LG

DIGITAL MUSIC PLAYER
OWNER'S MANUAL
MODEL: FM11

MF-FM11S1K / FM11S2K / FM11S5K

MF-FM11S1W / FM11S2W / FM11S5W

Before connecting, operating or adjusting this product, please read this instruction booklet carefully and completely.

Designs and specifications are subject to change without notice for improvement.

CE

Contents

Feature

Removable Storage Device

You can easily copy and paste files to the player using Windows Explorer.

USB 2.0 Support

USB 2.0 transmits data with a speed of 480Mbps that is 40 times faster than USB1.1.

Voice Recording

You can make high quality voice recordings.

FM Reception

Listening to an FM program is made easy with Auto Search and Frequency.

Upgrading Firmwares

It can become the continuous improvement of the function and the various setting up this product.

MP3, WMA, Playback

- **MP3** is MPEG1 Layer3 audio format.
  MP3 is a well known, high quality digital audio format. MP3 files can be compressed up to 12 times the original wave file size.

- **WMA** (Windows Media Audio code) is the highest quality in terms of a sound and music. WMA provides all type of the best sounds from 8kHz to 48 kHz.

Precaution

Never attempt to disjoin or repair the product yourself.

Never use the product for other purposes than those described in this guide.

Note that malfunctions may occur if you use the product in places where static electricity occurs frequently.

Avoid to leave the product in hot or humid place.

Take special attention when touching the product box, owners manual and accessories to avoid cuts.

If the product emits an unusual odor or excessive heat, or you notice anything else that seems unusual, do not use the product and contact our Customer Service Center.

Pay attention to the USB cable direction when connecting the product to PC.
The PC or the product may be damaged if you connect the USB cable in the wrong direction.
Never use damaged or worn USB cable.

Do not use the product near water.
Do not touch this product with wet hands.

Be sure to back up your data files.
The files on the player may be deleted while using the product.
We are not responsible for any damaged or lost files that are not saved on your PC.
Customer Service Center does not back up your data while servicing.

Avoid to use headphone or earphone while driving a vehicle, motorcycle, riding a bicycle, getting exercise or working in dangerous areas.
Not only is it dangerous, but also illegal in some areas.

Front / Rear Panel

Left / Right / Bottom Panel
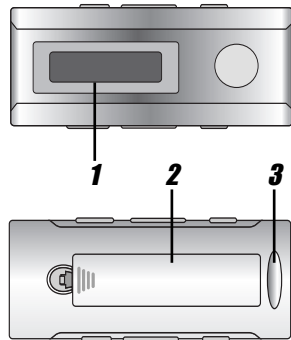
1 **LCD**

2 **Battery Cover**

3 **Necklace connector**

4 **USB Port**

5 **Hold switch (HOLD)**

6 **SKIP / SEARCH I◄◄ ►►I button**
FM radio frequency I◄◄ ►►I button

7 **MENU button**
A-B Repeat button

8 **LINE-IN Socket**
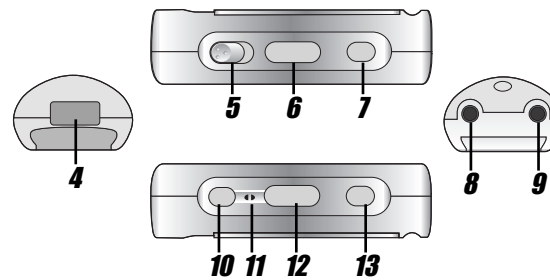
9 **Earphone Socket**

