MKIVKI Features

MKIVKI is the first portable entertainment device in which you can edit or play the images and music you want. While an MP3 player can only be used to listen to music, MKIVKI allows you to watch video, take still pictures, and even make and edit a video!

- **MP3 player**

  MKIVKI can play high quality MP3 audio with all the features you would expect, allowing the user to select tunes, display track info, and adjust the equalizer using on screen menus.

- **Color LCD with backlight**

  The large color backlight LCD panel is usable in any lighting conditions, and allows for a wide range of applications never before possible on an entertainment device, including music album editing, music video playback, and educational applications.

- **Up to 14 hours of battery life**

  MKIVKI uses an exclusive Li-ion battery technology, allowing for up to 14 hours of MP3 playback or 4 hours 30 minutes of video playback

- **Upgradeable firmware**

  Users can expect support and additional features to keep up with the most requested formats – just download the upgrade from www.MKIVKI.com

- **Voice recording**

  Voice recording can be initiated immediately with a single hotkey, allowing you to record notes, lectures, or messages to your friends.

- **PIMS function (Personal Information Management System)**

  MKIVKI includes some functions of a PDA, including a scheduler with anniversaries, address book, and memo function.

- **Infrared data transfer**

  You can exchange data between MKIVKIs directly with the IrDA compliant infrared port; Users can send and receive MP3 files, music album files, or images.

- **Game**

  Using MKIVKI, you can enjoy a simple game in the high-quality graphics.

- **Editing a music album**

  MKIVKI provides a range of effects by combining MP3 audio and JPEG images. You can make your own music video from still images, exchange it with your

friends and view it on a PC.

- Digital camera

  You can take a color image using digital camera in VGA level, 310,000 pixels anywhere, anytime. Continuous picture taking and instant preview features round out the camera functions.

- Additional expansion modules

  The camera can be replaced with further expansion modules that can be easily mounted to the top of the unit. Anticipated modules include a TV tuner and expansion battery.

FCC NOTICE

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

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 communication. 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 difference from that to which
  the receiver is connected.

- Consult the dealer of an experienced radio/TV technician for help.

NOTE : The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

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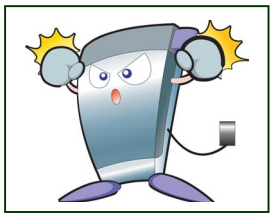
Warning and Caution for Safety

If you handle the product carelessly, it may be damaged. Please read the following instructions:

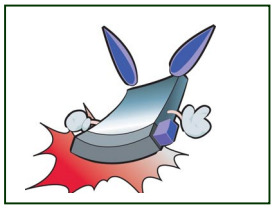
- Before using MKIVKI at first, please make the battery fully charged.



- Do not attempt to disassemble, repair, or remodel this product. In this case, even within warranty period, you can not have the device serviced free.

- Please be careful to prevent MKIVKI from water or foreign materials.

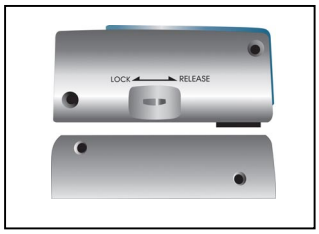
- Do not place this product on unstable places. The product may fall, causing serious damage to product.



- Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

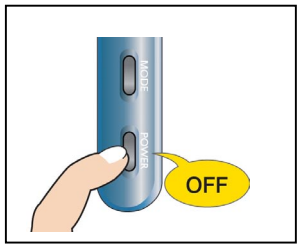
Precautions

1. Always switch off MKIVKI when installing or removing the expansion module.



2. Use the LCD panel correctly.
   - Since the LCD panel of MKIVKI uses a backlight, it will produce a clearer image in darker ambient lighting conditions.
   - The LCD panel is easily soiled, so handle it carefully. Avoid touching the LCD panel directly, and clean it only with a soft cloth.

3. Use the adaptor correctly for charging.
   - Plug the adaptor to MKIVKI first, and then plug it into an outlet.



Charging the battery

- The battery is not fully charged when you receive your MKIVKI. For maximum battery life, please charge the battery fully before using the product.
- Its portable charging is easy so that you can charge it just with the adaptor anywhere power supply is available.
- When the remaining battery life is less than 2% of the full battery capacity, an alert message will appear and the unit will beep as a warning. The unit will automatically power off in 10 seconds.
- When the Li-ion battery wears out and requires to be replaced, please contact an authorized service center.

