

● Usage Precautions



- ▶ Do not drop or apply strong shock to the product. It may cause a malfunction.



- ▶ Do not put the product in the following places.
 - Place with high temperature (30°C)
 - Dusty place
 - Under the direct sunlight or close to the heater
 - Place with high humidity like a bath room
 - Car with the closed windows (Especially, in summer time)



- ▶ Make sure to copy the important data in the product to the safer media because it can be damaged.



- ▶ Be careful that you neck string is not hooked up by the elevator or door.



- ▶ If you apply excessive force to the LCD unit, the product can be damaged or LCD display can be abnormal due to its characteristics.



- ▶ Content displayed on this product can be cleared due to long-hour usage or other reasons (strong pressure or friction)



- ▶ If you put on the arm band for a long time, it may cause a blood circulation problem.

- ▶ Do not put the magnetic materials such as cash card, prepaid card close to the product since magnetism of this product can affect these materials.

● Safety Precautions



- ▶ Do not repair, disassemble or modify the product at your own discretion.



- ▶ Take out the battery immediately if you detect a smoke or deformation by heat.



- ▶ Do not use the product in a place where usage of an electronic device is prohibited like inside an aircraft.



- ▶ The front sheet of this product has a sharp corner, which may cause an injury. Do not disassemble the sheet.



- ▶ Do not throw this product towards the person.



- ▶ Do not short-circuit, disassemble or heat up the battery, or through it into a fire.
 - An electrolyte may leak out like the alkaline solution and can contaminate your eyes, or may cause healing or product break-down.
 - Wash out the electrolyte like the alkaline solution if your skin or cloth is contaminated. If your eyes are contaminated, wash it out with clean water and consult with the doctor.



- ▶ This product is small in size, which may cause a risk when the children swallows or uses this product. Keep the children out of this product.

- ▶ Never put this product inside the mouth since it is post processed with the painting that can be injurious to your health.

* Please be kindly understood that Toodis shall bear no responsibility at all over the damage or compensation request from the third party with regards to the usage of this product.

05 What is M-PAL?

Music Friend

Toodis is a specialized digital audio device manufacturer. M-PAL is the portable digital audio that has more advanced and newer functions and performances than other products. M-PAL implements the ultra-small size design and the best sound quality. M-PAL is the world-best multimedia integrated player in name and reality, which is equipped with various functions such as MP4 movie player, MP3 player, voice recorder, FM radio, portable hard disc, Image Viewer and Text Viewer.

Ultra-small size design

M-PAL is small in size but implements the movie player function using the flash memory as a storage device, and 65,000 color TFT LCD.

Multi-Player

M-PAL is a multiple player in its real meaning - it can save and play back various sound file formats, and provide the rich and fine tone quality like a normal audio player using various tone setting functions, and play back the movie files.

Voice Recorder

M-PAL is equipped with the best know-how of Toodis - the leading voice recorder manufacturer. You can record the conversation of mobile phone or regular phone using the various sound quality recording options. M-PAL provides the longest and the best functionalities.

FM Radio

M-PAL enables you to receive/listen to any air FM broadcasting, and record with the direct encoding method. You can even listen to the FM broadcasting repetitively.

Game Player

You can download various games from Toodis web site and play them on the player.

Image View

You can download the graphic files to change the product background image or use it as the portable photo album.

Firmware upgrade

Firmware upgrade ensures the best performance through occasional function upgrade.

Accessories

M-PAL is composed of the basic components and the optional components.

Basic Components



Player



Earphone



Necklace



Battery



USB Cable



Installation CD



Line-in Cable



User's Manual

Optional Components



Arm Band



Re-charger



Re-chargeable Battery



Phone Recording Set



Mini USB Adaptor



Cigar Jack Adaptor



Pin Microphone



Case



Mobile Phone Recording Kit

- **Supports MP3, WMA and ASF file format**
You can play back MPEG 1/2/2.5 layer 2/3, WMA and ASF files.
- **Supports OGG (Ogg Vorbis) file format**
You can play back ORGG (Ogg Vorbis) file.
- **Direct encoding**
You can encode music in the CD or the external audio device into MP3 or WMA file through line-in connection without connecting to the PC.
- **Caption display function**
You can display the text data on the LCD while playing back MP3 or WMA file using the media synchronization function so that this product can be utilized for singing practice, language study or lecture.
- **Playback speed control**
You can control playback speed during file playback, which makes this product to be useful for language study.
- **Text viewer**
You can easily display simple document, poem or data on the LCD since any type of text can be displayed.
- **Multiple languages**
You can select multiple languages for ID tag and menu setting - Korean, English, Chinese or Japanese.
- **Navigation during playback**
You can display file property while playing it back, or play back other file if you select it during file property search.
- **Unlimited folder creation**
You can create the folder as much as you want in order to manage the files by different property (artist, album or genre).
- **Playlist function**
You can specify the list of music in the playlist.
- **Bookmark function**