10 **STOP/OFF ■ button / Preset Up**
RETURN button

11 **Microphone (MIC)**

12 **Volume (-/+) button**

13 **PLAY / PAUSE ►II button / Preset Down**

LCD Display

🎵001/006⟲ **ROCK** 🔋
▶ **MP3**   02:13 / 04:06
Happy Time

🎵001/006A-B**ROCK** 🔋
▶ **MP3**   02:13 / 04:06
Happy Time

🔊▭▬▬Volume 18 🔋
▶ **MP3**   02:13 / 04:06
Happy Time
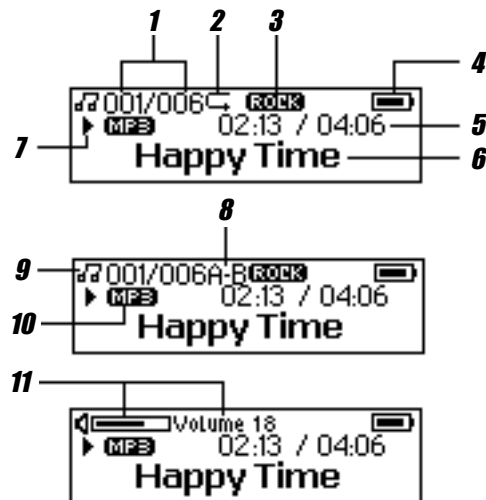
1 **Track Number / Total Track**
2 **Repeat indicator**
3 **Equalizer indicator**
4 **Battery indicator**
5 **Elapsed Time / Track Time**
6 **File information**
7 **PLAY / PAUSE / STOP / REC indicator**
8 **A-B Repeat indicator**
9 **Music Mode / Voice Mode indicator**
10 **Music Type indicator**
11 **Volume indicator**

Installing Software

Operation Circumstances

Your MP3 Player needs the following minimal system requirements for your computer.

- OS : Windows ME / 2000 / XP
- CPU : At least Pentium - 133MHz
- Memory : At least 32MB
- HDD Space : At least 100MB
- Video Card : 640 x 480 Mode, At least High Color(16bit)
- USB Port
- CD-ROM Drive

You can update the install software for Windows ME/2000/XP available etc. from an internet website by LG Electronics Inc.
Refer to the following sample contact procedure;

http://www.lge.com → Service Site → Select Your COUNTRY
→ Product Support → Device Driver

Note

- Windows ME, Windows 2000, and Windows XP operating systems support USB 2.0 storage without additional setup. Windows Explorer may be employed to use the product as a portable storage device without installing any other information.
- Device driver installation is required for windows 98SE operating.j10

Installing the device Software

1 **Insert the software CD into drive D:\ (CD ROM drive). The install will run automatically.**

2 **Click the "Installation Driver" button in the installation window.**

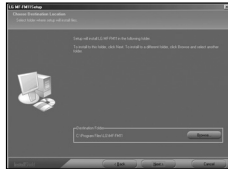*3* **Click the "Next" button in the installation window.**

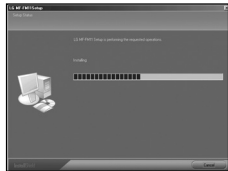*4* **Read about the license agreement and select "Yes".**

7

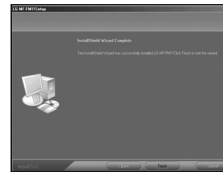**5** Select the installation folder and click the "Next" button.

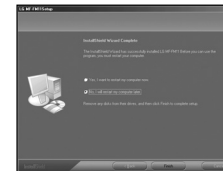**6** Set the path of program folder and then click the "Next" button.

7 Installation is progressing.

8 Click the "Finish" button when the installation complete screen is displayed.

**9** You must reboot your computer to complete the install.

Firmware Upgrade

You can upgrade FIRMWARE to add, change or improve the functions of the player, in which the Firmware means its Operating System.

1 **Visit the company website (www.lge.com) to check if there is an upgraded version available for the player.**

2 **Connect one end with the USB port on the back of your PC and then plug the other end into the USB connector of your Player.**

3 **Choose Program -> LG -> FM11 -> Firmware Update in the "Start" menu to start the firmware upgrade process.**
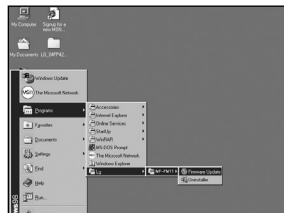
4 **The utility will start to search the MP3 player. Please wait until the Firmware Download window appears.**
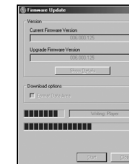
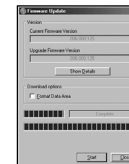**5** **Click the "Start" button to start.**
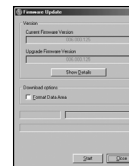
Note
Format Data Area option:
When not selected : Updates the firmware only.
If selected : Updates the firmware and formats the storage space.