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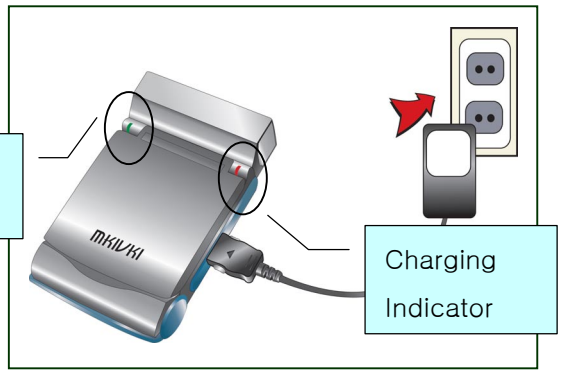


- Red: Working
- Green: Recording

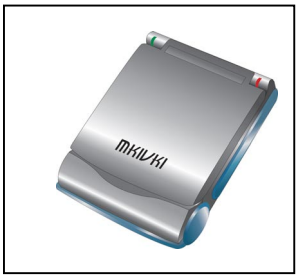
- Red: Charging
- Green: Charging Completed

Note:

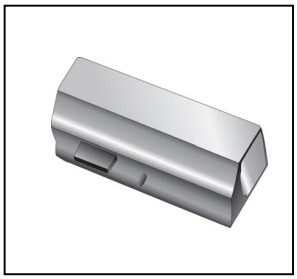
- As the indicator may be displayed in red while powered on, please check its color of green after powering it off.
- While MKIVKI used, it may take longer to charge (About 1.3 times).
- For quick charging, charge the battery using the adaptor with MKIVKI powered off.
- With powered off, it will take about 2 hours to make the battery fully charged.
  [For using USB cable, 8 hours required]
- Heat can be generated during charging.

Package contents

MAIN BODY



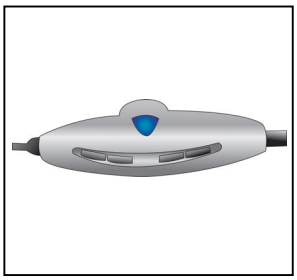
CAMERA MODULE



PORTABLE POCKET

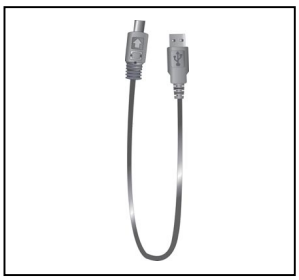
EARPHONE

REMOTE CONTROR

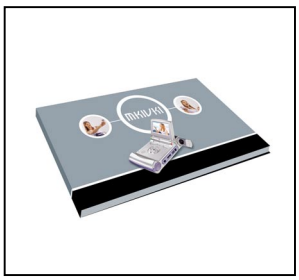


ADAPTOR

USB CABLE



USER MANUAL

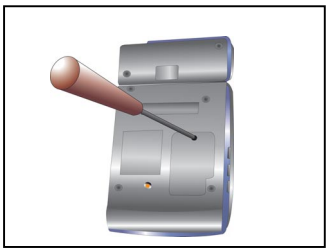


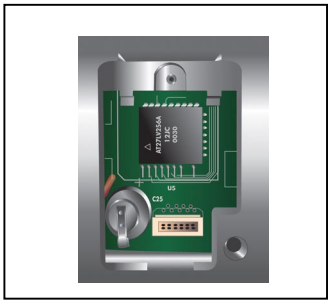
INSTALLATION CD

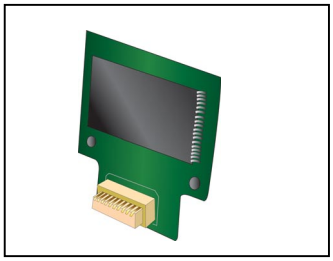
Installing flash memory

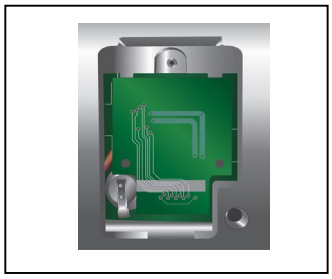
1. Make sure that you read the following instructions when installing flash memory:
   - Before purchasing a new flash memory module, you should contact an authorized service center and check for MKIVKI compatibility.
   - Upload and save all data to the PC before installing the flash memory.
     When the MKIVKI is first switched on after installing a memory expansion, both the internal memory and the expansion memory will be formatted and all data will be irreversibly lost.
   - We take no responsibility for the loss of data due to inappropriate use or failure to follow these instructions carefully.