- If you want to start playback from the specific position, you can use the bookmark function. It is useful for playing back the language study file having the long playback time, recorded file or classic music file.
- **Equalizer function**
To play music with the tone you want, you can use 5 equalizer bands (Rock, classic, jazz, pop and normal) and 2 user-defined bands.
 - **3D sound effect**
You can enjoy the 3D sound effect that is composed of the "SRS" surround sound, "True bass" that strengthens the bass sound, and "Focus" that enhances clearness of the sound.
 - **Movie file playback**
You can play back movie or music video at any time and place such as AVI, ASF and WMV files.
 - **Still image function**
You can display the graphic file such as JPEG, BMP or GIF. You can create a logo file using these graphic files.
 - **65,000 color TFT-LCD**
TFT-LCD (128x160), which supports movie file playback and graphic file display, and provides 65,000 color natural colors.
 - **FM radio function**
You can receive any FM frequency at any place in the world. You can also save up to 20 FM radio stations using the preset function. Recording the FM radio broadcasting as a MP3 or WMA file will be supported soon.
 - **Mass storage moveable disc**
Once you connect the product to the PC using the plug & play function, this product will be automatically recognized as a moveable disc. Once recognized as a moveable disc, you can easily move, create or copy the file between player and PC.
 - **Supports USB host (v1.1) function (planned)**
Data can be retrieved and shared among M-PAL products using this function.
 - **Supports firmware upgrade**
Regular and continuous firmware upgrade ensures enhancement of various functions to make the product up-to-dated.

●Getting Power from Battery/Re-chargeable Battery



1. Push the battery cover towards the arrow direction and lift it up to remove.



2. Insert the battery (AA)/re-chargeable battery with the correct polarity (+/-) and close the battery cover.

- Make sure to turn the player off before replacing the battery.
- Check the correct polarity (+/-).
- Remove the battery from the player if don't want to use it for a long time.

●Remaining Battery Amount Display Icon

Sufficient	Slightly Used	Much Used	Almost Flat	Need Replacement

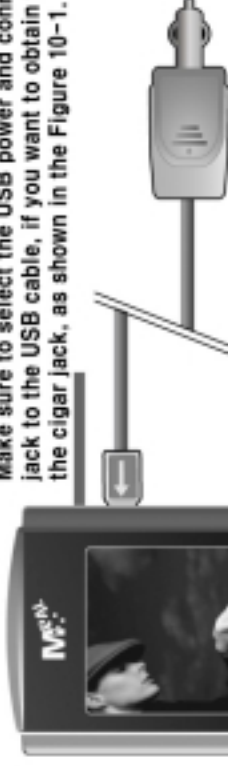
●Using Re-charger (Optional)



- The actual re-charger (optional) may look different from the figure due to performance enhancement or other reasons.

●Using Car Cigar Jack (Optional)

Make sure to select the USB power and connect the car cigar jack to the USB cable, if you want to obtain the power from the cigar jack, as shown in the Figure 10-1.



The car cigar jack connection cable may look different from the figure due to performance enhancement or other reasons.

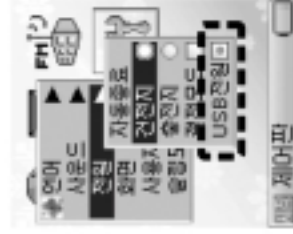
(Figure 10-1)

●Battery Life Span

• Volume 13 LCD brightness was used for the battery life span test.

Battery Type	Re-chargeable Battery (2300 mA)	Voice Recording	Movie Playback	Voice Playback	MP3 Playback	FM Reception
AA		6.5 hours	6 hours	7.5 hours	6.5 hours	9.5 hours
ALKALINE	Normal Battery (2300 mA)	7.5 hours	7 hours	7.5 hours	7.5 hours	10.5 hours

●Getting Power from USB Cable/Cigar Jack

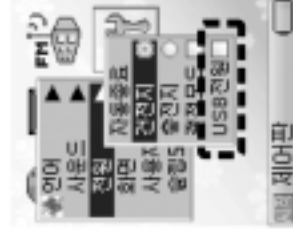


(Figure 11-1)

Make sure to select the "USB Power" menu from the Control Panel menus as shown in the Figure 11-1 in order to obtain the electrical power using the USB jack. Then, connect the cable as shown in the Figure 11-2.