6 **The firmware will be transferred to the player. Please wait until it has finished.**

**7** **Click the "Close" button to exit.**

Note
If the utility can not find the MP3 player even after searching for several minutes, please cancel the searching, and redo the steps from step 1 and make sure that the MP3 player is put into Recovery mode.

Recovery Mode

1 **Take out the battery from battery compartment.**

2 **Press and hold the play button. Do not release it until step 4.**

3 **Plug the MP3 player into the USB port of your computer.**

4 **Hold for 5 seconds and release the play button.**

5 **Leave the MP3 player in the USB port for the next step.**

6 **Choose Program -> LG -> FM11 -> Firmware Update in the "Start" menu to start the firmware upgrade process.**
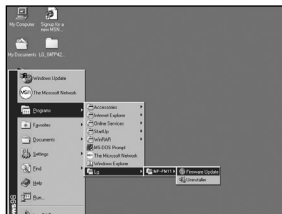
7 **The utility will start to search the MP3 player. Please wait until the Firmware Download window appears.**
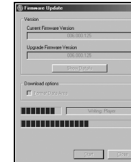
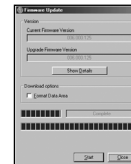*8* **Click the "Start" button to start.**
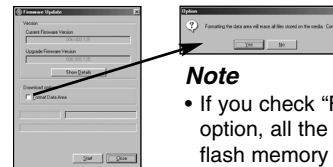
Note
• If you check "Format Data Area" option, all the data stored in the flash memory is deleted.

9 **The firmware will be transferred to the player. Please wait until it has finished.**
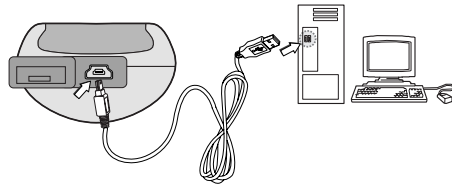
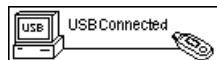*10* **Click the "Close" button to exit.**

Connecting USB Cable

1 Connect one end with the USB port on the back of your PC and then plug the other end into the USB connector of your MP3 Player.

2 The icon is displayed in the PC tray if successfully connected.

3 The following screen is displayed in the product LCD.

Disconnecting USB Cable

Wait until you get a message saying that you can safely unplug the device before disconnecting the USB cable.

1 The safe remove icon is in the system tray next to the clock.

2 Click on the icon to eject the player from the computer and select the 'Safely remove' message.

3 There will be a message indicating that it is now safe to disconnect the player.

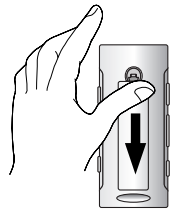**4** You can now go ahead and unplug the USB cable from the player.

Installing Battery

1 **Open the battery cover.**

2 **Insert the battery.**

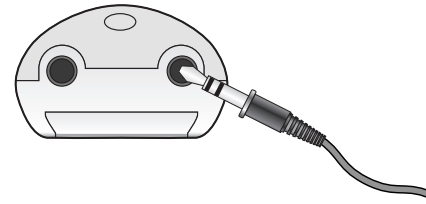Make sure to match the + and - on the batteries to the marks inside the battery compartment.

Note
• Improper use of batteries may cause battery leakage and corrosion.
• If battery leakage occurs, wipe the battery liquid from the battery compartment, then insert new battery.