What is Flash Memory?
The storage device used in MKIVKI is a non-volatile memory called flash memory. In general, even if power supply is stopped, the information recorded in the flash memory is not erased while the information in DRAM is erased.



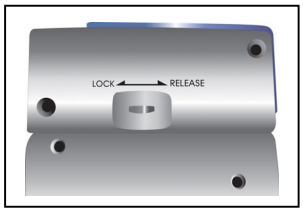


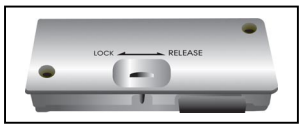




1. Upload and save all data to a PC before expanding flash memory.
2. switch off MKIVKI.
3. Loosen the screw of the memory cover on the back of MKIVKI.
4. Remove the cover with screw loosened.
5. Align the flash memory expansion card with the memory expansion socket in the MKIVKI and gently push the card into the socket until you hear a ‘click’.
6. Replace the cover and fully tighten the screw.
7. Switch on MKIVKI, and Wait while the MKIVKI automatically formats all memory. This may take 5-10 seconds.
8. When the welcome screen appears, your expanded memory is ready for use.

Mounting/Removing camera module

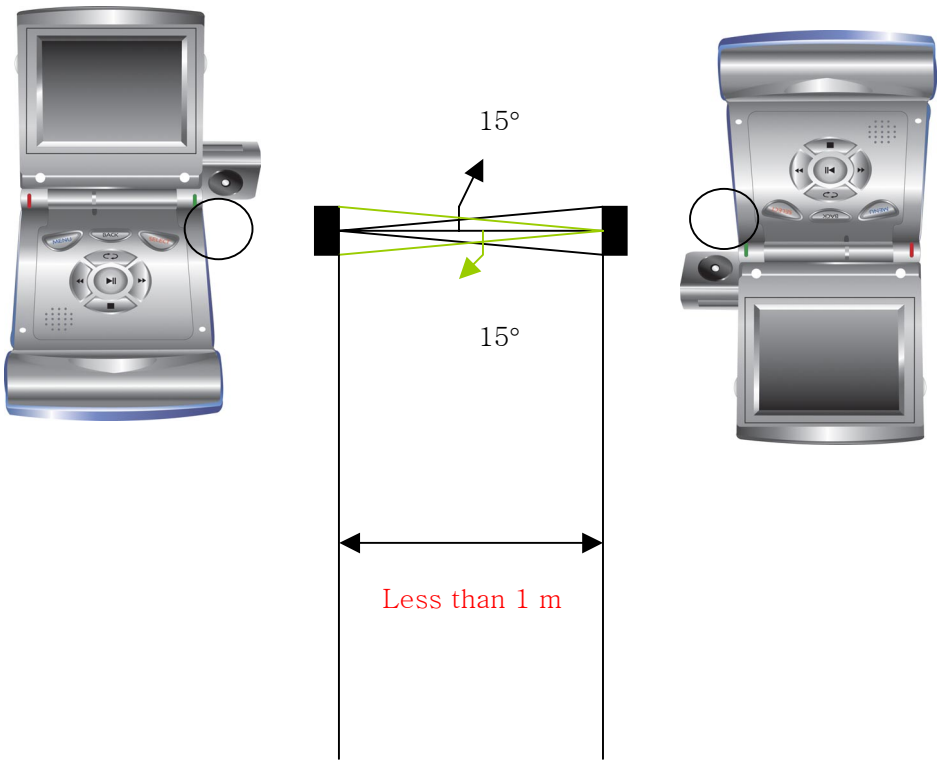




1. Make sure MKIVKI is switched off before mounting the camera module. Insert the camera module into the expansion slot.
2. Turn the screw toward the LOCK position on the back of the camera module.
3. Continue until the screw is fully locked, or the camera module will not work.
4. Power the unit on, press the Mode button, and make sure the Camera mode is working correctly.
5. To remove the camera module, first ensure that MKIVKI is switched off.
6. Turn the screw toward the 'RELEASE' position on the back of the camera.
7. After removing the module, please switch on the product to use.

■ Ensure that the power is off when mounting/removing the expansion module.