(Figure 11-2)



(Figure 11-3)

If you use the player as the external hard disc using the USB jack, you should select the "USB Power" menu as shown in the Figure 11-3.

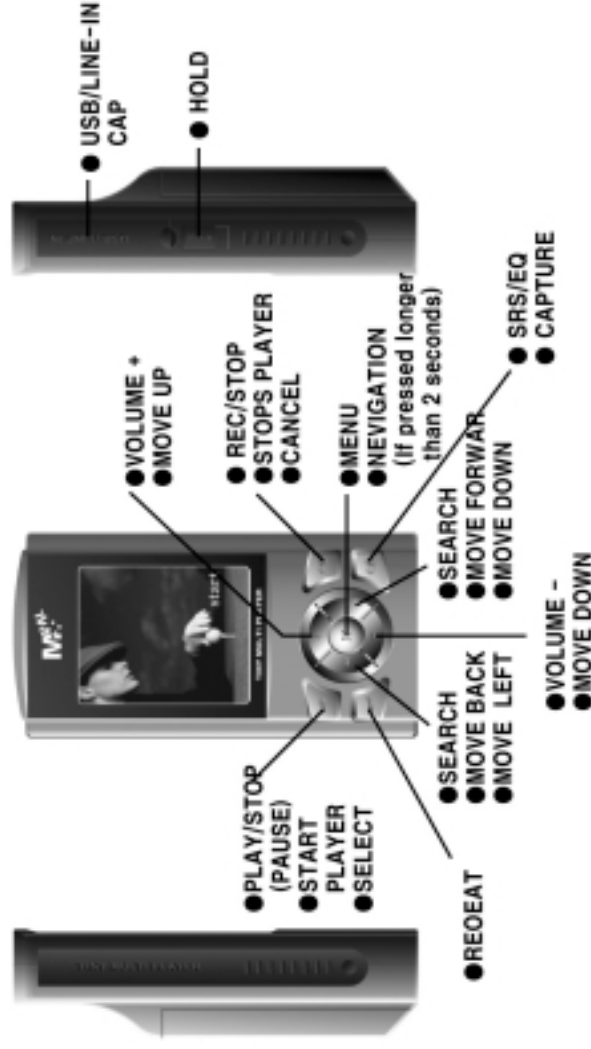
●Battery Usage Precautions

- ▶ If the battery is almost flat, the "Low Batt" message will appear on the LCD. If message display continues longer than 5 seconds, the player will be turned off automatically.
- ▶ The battery life span can vary according to the sound volume or the player mode.
- ▶ Set the Auto Power Off time to effectively manage the battery usage time.
- ▶ If you don't use the player, turn HOLD switch to the "On" position to prevent battery consumption by unintended key operation by mistake.
- ▶ If your skin or cloth is contaminated with the electrolyte, wash it with clean water.
- ▶ If you have any injury on the skin, make sure to consult with the doctor.
- ▶ If your eye is contaminated with the electrolyte, wash it with clean water immediately and make sure to consult with the doctor.
- ▶ The battery re-charging requires about 1.5 hours when the re-chargeable battery is fully discharged.
- ▶ The re-charger (optional) is exclusively designed for 220V.
- ▶ Keep the re-charger (optional) and the re-chargeable battery from the children.
- ▶ Never disassemble the re-charger (optional).
- ▶ Do not re-charge the battery longer than the specified time to prevent a risk of a fire. When re-charging is completed, plug out the re-charger (optional).
- ▶ Use the specified re-charger only.

● Left View

● Front View

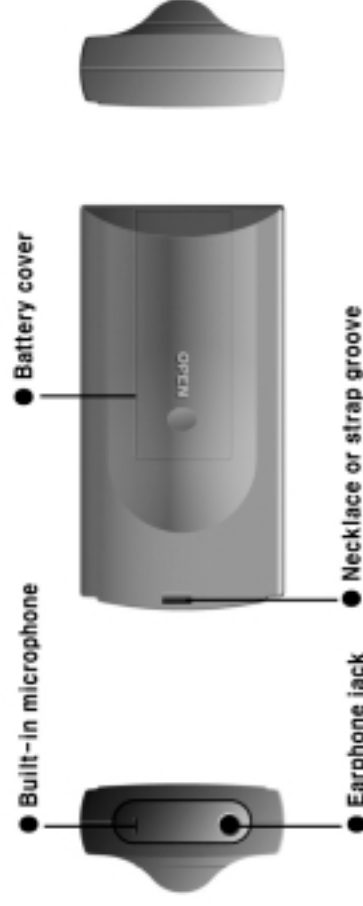
● Right View



● Top View

● Rear View

● Bottom View



* Appearance of the player is subject to change for performance enhancement or design improvement.

