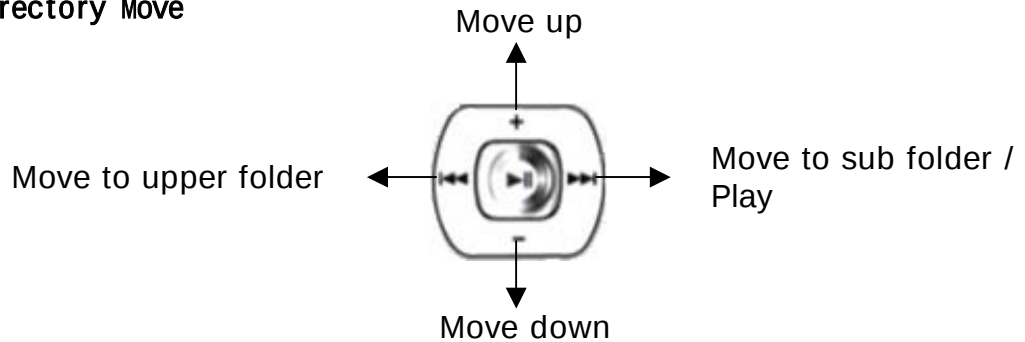


3 . Music Player Mode Usage

File navigation and file management on the File Navigation Screen



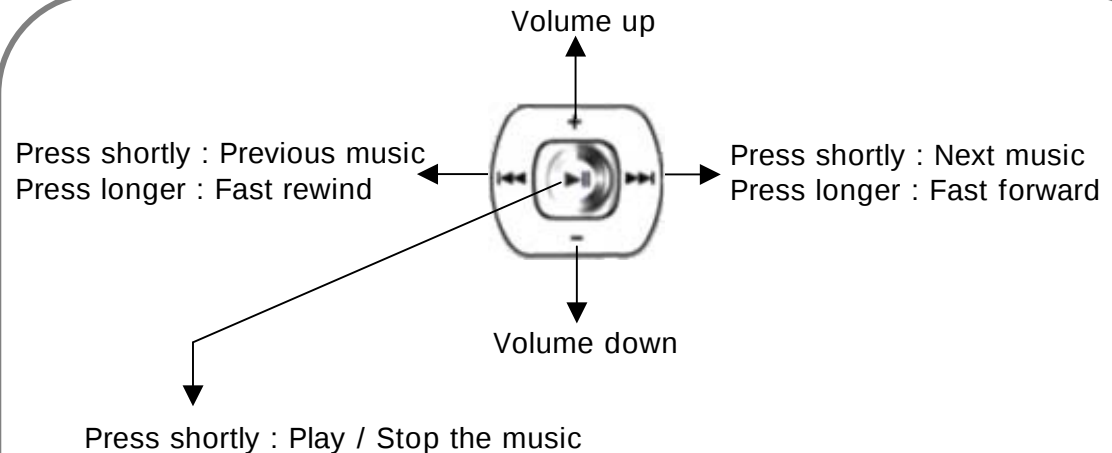
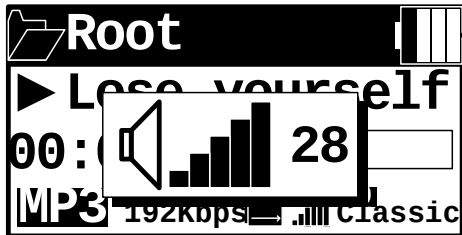
❖ Directory Move



❖ Deleting file and folder

1. Select the file you want to delete.
2. Press and hold the MODE key.
3. Select 'YES' using the Jog Switch and Press the Jog Switch

Key operations during playback(1)



- ##### ❖ Entering file navigation mode during playback
- Press the 'REC' key longer

3 . Music Player Mode Usage

● Key operations during playback(2)



❖ Block Repetition : Use the 'REC' key during playback.

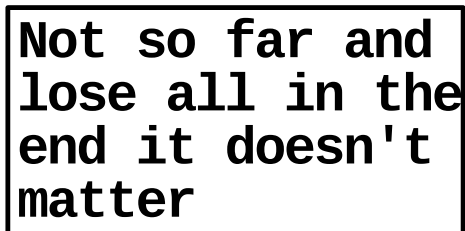
- 1.Press the 'REC' key shortly at the beginning position of the block you want be repeated. (A-)
- 2.Then press the key again at the ending position of the repeat block.(A-B)
- 3.Press the key again to release this function.