Connecting Earphone

**Connect the earphones to the earphone socket of the player.**

Downloading Files

1 **Connect one end with the USB port on the back of your PC and then plug the other end into the USB connector of your Player.**

2 **Open Windows Explorer on PC.**
Portable Disk is displayed in Window Explorer.

3 **Select the file you want to save, then drag and drop it to the portable disk.**
The saved files will be played in the order of file name as they appear.
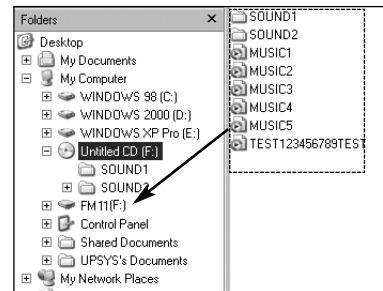
Note
• Don't remove the USB port while uploading or downloading a files.
• Time display appearing on the display part when playing VBR file may vary and there may be some difference from actual time (both progress time and VBR are displayed at the same time when playing file).
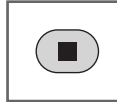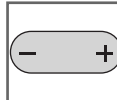
Power On

To turn on, press the ▶II button.

Power Off

To turn off, press the ■ button for more than 2 seconds on the pause mode.

Adjust Volume

You can adjust the volume by pressing volume +/- buttons.
- The volume level can be adjusted by 31 steps.(Min, 01~29, Max)

- The volume changes by 1 level when you press the button briefly, and it changes rapidly when you press and hold the button.

Hold Function

This function locks the main unit to prevent it from operating when you accidentally press a button.

UNLOCK

LOCK
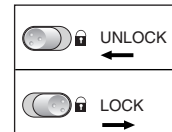
- Power automatically turns off after the "Holding …." display appears for about a second if powering on in the holding position.

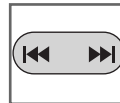- The word "Holding …." display for 2 seconds and disappears whenever pressing the operation button.

MENU Mode

1 **Press the MENU(M) button for more than 2 seconds to enter menu.**

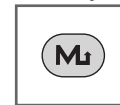**2** **Press ⏮ ⏭ button to select a menu you want.**

Menu | Settings

3 **Press MENU(M) button.**
The selected menu will be appeared.

Note
• To cancel mode switching and return to the previous mode, press ■ button.
• If you don't press any buttons within about 5 seconds in the menu, it will return to the main screen.

Music Mode

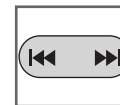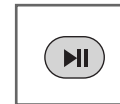**A mode to listen to the music files stored in the MUSIC memory.**

Select "Music" in the menu.
• If there is no music file existed, a message saying "No Files" will appear in the display.

To Play Files

1 **Press ⏮ ⏭ button to select a file you want.**

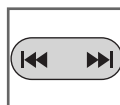**2** **Press ▶❙❙ button to play a file.**

To Pause Files

Press ▶❙❙ button during file playing.
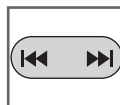To resume playback, press this button again.

To Skip the Files

To skip the next file
Press briefly the ▶▶I button on the main unit to select the next file.
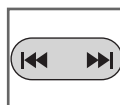
To skip the previous file
Press briefly the I◀◀ button on the main unit within 5 seconds of playing time.

To return the beginning of the current file
Press briefly the I◀◀ button on the main unit after 5 seconds of playing time.

To Search the Files

Press left or right for more than 2 seconds the I◀◀ ▶▶I button during file playing.

Note
• When you player the low bit rate(under 64kbps)files, operations can be late or song can be mute.

Local Repeat Function

1 **File playing, press MENU(M) button briefly once.**
"**A**" appears in the LCD.

2 **To select the local repeat ending point you want during file playing, press the button again.**
"**A-B**" appears in the LCD.

3 **To cancel local repeat function, press MENU(M) button.**
"**A-B**" disappears in the LCD.