● Menu Setting



(Figure 15-1)

Press the () button shortly in main screen, Music Player, Control Panel or FM radio. Then, the menu window will appear as shown in the Figure 15-2. If you press the menu button () longer in the Music Player mode, the navigation mode will be directly selected.



(Figure 15-2)

When the () symbol appears at the right end of the menu that appears when you press the menu button. (Dotted square section in the Figure 15-2.) Press the () button to display the sub-menu as shown in the Figure 15-3.



(Figure 15-3)

Press the () button to select a menu. If you want to exit from the current menu, press the () button. Each time you press this button, the menu will be closed by menu

● Starting/Stopping M-PAL



(Figure 16-1)

Slide the Hold switch to OFF and press the () button longer. Then, the main window will appear with the starting music as shown in the Figure 16-1.



(Figure 16-2)

Press the () button in the above figure (Figure 16-2)

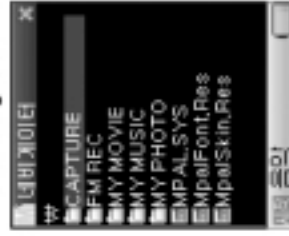


(Figure 16-3)

Press the () button after moving to the Exit M-PAL menu in the menu window. All M-PAL functions will be stopped. Or, press the () button longer than 3 seconds in any window to stop all M-PAL functions.

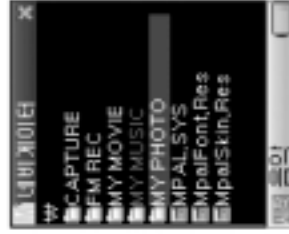
Navigation Menu

When you enter into the navigation mode from the main menu, Music Player, Image Viewer or Movie Player, you can delete the file or sort the files in the playlist using the navigation menu.



(Figure 17-1)

If you press the (V) button longer in the main menu, Music Player, Image Viewer or Movie Player, the navigator screen will appear as shown in the Figure 17-1.



(Figure 17-2)

Press the (V) button on the file name to delete in the navigator screen. Then, the selected file will be highlighted with red color. Press the (V) button longer. Then, the screen shown in the Figure 17-3 will appear.



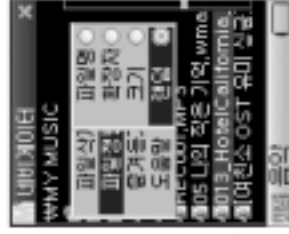
(Figure 17-3)

Press the (V) button to delete the selected file or folder. Then, select "Yes" and press the (V) button to delete. To select or unselect all files displayed on the screen, press the (V) button longer.



(Figure 18-1)

Press the (V) button again in the navigator window to display the window shown in the Figure 18-1. You can use Delete File, Sort File or Playlist command in the navigator menu. Take the same steps as described in the page 17 to delete a file.



(Figure 18-2)

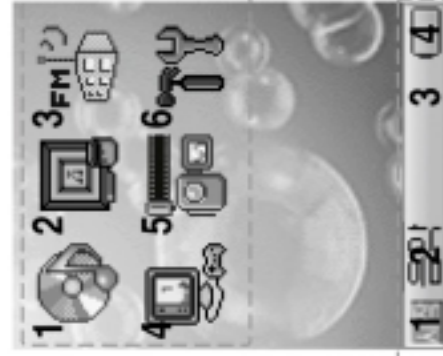
You can sort the files by the order of file name, file extension, size or randomly, using the Sort File menu (Figure 18-2)



(Figure 18-3)

Select the file to add to the playlist using the (V) button. Then, you can select the playlist using the menu shown in the Figure 18-3.