❖ Bookmark Function : Use the 'POWER' Key during playback.

If you press the POWER key at the position of the tracks that you want bookmark, that position is bookmarked.

You can move to the bookmarked position by pressing the Jog Switch to the left/right direction.



❖ Lyrics support : This production supports lyrics of s song (4 Line Display)

3 . Music Player Mode Usage

Playlist Player

❖ Playlist Player

Playlist Player is the function you can specify your preferred music to playback.



[Playlist Screen]



[Playlist Playback Screen]

● To add to playlist



1. Select "< Add File >" using the Jog Switch and press the Jog Switch or press it to ► direction.



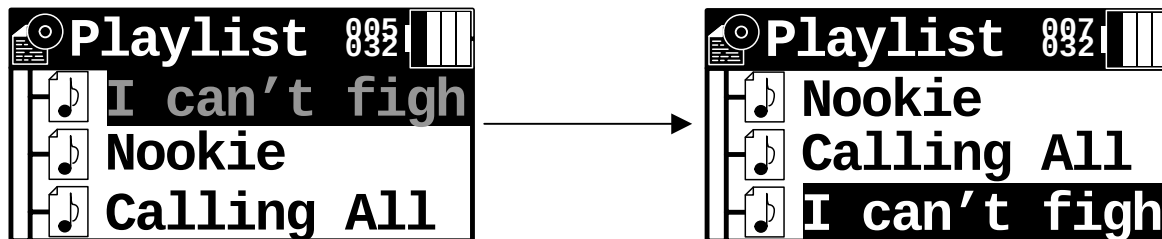
2. When the navigation screen appears, Select the file you want using the Jog Switch



3. Press the Jog Switch or press it to ► direction. Then selected file is added to the Playlist.

3 . Music Player Mode Usage

Change the order of the added files to the Playlist



1. Select the file you want move by pressing the Jog Switch upward/downward and Press the 'Jog Switch' shortly.
2. Move the selected file to the position which you want to move by pressing the Jog Switch upward/downward
3. Press the Jog Switch.

Deleting the added files to the Playlist



Select the file you want delete and Press the Jog Switch.

Playing the added files to the Playlist



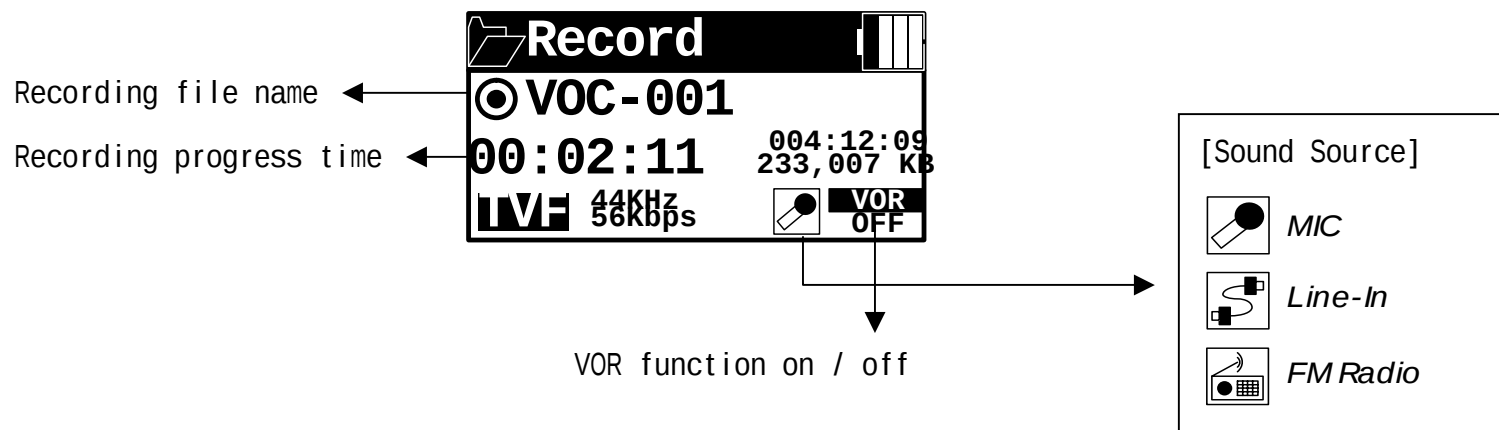
Press the Jog Switch to ► direction after selecting the file you want.