Note
• The Local Repeat Function is not available in FM TUNER mode.
• After marking a start point, press MENU(M) button again within 3 seconds, then a ending point is not marked.
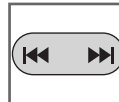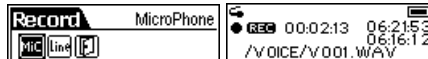• The A-B section repeat is available in a same song.

Record Mode : MicroPhone

M⊥

1 **Select "Record" in the menu.**
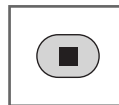
Menu Record

2 **Press I◀◀ ▶▶I button to select "MicroPhone."**

Record MicroPhone
MIC Line

● REC 00:02:13 06:21:53
                06:16:12
/VOICE/V001.WAV

3 **Start the voice recording to the Microphone (MIC) on the main unit.**

■

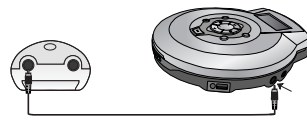*4* **If you want to stop recording, press the ■ button.**

Note

- The recorded files are stored in the current folder.
  MP3 : MP3_ENC / M001.MP3 or M002.MP3...
  WAV : VOICE / V001.WAV or V002.WAV...
- If the "MEMORY FULL" appears in the LCD, delete file to make space.
- Configure the audio file Bit rate before recording. (Record Settings > Mic > Rate)
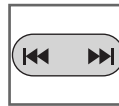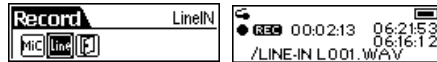- If you want to pause recording, press the ▶II button.

Record Mode : LineIN

1 **Connect an external audio output to the product line-in port.**

M⌁

2 **Select "Record" in the menu.**

|◄◄   ►►|

3 **Press |◄◄ ►►| button to select "LineIN".**

4 **Start the external audio output.**

5 **Start recording to a new file in the current folder.**

■
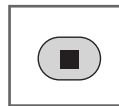
6 **If you want to stop recording, press the ■ button.**
The voice recording is completed.

Voice Mode

A mode to listen to the voice files stored in the VOICE memory.

M⌁

Select "Voice" in the menu.

• The recorded files are stored in the VOICE folder in the following format: V001.WAV or V002.WAV...
• This operation is similar to the playback of music.

Note
• The recorded files are stored in the current folder.
  MP3 : MP3_ENC / M001.MP3 or M002.MP3...
  WAV : LINE-IN / L001.WAV or L002.WAV...
• Configure the audio file Bit rate before recording.
  (Record Settings > LineIN > Rate)

FM Mode

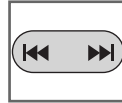**The MP3 Player allows you to listen to FM radio with the built-in digital FM tuner.**

Select "FM" in the menu.

M

| Menu | FM |

FM 87.5 MHZ Mono

• **Manual Tuning**
Press the I◀◀ ▶▶I button repeatedly.

• **Auto Tuning**
Press and hold the I◀◀ ▶▶I button.
Automatically scans and turns to the next available station.

Note
• When using the MP3 Player,Tuner at the first time, the MP3 Payer will automatically start to seek all available FM radio stations and save them into preset list. Please wait until the "Search" disappears from the display.
• FM Tuner reception may vary in different areas.
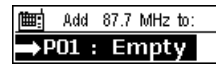• If you are in the area of low sensitivity, radio receiving may not be good.

Add to Preset

The MP3 Player tuner allows user to save a FM radio station to preset. After you have tuned to FM radio station.
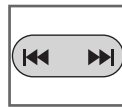
1 **Select "Add to Preset" in the FM menu.**
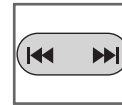
M

| FMSetting | Add to Preset |

2 **Press I◀◀ ▶▶I button to select one FM radio station in the preset list.**

Add 87.7 MHz to:
➡P01 : Empty

3 **Press the MENU(M) / ▶II button to save.**

M

4 Select "YES" or "NO" by pressing I◀◀ ▶▶I button.

Over Write? Yes No
➡P01 : Empty

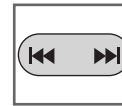| Yes	: To save the preset
No	: To give up the save

5 Press the MENU(M) button.

Load Preset

To select a FM radio station from the list to listen.