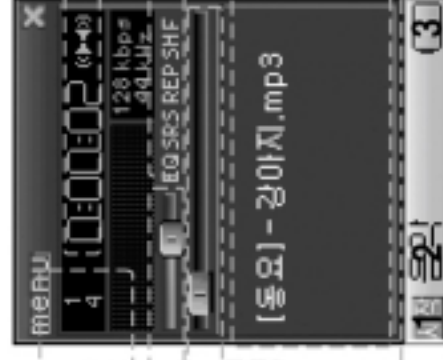
● MAIN WINDOW



- Main Icon
 1. Music (Music Player)
 2. Picture (Image Viewer)
 3. FM (Radio)
 4. Game (Downloaded game)
 5. Movie (Movie Player)
 6. Control panel (Player)

- Status display bar
 1. Start (Main menu - M button)
 2. Shows currently selected mode
 3. Shows the USB mode (Only when connected)
 4. Remaining battery amount

● MUSIC PLAYER WINDOW



- Total number of music files/Number of currently selected music.

- Sound volume bar

- Progress bar for the currently playback music file

- Status display bar
 1. Start (Main menu - M button)
 2. Shows currently selected mode
 3. Remaining battery amount

- Window that shows the elapsed time of the playing back music file

- Window that shows the selected EQ/Repeat

- Window that shows the current music file property

● FM RADIO WINDOW



● Currently selected frequency

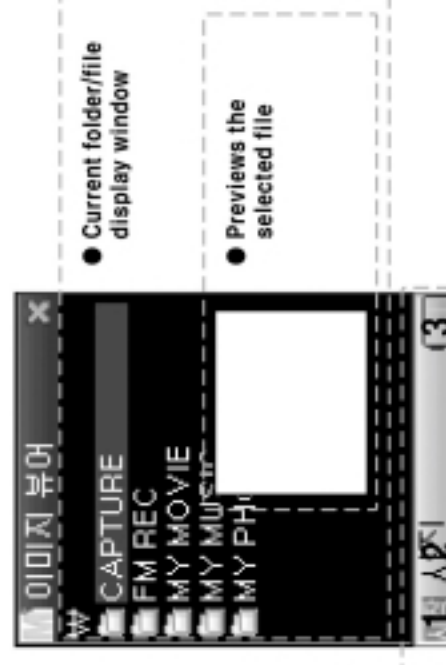
● Shows position of the currently selected frequency

● Shows the entire frequency range

● Status display bar
1. Start (Main menu - M button)
2. Shows currently selected mode
3. Remaining battery amount

● Radio status display
1. Radio icon
2. Stereo icon
3. Scan/Preset mode icon

● IMAGE VIEW WINDOW



● Status display bar
1. Start (Main menu - M button)
2. Shows currently selected mode
3. Remaining battery amount

● Current folder/file display window

● Previews the selected file

● Music Player

Music Player can play back MPEG1/2/2.5 layer 2/3, WMA, AS and OGG files.



(Figure 23-1)

Move to the Music Player icon in the Startup screen (Figure 23-1) and press the () button. Then, the Music Player window as shown in the Figure 19-2 will appear.



(Figure 23-2)

Press the () button to start playback.



(Figure 23-3)

Press the () (Previous music) or () (Next music) button to play back the previous or next music file.



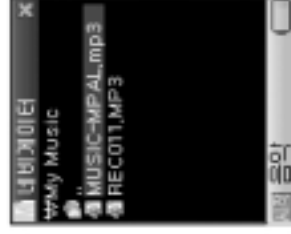
(Figure 24-1)

Press the () button at the starting and ending position for sector repetitive playback.



(Figure 24-2)

Press the () or () button to control sound volume.



(Figure 24-3)

Press the () button longer to start the Navigator during playback. The Navigator window as shown in the Figure 24-3 will appear. Press the () button on the file to play back.

● Menu Structure of Music Player



(Figure 25-1)

Press the () button shortly to display the Music Player menu.
Then, the menu screen as shown in the Figure 25-1 will appear.



(Figure 25-2)

Press the () button longer to start recording while the Music Player is running.
Press the () button again to stop recording.

1. Navigator	2. Equalizer Effect	3. Repeat Setting	4. Playback Speed
Searches for the list of another file or the file to play back during playback	- None - SRS WOW - Rock - Jazz - Classic - Pop - User1 - User 2 You can select the equalizer effect you prefer.	- Current File - Current Folder - All Folders - Repeat - Shuffle - Intro - Current File: Currently selected file. - Current Folder: Folder that contains the current playback file. - All Folders: All folders in M-PAL. - Repeat: Repeats the selected file or folder continuously. - Shuffle: Repeats the file or files in the folder continuously in the random order. - Intro: Plays back the introduction part of the selected file or files in the folder.	- 75% - 85% - 90% - Norma - 105% - 105% - 110% - 115% - 125% You can speed up or slow down file playback.

5.Caption Setting

- Run
- Master
- Slave

When you select "Run", the equalizer spectrum will appear, whereas the song words will appear if you select "Master" or "Slave".