Returning to the Playlist during playback

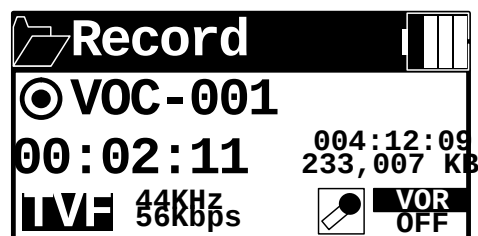
If you press the 'REC' key longer during playback, you can return to the Playlist.

4 . Recording Mode Usage

Select the 'Recording Mode' after pressing the 'MODE' key.



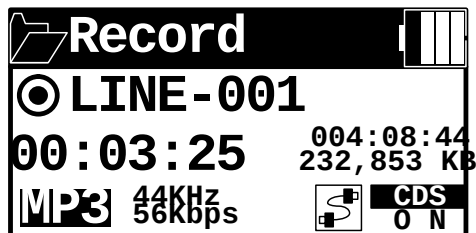
Voice Recording (Recording voice with the built-in microphone)



- 1 Do not connect anything to Line-in jack.
- 2 Enter the 'Recording Mode' using the Jog Switch.
- 3 When you press the 'Jog Switch' or 'REC' key, Recording starts.
- 4 Press the key again to stop the recording.
Then the file is recording in the preset recording quality as the file name VOC-///.MP3 in the REC folder.

4 . Recording Mode Usage

● Line-In Recording (Direct Encoding)



Line-In Recording is the function recording the audio signal from the audio device or PC

1. Connect the headphone jack of the CDP and the Line-in jack of the CYPOSE with two-way stereo cable.
2. Enter the 'Recording Mode'. (Automatically recording source is changed VOC to LINE.)
3. When you press the 'Jog Switch' or 'REC' key, line-in recording starts.
4. Press the key again to stop the recording.

Then the file is recording in the preset recording quality as the file name Line- NNN.MP3 in the REC folder.

* Line-In Recording provides the CD-Sync function.

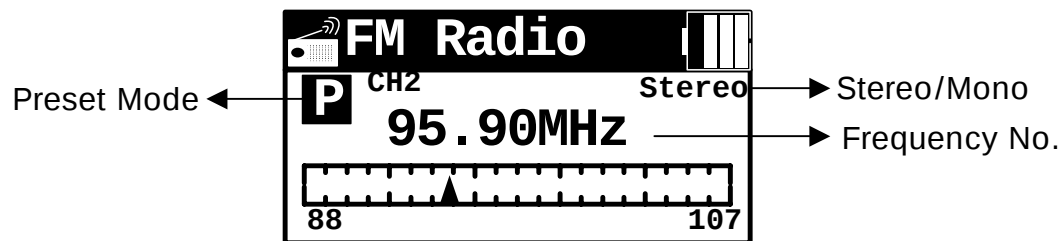
Note

CD-Sync?

This is the feature to automatically detect the sound input from the Line-in jack and recognize blanks between tracks to save the tracks separately as individual files.

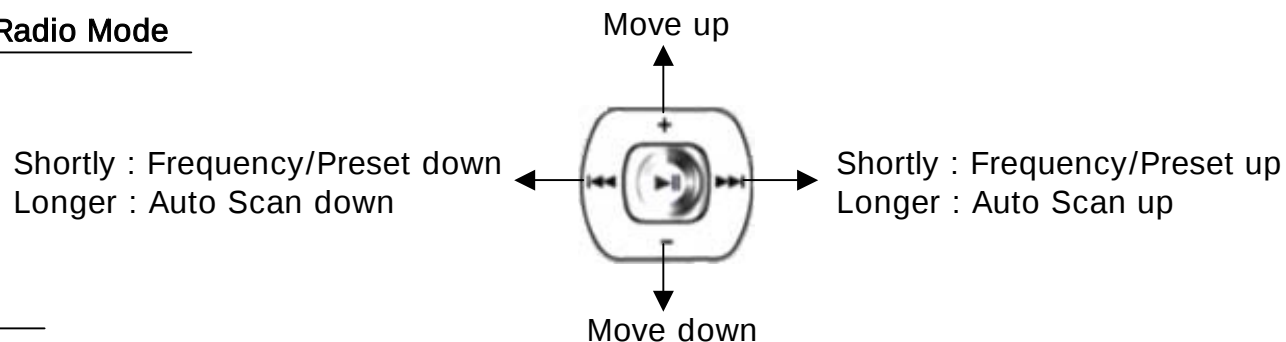
5 . FM Radio Mode Usage

Select the 'FM Radio Mode' after pressing the 'MODE' key.