Beaming data via Infrared between MKIVKIs



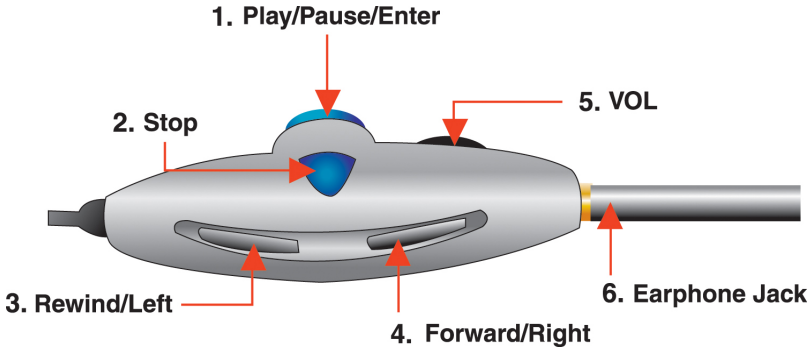
■ Make sure that the device is level when transferring data.

Name of each parts (Body)

1. POWER
   Switches unit on/off.
2. MODE
   Switches the functions between Player, Camera, and PIMS modes. While playing a file, this button controls the equalizer function.
3. REC
   Enables recording of a digital file. Pressing it once starts recording immediately.
4. VOL
   Volume adjustment.
5. USB port
   Enables data communication with a PC.
6. Serial port
   Enables to charge MKIVKI or connect a mobile phone. (Mobile connection may not work in certain area)
7. IrDA port
   Enables to communicate data between MKIVKIs.
8. Earphone Jack
9. Play/Pause/Enter
   Plays and pauses each file, and confirms each function.
10. Stop/Down
    Stops function or moves the selection down.
11. Rewind/Left
    Rewinds the file or moves to the previous file; moves to left side.
12. Forward/Right
    Forwards the file or moves to the next file; moves to right side.
13. Changing the repeat mode/Up
    Selects the repeat mode when playing MP3 or music album file, or moves upward.

14. MENU
Shows several menus appropriate to the selected function.
15. BACK
Returns to the previous step from the current position.
16. SELECT
Enables selection of one or more files. Pressing it once selects a file, and pressing it again deselects it.

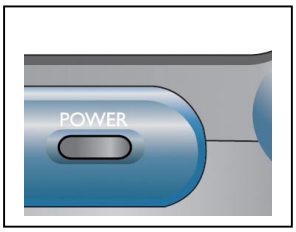
Name of each parts (Remote Control)



1. Play/Pause/Enter
Plays and pauses each file, and confirms each function.
While in Camera mode, this button takes a picture.
2. Stop
Stops each function.
3. Rewind/Left
Rewinds the file or moves to the previous file.
4. Forward/Right
Forwards the file or moves to the next file.
5. VOL
Volume adjustment.
6. Earphone Jack

Using the features

Power on/off

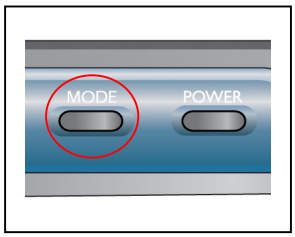


1. Press POWER button on the left of the MKIVKI player.
   - The power indicator will turn red and the LCD panel will switch on.
2. Press POWER button for few seconds to turn off the power.

Changing mode

■ MKIVKI has three modes: Player, Camera and Diary. Pressing the Mode button selects the next available mode in order, cycling between them.

■ If the camera module is not connected, this mode will be skipped.



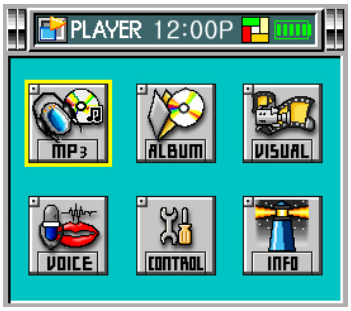
1. Player mode
   - Selections available in this mode are MP3, ALBUM, VISUAL, VOICE, CONTROL and INFO.
2. Camera mode
   - This mode activates the digital camera feature.
3. PIMS mode

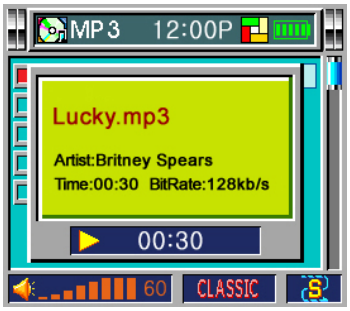
   Personal Information Management functions: Address Book, Anniversary, Schedule, Memo, Profile, Game, World Time, and Calculator

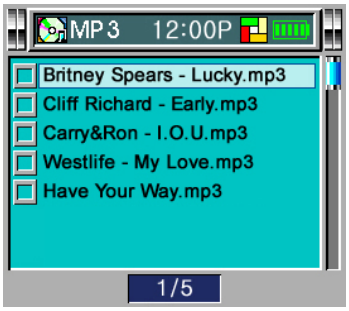
……1. Enjoying multimedia……

Player mode

Display







① Clock

The current time for the currently set time zone, displayed in format HH:MM AM/PM

② Battery

Battery life is indicated at the right of the information bar in green. Each vertical bar indicates 20% of the total battery capacity. If no green bars are showing, the battery is completely discharge.