9.VOR Setting

Voice recording will be activated only when sound is detected, which saves the memory usage.

6.Equalizer Effect

- wav 44k m
- wav 44k s
- voice 8k
- voice 32k
- mp3 64k m
- mp3 64k s
- mp3 96k m
- mp3 96k s
- mp3 128k m
- mp3 128k s
- mp3 160k m
- mp3 160k s
- mp3 192k m
- mp3 192k s

You can set the recording sound quality.

7.Recording Volume

You can adjust the sound volume of the line-in microphone when recording.

10.Sync

- Sync One
- Sync All
- Sync Off

"Sync One" records only one music, whereas "Sync All" records each music separately and "Sync Off" records several music as a single music file.

8.Input Selection

- Microphone
- Line-In Input

You can use built-in microphone or audio cable for recording.

11.Sleep Mode

You can set the sleeping time up to 180 minutes by the unit of 1 minute.

12.View Text

You can display the text while listening to the music.

13.View Image

You can display the image while listening to the music.

14.Other Settings

15.Help

Shows the help text on M-PAL.

16.Exit

Select this menu to close the menu window.

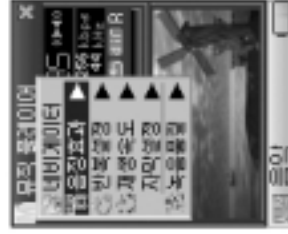
●Setting SRS WOW

You can listen to the music with better sound quality using the SRS WOW function.



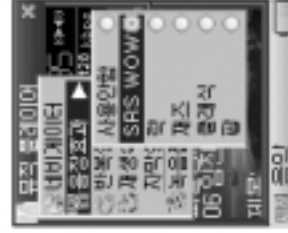
(Figure 29-1)

Press the () button shortly in the Music Player screen to enter into the Music Player menu screen as shown in the Figure 29-1.



(Figure 29-2)

Press the () button in the menu screen to select the "Equalizer Effect" menu and then, press the () button to display the sub-menu shown in the Figure 29-3.



(Figure 29-3)

Move to the "SRS WOW" sub-menu using the () button. Then, press the () button to display the equalizer control window as shown in the Figure 30-1.



SRS WOW is a trademark of SRS Lab, Inc.
The SRS WOW technology is licensed from SRS Lab, Inc.



(Figure 30-1)

Use the button to set the equalizer effect to your preference and press the () button to exit from the menu.

When you exit from the menu, the SRS icon will appear on the Music Player window as shown in the Figure 30-2, which implies that the SRS WOW effect is in use.



(Figure 30-2)

Press the () button in the Music Player to switch between the equalizer effect.

● Image Viewer

You can display the image files like JPEG, BMP or GIF using the Image Viewer. You should save the image file in the "My Photo" folder. The captured image file will be saved in the "Capture" folder.



(Figure 31-1)

Move to the Image Viewer icon in the Startup screen and press the () button. Then, the Image Viewer window will appear as shown in the Figure 31-2.



(Figure 31-2)

When you move to the specific image file in the Image Viewer, the small picture preview window will appear as shown in the Figure 31-2. At this time, press the () button to enlarge the file as shown in the Figure 31-3. Press the () or () button to move to the next image file.



(Figure 31-3)

When you check the enlarged image file and press the () button, screen display will return to the one as shown in the Figure 31-2.

Press the () button to return to the main menu.



(Figure 32-1)

Press the () button in the Image Viewer to display the menu screen.

To continuously display the big image, select the "Slide Show" menu and the display interval in the menu shown in the Figure 32-1. Then, select the "Start" menu.



(Figure 32-2)

To set the image displayed on the Image Viewer, select the image and press the () button and then, press the () button at the background image.



(Figure 32-3)

File deletion function is same with the one in the Navigator.

● FM Radio

The FM Radio is composed of scan and preset mode. You can save up to 20 channels in the preset mode.



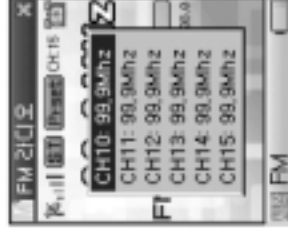
(Figure 33-1)

Move to the FM Radio icon in the Startup window and press the () button. Then, the FM Radio window as shown in the Figure 33-2 will appear.