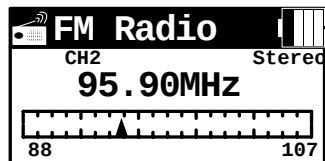
- FM Radio frequency range is from 87.5MHz to 108.0MHz

Key operation in the FM Radio Mode

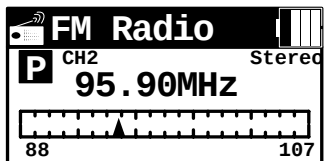


FM Radio Preset Mode

[Manual Mode]



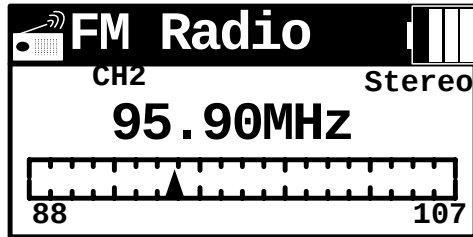
[Preset Mode]



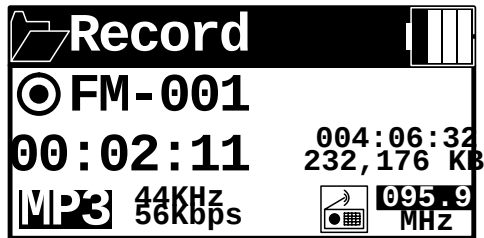
- ❖ Select a station by pressing the 'Jog Switch' to ◀▶ direction.
- ❖ In the Preset mode, the saved channel will be moved up and down when you press the 'Jog Switch' to ◀▶ direction.
- ❖ To save the station
 1. When you press the 'POWER' key at the station you want save, 'P' icon displays on the LCD.
 2. When you press the Jog Switch shortly, CH/V displays on the LCD.
You can save up to 10 Channels.

5 . FM Radio Mode Usage

Recording FM Broadcasting



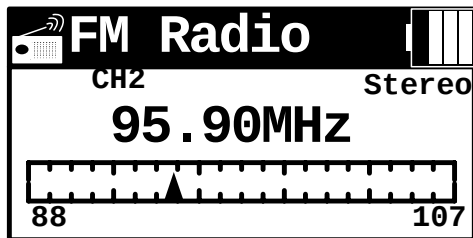
❖ Within listening FM Radio, you can record FM radio.



1 To record FM Radio, please press long 'REC' button.

It begins Record once recording mode screen display.

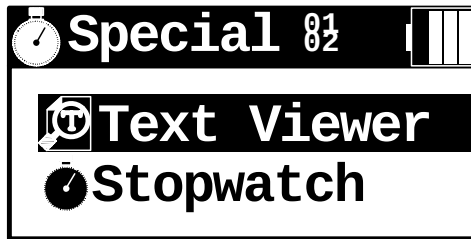
The sound source and frequency appears on the left pictures bottom line.



2 To finish the records, please press jog switch or 'REC' key.

It stores recording by "FM - WWW.xxx" form, it turns back FM radio mode.

6 . Special Mode Usage



Special Mode provides two additional function.

1. Text Viewer function
2. Stopwatch function

Text-Viewer

● TXT files management



- Text file searching is possible only TXT files, and to view the text file, it is permitted When the ANSI form text.
- You can delete the file by pressing the Jog Switch longer
- To read the text file, move curser to the file you want see.
- And press jog switch or press it to the right direction.

● Viewing TXT files



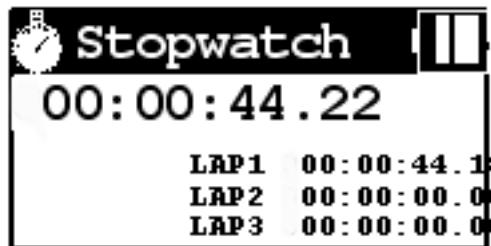
When you select the searching screen, the text file appears in the whole screen.(4 line supports)

- On the way reading text file, to turn back text file please press the Jog Switch to the left direction.

6 . Special Mode Usage

Stopwatch

[Stopwatch Screen]



- The screen of stopwatch shows a timer at the top of the right.
- It can indicate 1/100 seconds and up to 99hour 59minitues 59 seconds and 99.
- Lap times also appear at the bottom of the screen
3 Lap times appear at once; it shows the Lap time up to 99th.