1 Select "Load Preset" in the FM menu.

FMSetting Load Preset

2 Press I◀◀ ▶▶I button to select one FM radio station in the preset list.

➡P01 : 87.7 MHz
P02 : Empty
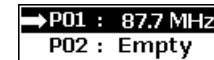
3 Press the MENU(M) button to load.

Note
Searching Preset
If you press the ▶II, ■ button short while listening to FM radio, the saved preset is searched.
▶II : Move the the next preset.
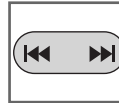■ : Move the previous preset.

Auto Scan

To re-scan all FM radio stations save them to the preset list automatically.

1 **Select "Auto Scan" in the FM menu.**

FMSetting Auto Scan

2 **The MP3 Player tuner starts to seek and save the FM stations automatically.**

Note
• If you listen to FM radio, insert the earphone into earphone jack.
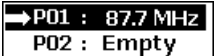 The earphones play the part of the antenna.

Exit to MUSIC mode from FM mode

Press the MENU(M) button for a while and release it. The MP3 player will exit FM mode and go back to MUSIC mode.

Delete One FM Radio Stations

M *1* **Select "Delete One" in the FM menu.**

FMSetting   Delete One

M *2* **Select FM radio station from the preset list.**

→P01 : 87.7 MHz
P02 : Empty

M *3* **Press MENU(M) / ►II button.**

M *4* **Select "YES" or "NO" by pressing I◄◄ ►►I button.**

→P01 : 87.7 MHz
Delete ?   Yes No
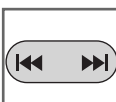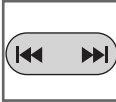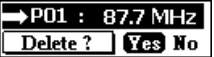
Yes	: To delete the FM radio.
No	: To give up the delete.
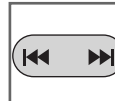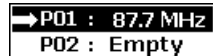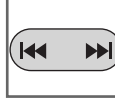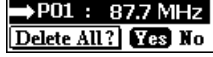
M *5* **Press the MENU(M) / ►II button.**

Delete All FM Radio Stations

M *1* **Select "Delete All" in the FM menu.**

FMSetting   Delete All

M *2* **Select FM radio station from the preset list.**

→P01 : 87.7 MHz
P02 : Empty

M *3* **Press MENU(M) / ►II button.**

M *4* **Select "YES" or "NO" by pressing I◄◄ ►►I button.**

→P01 : 87.7 MHz
Delete All?   Yes No

Yes	: To delete the FM radio.
No	: To give up the delete.

M *5* **Press the MENU(M) / ►II button.**
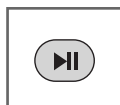
FM Radio Recording

1 **When listening to a FM radio, press and hold the ▶II button for a while and release it.**

REC 00:02:13   06:21:53
                06:16:12
/VOICE/V001.WAV
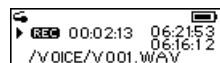
2 **The MP3 Player starts to record the FM radio.**
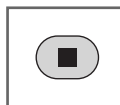
3 **Press the ■ or MENU(M) button to stop the recording and continue to listen the FM radio.**

Note
• In area with weak signals, some channels may not saved.
• A maximum of 20 channels can be saved.
• The recorded files are stored in the current folder.
  MP3 : MP3_ENC / M001.MP3 or M002.MP3...
  WAV : FM / F001.WAV or F002.WAV...
• If the "MEMORY FULL" appears in the LCD, delete file to make space.
• Configure the audio file Bit rate before recording.
  (Record Settings > FM> Rate)
• If you want to pause recording, press the ▶II button.

Playback FM Radio record

A mode to listen to the FM record files stored in the FM memory.