③ Memory Indicator

Memory usage is indicated in the 4-color square figure, and each color indicates 25% of the memory used, in the order (Green → orange → yellow → red). You can check the precise memory usage in the "INFO" screen.

④ Category level

Displays the current category position.

⑤ Current function

Shows the current MKIVKI function - MP3, Album, Visual, Voice, Control and Info.

⑥ Selected Files

Shows the number of files in the current category and the list number of the file selected.

⑦ Equalizer mode

This shows the equalizer function selected from the five available modes: Normal / Classical / Live / Pop / Rock.

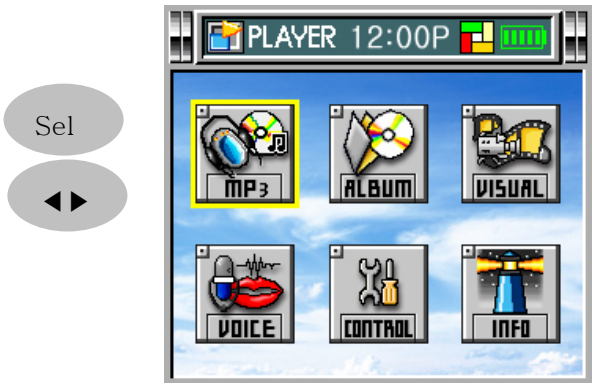
⑧ Repeat mode display

This display is a single character indicating the current order of playing music: Normal(N), Shuffle(S), Repeat One(1), Repeat All(A).

Changing the desktop

■ This is the function to customize desktop in the player mode. If you want to change the desktop, you should download it to MKIVKI using Magic Sync. (see page ?)

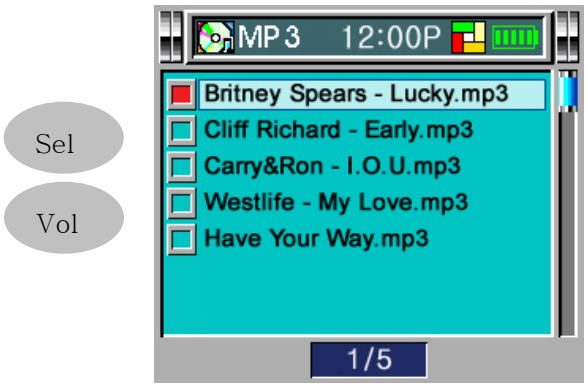
1. In player mode, holding down SEL button, press the left/right button to select the desired desktop.



2. Selecting it, the desktop is displayed immediately. (The size of the desktop is automatically adjusted to the size of the LCD.)
3. You can also specify the desktop on the list display; MP3, Album, Voice, address book, anniversary, and memo.

Adjusting brightness

■ Holding SEL button, press Volume (▲/▼) button, or use Control icon to adjust brightness of the screen.

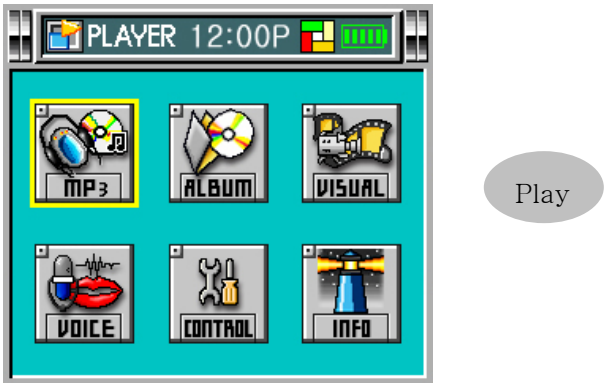


■ In any mode, you can adjust brightness during playing. For fine-tune, please press Control icon and adjust in 'Brightness'.