Key Operation

- Stopwatch is controlled by two keys
- REC has the functions of a timer, stop and initiation
- Press MODE key, then Lap time will be recorded

Note

1. Only when stopwatch action is stopped by REC key, you can escape from the stopwatch screen by pressing the Jog switch to the left direction.
2. Can not move into MODE list, Recording Mode and Menu Screen in Stopwatch action
3. Time difference in a timer may occur due to system situation.

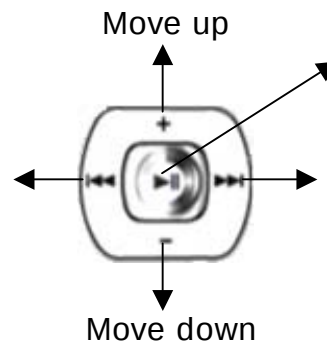
7 . MENU Usage

Using the 'MENU'



❖ Into the 'MENU' Mode : Press the Jog Switch longer.

Move to upper menu
/ Exit menu



Click longer : Enter the MENU
Click shortly : Set the MENU

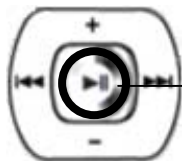
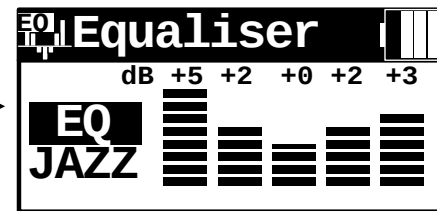
Move to sub menu

[Menu List]

ICON	MENU	SUB MENU
	Sound	Equalizer / Bass Sense / 3D Effect
	Backlight	Scroll Speed / Contrast
	Display	Scroll Speed / Contrast
	Timer	Power Down / Backlight
	Player	Boundary / Repeat / Shuffle / Speed / Intro Play / B.M Clear
	Battery	Rechargeable / Alkaline
	Recording	Quality / V.O.R. / CD-Sync
	FM Radio	Auto Scan / Stereo / Preset Clear
	Memory	Information / Low Format
	FW Upgrade	
	Information	

7 . MENU Usage

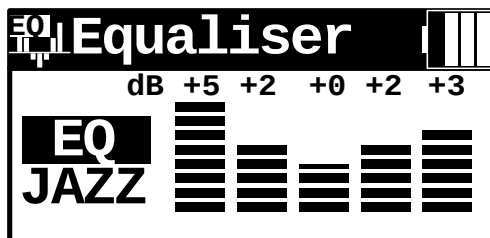
Sound



1.To enter the MENU,
press this key longer

2.Select MENU you want and press this key again shortly

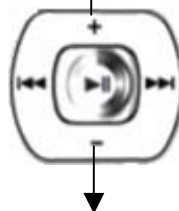
Equalizer



CYPOSE provides 6 mode EQ
and 1 User EQ

1

Move up



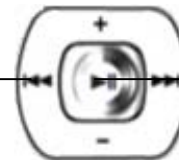
Move down

Select one EQ by pressing the Jog Switch to
'+' '-' direction.
- Normal/Classic/Live/Pop/Rock/Jazz/User EQ

2

Set EQ mode and Exit

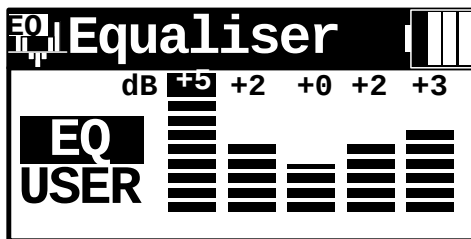
Click shortly



Click shortly

7 . MENU Usage

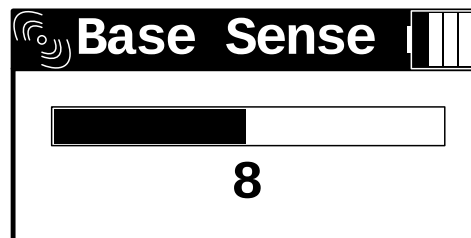
❖ User EQ



Customize your own EQ by adjusting frequency bandwidth from -9dB to +5dB with 1dB setting.