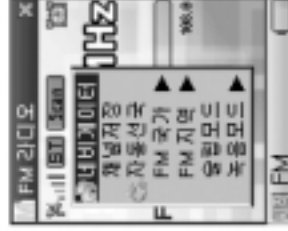
(Figure 33-2)

Scan mode: Use the () or () button to move between frequencies and use the () or () button to control sound volume while listening to the FM radio. Press the () button to switch to the Preset mode



(Figure 33-3)

Press the () button to change the channel in the Preset mode while listening to the radio as shown in the Figure 33-3, or press the () or () button. Each time you press the button, the channel will be changed.



(Figure 34-1)

Press the () button while listening to the radio in the scan mode in order to display the FM Radio menu window as shown in the Figure 34-1.



(Figure 34-2)

Press the () button to return to the main menu screen while listening to the radio, as shown in the Figure 34-2.



(Figure 34-3)

Press the () button longer to start recording while listening to the radio, as shown in the Figure 34-3. Press the () button again to stop recording.
 • The recorded file will be saved in the "FM REC" folder.

● Menu Structure of FM Radio

1. Navigator	2. Channel Saving You can save the frequency you have selected in the specific channel.	3. Auto Scan The broadcasting frequency will be saved in 20 channels automatically if you use the auto scanning function.	4. FM Country - Korea, U.S. - Japan The radio frequency is divided into Korea/U.S. type and Japan type. You should select Korea/U.S. type in Korea.
5. FM Area - Seoul, Gyeonggi - Incheon - Gangwon - Choongnam - Daejeon - Choongbuk - Daeju, Gyeongbuk - Gyeongbuk - Busan, Gyeongnam - Jeonnam, Gwangju - Jeonbuk - Jeju Island	6. Sleep Mode You can set the sleeping time up to 180 minutes by the unit of 1 minute.	7. Recording mode - 64Kbps - 128Kbps You can set the recording sound quality.	

● GAME

The specific game functions are subject to change for upgrade.



(Figure 36-1)

The Figure 36-1 shows the Hexa game that is pre-installed in the player by default when you first purchase the player.

● Menu Structure of FM Radio

1. Navigator	2. Channel Saving You can save the frequency you have selected in the specific channel.	3. Auto Scan The broadcasting frequency will be saved in 20 channels automatically if you use the auto scanning function.	4. FM Country - Korea, U.S. - Japan
5. FM Area - Seoul, Gyeonggi - Incheon - Gangwon - Choongnam - Daejeon - Choongbuk - Daeju, Gyeongguk - Busan, Gyeongnam - Jeonnam, Gwangju - Jeonbuk - Jeju Island	6. Sleep Mode You can set the sleeping time up to 180 minutes by the unit of 1 minute.	7. Recording mode - 64Kbps - 128Kbps You can set the recording sound quality.	The radio frequency is divided into Korea/U.S. type and Japan type. You should select Korea/U.S. type in Korea.

● GAME

The specific game functions are subject to change for upgrade.



(Figure 36-1)

The Figure 36-1 shows the Hexa game that is pre-installed in the player by default when you first purchase the player.

●Movie Player

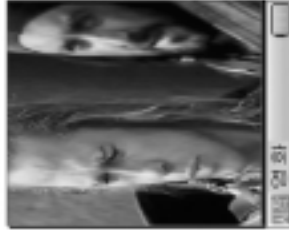
You can play back various movie files using the Movie Player such as MMF (M-PAL format file), AVI/ASF/WMV (after conversion into the M-PAL format file). See page 47 for details on format conversion.



(Figure 37-1)

Move to the Movie Player icon in the Startup window (Figure 37-1) and press the () button.

Then, the Movie Player window as shown in the Figure 37-2 will appear.



(Figure 37-2)

Press the () (Previous) or () (Next) button to play back the previous or next movie file



(Figure 37-3)

To capture the movie image during movie playback, select the "Capture" submenu at the User Key menu in the Control Panel. Then, press the () button to capture the image during movie playback. The capture still image will be saved in the "Capture" folder.



(Figure 38-1)

See page 50 on how to convert the movie file into the image file as shown in the Figure 38-1.



(Figure 38-2)

See page 50 on how to convert the movie file into the image file as shown in the Figure 38-2.

● Control Panel

You can configure the M-PAM device in the Control Panel.



(Figure 39-1)

Move to the Control Panel icon in the Startup window and press the () button. Then, the Control Panel window as shown in the Figure 39-2 will appear.



(Figure 39-2)

The Control Panel menu contains the menus that enable you to set the device status of M-PAL.

1. Language

- Korean
- English
- Japanese
- Chinese
- Taiwanese

You can select the language you want to use.