1 **Select "Navigation" in the menu.**
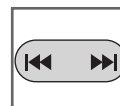
2 **Use I◀◀ ▶▶I button to select the desire folder or file.**

3 **Press the ▶II button to play.**

• The recorded files are stored in the current folder.
  MP3 : MP3_ENC / M001.MP3 or M002.MP3...
  WAV : FM / F001.WAV or F002.WAV...
• This operation is similar to the playback of music.

Navigation Mode

You can search music file while listening to music.
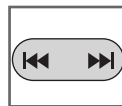
1 **Select "Navigation" in the menu.**

2 **Press MENU(M) button.**
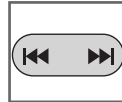
3 **Use I◄◄ ►►I button to select the desire folder or file.**
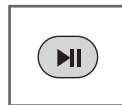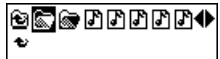
4 **Press the ►II button to play.**

Note

• When a folder is selected in the navigation mode, press the MENU button, a sub-menu window will pop-up.

Play	: To play music located in the folder.
Enter	: To enter the folder.
Cancel	: To cancel.

• When a file is selected in the navigation mode, press the MENU button, a sub-menu window will pop-up.

Play	: To play this file.
Delete	: To erase.
Cancel	: To cancel.

Settings Mode

You can change the configuration to the device.

M↵

1 **Select "Settings" in the menu.**

Menu Settings

I◀◀ ▶▶I

2 **Use I◀◀ ▶▶I button to select the desire setting mode.**

M↵
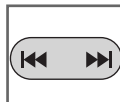
3 **Press the MENU(M) button to select that setting.**
After setting is finished, press and hold MENU button for a while and release it to exit the menu.

Equalizer Function

You can choose between 6 fixed repeat mode.

Settings Equalizer

Normal	: For Standard mode.
XBass	: For Ultra bass mode.
Rock	: For Rock mode.
Jazz	: For Jazz mode.
Classical	: For Classical mode.
Pop	: For Pop mode.

Note
• If you don't press any buttons within about 7 seconds in the menu, it will return to the previous screen.
• The Equalizer Function is not available to the FM TUNER mode.

Repeat Function

You can choose between 5 fixed repeat mode.

| Settings | Repeat |

Normal	: Repeat mode is cancelled.
Repeat One	: Plays repeatedly the current selected file.
Repeat All	: Plays repeatedly all file.
Random	: Plays randomly once.
Random All	: Plays randomly continuously.

Note
• The REPEAT Function is not available to the FM TUNER mode.

Contrast Function

This function can adjust lightening or darkening the LCD.

| Settings | Contrast |

**Adjust the LCD's contrast level.
(between -5 and 5)**

Backlight Function

Whenever any button is pressed, the LCD bright. This function can set the time of brightness displayed in the LCD.

| Settings | Backlight |

**Adjust the LCD's Backlight level.
(Off, 3sec, 5sec, 10sec, 15sec, Always on)**

Power Savings Function

Use the Power Saving function to automatically turn the MP3 Player off after a predetermined length of inactivity.

Settings PowerSavings

**Adjust the Power off time.
(Off, 1min, 2mins, 5mins 10mins, 15mins)**

Note
• Select "Off" would never turn off the MP3 Player automatically.

Record Settings Function

A function to adjust the bit rate of recording.

1 **Select "Record Settings" in the menu.**

Settings Record settings
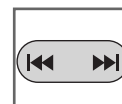
2 **Press I◄◄ ►►I button to select "Mic", "FM"or "LineIN.**

Record Settings Mic

Record Settings FM

Record Settings LineIN

3 **Press MENU(M) button to enter submenu.**
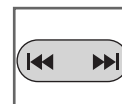
4 **Press I◄◄ ►►I button to select "WAV", "MP3".**

Microphone Mp3

Microphone WAV

5 **Press MENU(M) button to enter submenu.**

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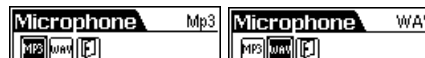
- Mic : Record mode for microphone.
- FM : Record mode for FM recording.
- LineIN : Record mode for Line-In recording.
- Format : you can select format to record.