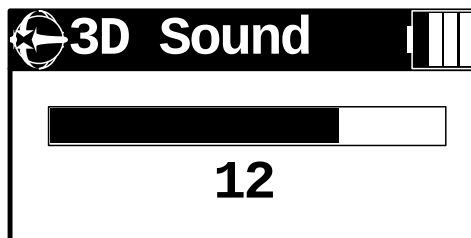
1. Select User EQ and press the 'Jog Switch' to ►► direction to turn into the 'editing' mode.
2. Change the values by pressing the Jog Switch to '+' '-' direction.
3. Press the Jog Switch shortly
4. Press the 'Jog Switch' to ◀◀ direction to exit this menu

● Bass Sense



- Bass Sense is the bass amplifying feature that emphasizes low frequency.
- Level is provided from 0 to 15.
- You can control level by pressing the Jog Switch to ◀◀ ►► direction.

● 3D Effect

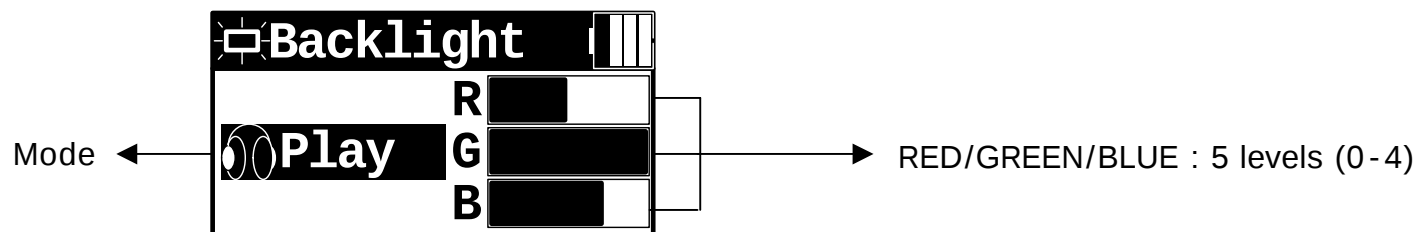


- 3D Sound provides 3 dimensional sound effects.
- Level is provided from 0 to 15.
- You can control level by pressing the Jog Switch to ◀◀ ►► direction.

7 . MENU Usage

Backlight

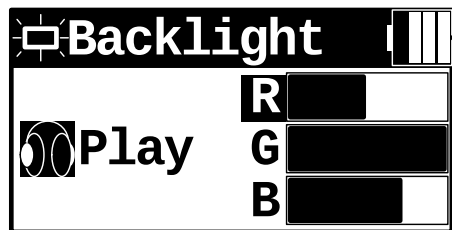
You can change the backlight depending on your mood and maximize your visibility with 124 colors backlight



❖ Setting Mode List

- | | |
|-----------------------------|--------------------------------|
| 1. Play (Music Player Mode) | 6. Manual mode (FM Radio Mode) |
| 2. Stop (Music Player Mode) | 7. Preset mode (FM Radio Mode) |
| 3. Pause (Recording Mode) | 8. Search (Text Viewer Mode) |
| 4. Stop (Recording Mode) | 9. Viewer (Text Viewer Mode) |
| 5. Record (Recording Mode) | 10. Run (Stopwatch Mode) |
| | 11. Stop (Stopwatch Mode) |

● Setting up Backlight Color



1. When you select the mode you want set up, cursor is moved to color setting bar of right side on the LCD.
2. Control color value by using the Jog Switch.
3. If your color setting is end, press the Jog Switch.
4. Press the Jog Switch to ◀ direction to exit this menu.

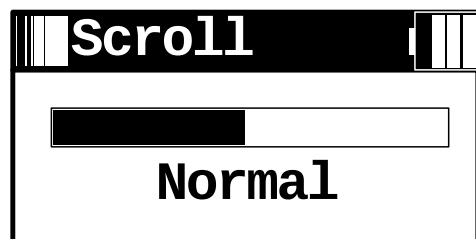
7. MENU Usage

Display



Select the sub menus by pressing the Jog Switch upward/downward.

Scroll Speed



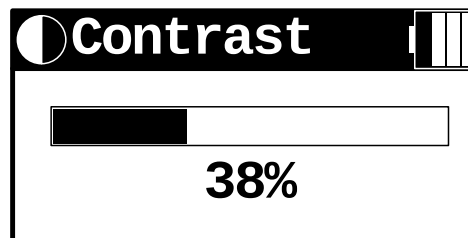
- This is the feature to adjust the scroll speed of text on the LCD display.
- You can choose : Slow / Normal / Fast / Fastest

Language



This is the feature to display file name on the LCD.
[Language support]
English / German / French / Russian / Spanish

Contrast



This is the feature to adjust the brightness
of the LCD display.