2. Sound

- Volume Setting
- Sound Effect

You can set the special effect sound for key operation

3. Power

- Auto Off
- Battery
- Re-chargeable battery
- Power saving Mode
- USB Power

You can optimize power consumption .If you select "USB Power", you can use the USB cable or car cigar jack..

4. Screen

- Backlight Time
- Brightness Setting
- Screensaver
- Background Screen

You can set the LCD display

5. User Key

- Screen Capture

The screen capture function enables you to capture the image displayed on the LCD, while using M-PAL.

6. Sleep Mode

The player will be automatically turned off, if you set the sleep mode when you go to bed.

7. Alarm

- Time Setting
- Alarm Type
- On/Off

If you set the alarm time, the alarm will be generated at the specified time.

8. Time

You can set the current time. The time you have set will be displayed only when M-PAL is running.

9. Formatting

- Quick Format
- Low-level Format

All user files will be deleted

10. Initialization

All default setting values of M-PAL will be restored.

11. System Information

M-PAL memory information will be displayed.

12. PC LINK

You can use the additional functions by connecting to the PC.

13. Help

You can get help on your inquiry about M-PAL.

14. Exit

Select this menu to close the menu window.

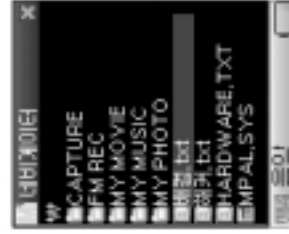
● TEXT VIEWER

Using the Text Viewer, you can display the file having the ".txt" extension. You can display the text file while listening to the music in the Music Player.



(Figure 43-1)

The Navigator window will appear as shown in the Figure 39-2, when you press the () button in the Startup window.



(Figure 43-2)

Move to the file that has the ".txt" extension in the Navigator window and press the () button. Then, the View Text window will appear



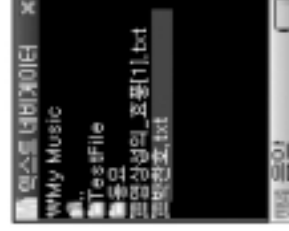
(Figure 43-3)

To see the lower part of the document if it is longer than one page, press the () button to scroll up. To exit from Text View, press the () button.



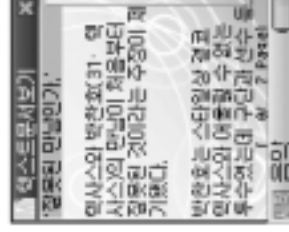
(Figure 44-1)

To display the document while listening to the music, press the () button and select the "View Text" menu as shown in the Figure 44-2. Then, the Text Navigator window will appear.



(Figure 44-2)

Move to the file to display in the Text Navigator window and press the () button to display the View Text window, as shown in the Figure 44-3.



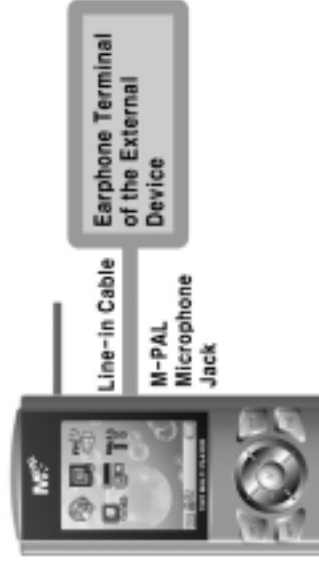
(Figure 44-3)

To see the lower part of the document if it is longer than one page, press the () button to scroll up. To exit from Text View, press the () button. If you have started Text View while listening to the music, the player will return to the Music Player mode.

● Recording External Sound Using the Voice Recorder

You can record sound from the external audio devices.

1. Connect the audio connection cable between the output terminal (earphone terminal) of the external device and the line-in terminal of the voice recorder.
2. Adjust the sound volume of the external device. If the sound volume of the external device is too high, sound can be distorted when playing it back.
3. Press the [Play] button in the external device and the [Record] button in the voice recorder at the same time.



- ▶ Stereo sound will be recorded. To check the recording status, use the earphone.
- ▶ To save the external sound in M-PAL, change the input type to the line-in mode before starting to record.

● Recording the Sound Recorded in the Voice Recorder to the External Device

You can move the contents recorded in the voice recorder to the external device.

Connect the audio connection cable between the output terminal (microphone terminal) of the external device and the earphone terminal of the voice recorder



- ▶ Run the recording test first.
- ▶ Adjust the volume in the external device for volume control.

FCC Information

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 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.