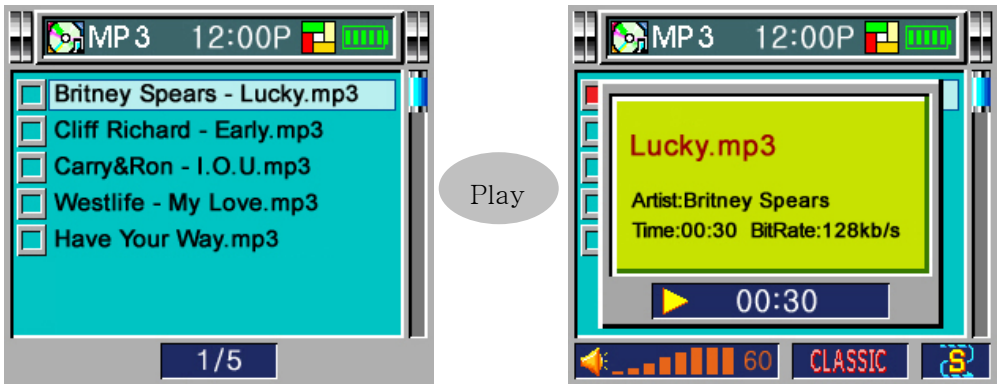
Listening to MP3 files

■ To download MP3 music to MKIVKI, you should install Magic Sync software. (see page ?)

1. Select the MP3 mode, and press the PLAY/OK button.



2. Select the track you wish to play from the list view, and press PLAY/OK button. While track is playing, you can see the information about music title, singer, time, and bit rate.



- View music list

  You can use the up and down buttons to scroll through this list. The scroll bar on the right side of the screen indicates your position within the list, which may extend beyond the top and bottom of the screen.

- Play / Pause

  Press the play button once to pause a track, and once again to resume playback.

  While playing, press and hold left/right button and release button at the location you want to listen.

- If the selected file has any problem, it is automatically skipped.
- if the music is in the VBR format, the playtime and the bit rate will change during playback.

- Stop

  Press the stop button to end playback.

- Select the other music while playing

  While playing, press the left button to move to the previous music, and press the right button to move to the next one. If you press left button in 3 seconds after playing, it returns to the beginning of the current track; If playback is within the first three seconds of the current track, touching the left button will return to the previous track.

- Adjust volume

  During playback, press ▲ button to increase volume, and press ▼ button to decrease volume.

- Change the repeat mode

  During playback, you can select the desired mode from the following 4 items by pressing the repeat (UP) button.

  N(Normal): Play all selected tracks once from the current song to the last one.

  S(Shuffle): Play selected tracks in a random order.

1(Repeat One): Play the current track repeatedly.

A(Repeat All): Play all selected tracks repeatedly in order.

- Equalizer mode

Each touch of the mode button will cycle through the 5 equalizer presets in order:

Normal / Classic / Live / Pop / Rock

- Selective Play

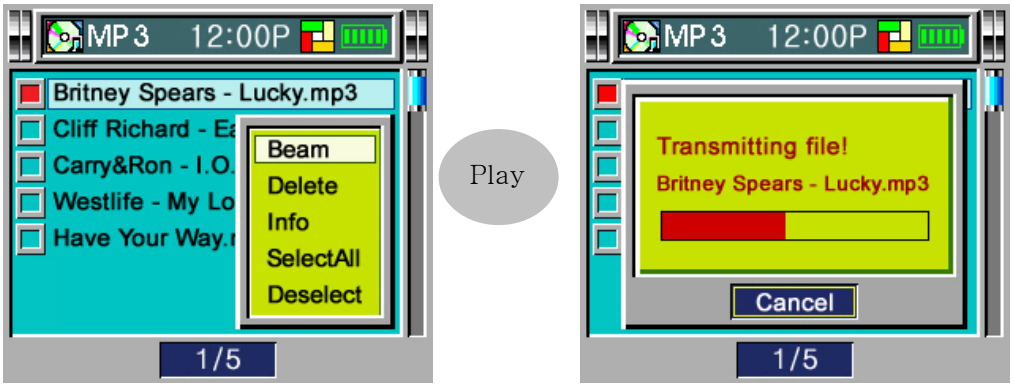
—- The file where the curser is currently placed is played as well as the selected

Using MP3 menu function

- This is used to transfer, delete, and select MP3 file or view the file information.

~~1.~~1. Press 'Menu' button on the list display.

- Beam: Transfer the file selected on the list display to other MKIVKI through IrDA port.



- If there is an error which prevents the transfer from continuing, an alert message appears with the file name.