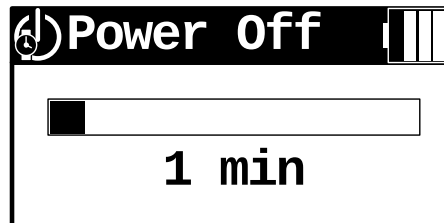
7 . MENU Usage

Timer



Select the sub menus by pressing the Jog Switch upward/downward.

Power Down



- When there is no button operation during a preset time while the CYPOSE is stopped, it is automatically turned off
- You can choose : 1 min, 2 min, 3 min 10 min

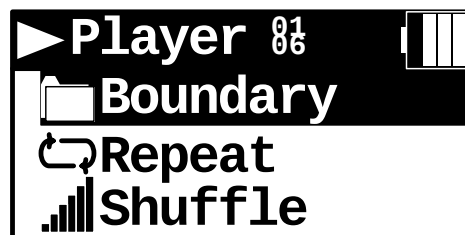
Backlight



- Select the backlight time you want by pressing the Jog Switch to the left/right direction.
- You can choose :
Always Off”, “Always On”, 5 sec, 10 sec, 30 sec, 60 sec.

7 . MENU Usage

Player



[Player Menu list]

Boundary



Select the range of item to be played by moving cursor up and down with Jog Switch.

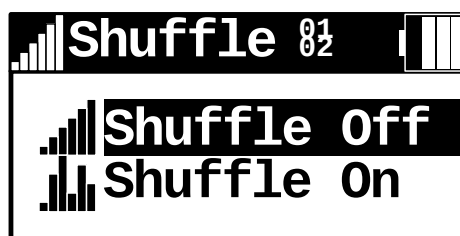
- * All Files: All tracks are played regardless of the folder
- * Folder: Only the currently selected folder is played
- * One File: Only one song is played

Repeat



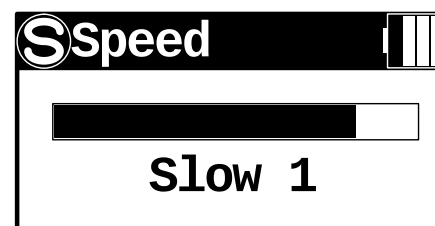
You can adjust the repeat value to apply to the track to be played.

Shuffle



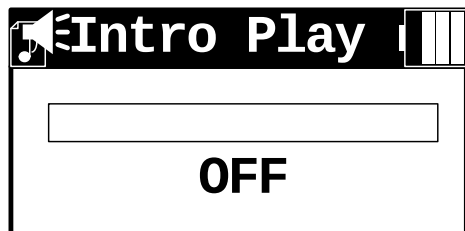
This sets whether or not to play randomly within the boundary specified in the 'Play' mode

Speed



During playback, you can set up playback speed(slow) by pressing the Jog Switch to the left /right direction. Provides 5 steps of slow speed.

Intro - Play



You can set up intro function by pressing the Jog Switch to ◀▶ direction. If you set up intro play, it works only 5 seconds when the music plays.

B.M. Clear

When this function is set up, all the set-up Bookmarks are deleted.

7 . MENU Usage

Battery



Select the battery type by pressing the Jog Switch upward/downward.
You can check proper remained power level for each battery

Rechargeable (1.2V)
Alkaline (1.5V)

Recording



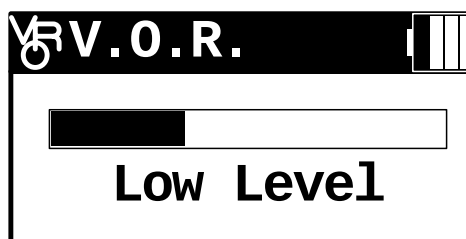
Select the sub menu by pressing the Jog Switch upward/downward.

Quality



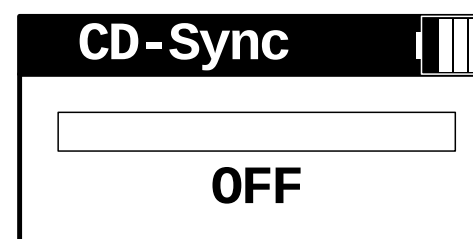
Select the recording quality by pressing the Jog Switch upward/downward.

V.O.R.