Format	PCM
PCM	

- Rate : you can select one of the following bit rates.

■ Mic

	Bit Rate
MP3	
	96,112,128,160,192,224 KBPS

	Bit Rate
WAV	
	8,11,16,22,32 KHZ

■ FM

	Bit Rate
MP3/Mono	96,112,128,160,192,224 KBPS
MP3/Stereo	96,112,128,160,192,224,256,320 KBPS
	Bit Rate
WAV	
	8,11,16,22,32 KHZ

■ LineIN

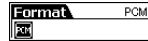|	Bit Rate
MP3/Mono	96,112,128,160,192,224 KBPS
MP3/Stereo	96,112,128,160,192,224,256,320 KBPS
	Bit Rate
WAV	
	8,11,16,22,32 KHZ

Note

- A higher Bit Rate increases the quality but reduces recording time.
- The recording format options in "Format" are only a bit different. User need to change this setting.
- Recording hours for bit rate
  Mic, FM,Line-in(MP3) : (based on 128 KBPS)
  128MB / 256MB / 512MB : About 2 / 4.5 / 8.5 hours
  Mic, FM,L ine-in(WAV) : (based on 32 KHZ)
  128MB / 256MB / 512MB : About 1 / 2 / 4 hours

Load default Function
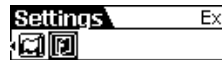
To reset all setting to factory default setting.

Settings　Default

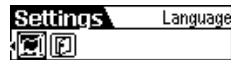## Exit Function

To move to previous menu.

Settings　Exit

Language Function

**To set the a display language.
(EN/PO/SP/SC/TC/GE/FR)**

Settings　Language

Erasing Files

M↵

1 **Stop playback or recording before attempting to erase files.
Select "Delete" in the menu.**

Menu   Delete

2 **Press I◄◄ ►►I button to select "Delete All" or "Delete One".**

Erase Files   Delete All   **Erase Files**   Delete One

M↵

3 **Press MENU(M) button to enter submenu.**

I◄◄   ►►I
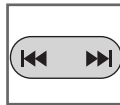
4 **Press I◄◄ ►►I button to select "Music" or "Voice ".**

Erase Files   Music   **Erase Files**   Voice

M↵

5 **Press MENU(M) button to enter submenu.**

Delete All   Yes   **Delete All**   No

About

Information is available regarding the firmware version, built-in memory size and free memory size.

Menu   About
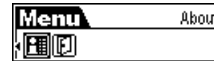
Note
• When "Delete All" is selected in the menu.

Yes	: To delete all files.
No	: To give up the delete.

• When "Delete One" is selected in the menu.

Yes	: To delete the current select file.
No	: To give up the delete.

Specifications

MP3 PLAYER SECTION

Memory Capacity	MF-FM11S1K/FM11S1W : 128MB MF-FM11S2K/FM11S2W : 256MB MF-FM11S5K/FM11S5W : 512MB
Battery	AAA Battery
Dimensions	34x80x22 mm
Weight	31g
Operating Voltage	1.5V DC
Dynamic Range	55/59 dB (No Filter / JIS-A Filter)
Earphone Output Power	5mW+5mW (1kHZ, 0dB / 16Ω)
S/N Ratio	60/90 dB (No Filter / JIS-A Filter)
Channel Separation	30/33 dB (1kHZ / 10kHZ)
Equalizer	Normal, XBass, Rock, Jazz, Classical, Pop

Frequency Range	87.5~108 MHz
S/N Ratio	48 dB
Channel Separation	25 dB
Antenna	Earphone Antenna
File Support	MPEG1/2/2,5 Layer3, WMA
Accessories	Earphone, USB cable, USB mini Manual, CD, Necklace

This product is manufactured to comply with the radio interference requirements of EEC DIRECTIVE 89/336/EEC, 93/68/EEC and 73/23/EEC.

P/NO:3834RL0014L