- Select the VOR sensitivity by pressing the Jog Switch to the left/right direction.
- It releases when the level setting is off
- High level works more sensitive VOR than Low level.

CD-Sync



- Select the response time of sensitivity by pressing the Jog Switch to the left/right direction.
- When it off, CD-Sync function releases and High level acts more sensitive than Low level.

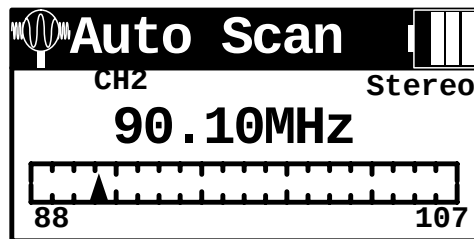
7 . MENU Usage

FM Radio



- Select the sub menus by pressing the Jog Switch upward/downward.
- It is permitted only FM Mode.

Auto Scan



- When you perform this function by pressing the Jog Switch, this is automatically search the broadcast station and it is set up preset frequency automatically.
- After this function, it is set up preset mode automatically.

Stereo



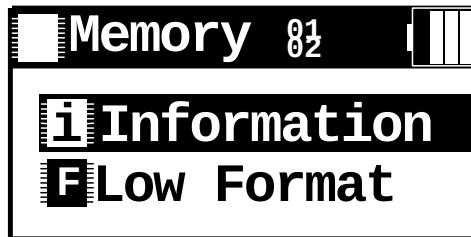
- This is the function to listen to the broadcasting with stereo/mono.
- You can change this by pressing the Jog Switch to the left/right direction.

Preset Clear

This is the function to delete preset frequency setting.

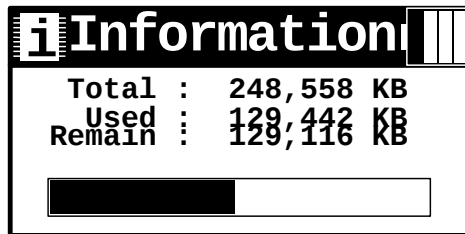
7 . MENU Usage

Memory



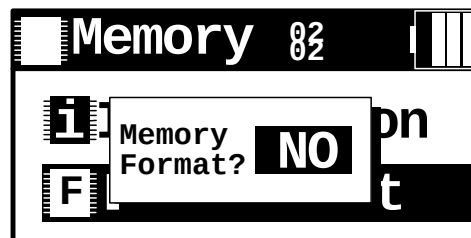
Select the sub menus by pressing the Jog Switch upward/downward.

Information

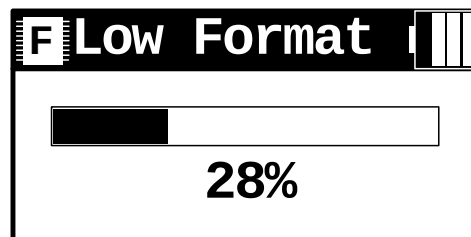


- Information on the flash memory in CYPOSE is displayed.
- You can check usage and remaining memory size.

Format



- If you select the format function, the memory will be initialized and all files will be deleted.
- You must use only when you need it.



- ❖ Low format : Starts low-level format.
- ❖ Fast format : Starts quick format

7 . MENU Usage

FW Upgrade



- Firmware is the internal program to operate the product.
- You can download the latest firmware from our web site.

Information



The current version number of the firmware installed in CYPOSE is displayed.

8 . Firmware Upgrade



Firmware Upgrade

- ☐ The function of CYPOSE can be improved.
- ☐ We provided the latest firmware.
- ☐ Users can download the latest firmware upgraded through a CYPOSE website.

How to install the latest Firmware

- 1 Enter menu Mode by pressing the Jog Switch longer
- 2 Select 'FW upgrade' menu by pressing the Jog Switch upward/downward
- 3 When the message of "Disconnect" appears on the player screen, connect USB jack into PC
- 4 When The screen is changed into the message "Connect" , execute the program of Firmware upgrade.
- 5 After selecting Firmware file through program, press the button of Firmware download
- 6 Progress bar is moving up to 100% and completed, remove USB jack from PC
- 7 After taking out a battery and put it again, press power key long to turn on.

FCC Compliance

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
UNDESIRE OPERATION

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV
INTERFERENCE CAUSED UNAUTHORIZED MODIFICATIONS TO THIS
EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S
AUTHORITY TO OPERATE THE EQUIPMENT.

USER 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.