

KANGURU MP3



Kanguru Micro MP3 Player User Manual

BEFORE FIRST USE

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Table of Contents

1. Introduction.....	4
1.1 Features.....	4
1.2 Parts and Functions	5
2. Technical Specifications.....	6
3. General Operation	7
3.1 Safety Precautions.....	7
3.2 Turning the MP3 Player ON/OFF.....	7
3.3 Music playback	8
3.4 Play Settings Menu	9
3.4.1 Repeat Mode.....	9
3.4.2 Equalizer	9
3.4.3 3D sound.....	9
3.4.4 Play Rate	10
3.4.5 File Browser	10
3.4.6 Classification.....	11
3.4.7 PlayList	11
3.4.8 ACL.....	12
3.4.9 Replay.....	12
3.5 Record.....	13
3.6 Voice	13
3.7 FM Radio	14
3.7.1 FM Radio Submenu	15
3.8 Setup.....	16
3.8.1 Time.....	16
3.8.2 Power.....	16
3.8.3 Language.....	16
3.8.4 Display Settings	16
3.8.5 Record Settings.....	17
3.8.6 System Tool	17
4. USB mode	18
4.1 Transferring Files to Your Device.....	18
4.2 Safely Removing Your Device	18
5. Trouble shooting.....	19
6. Warranty	19
7. Tech Support	19

1. Introduction

Thank for choosing the Kanguru Micro MP3 player.

Please first refer to this user manual to obtain information about the product and functions. Before using the Kanguru Micro MP3 player, please carefully read all information provided so that you have a better understanding of how to operate your Kanguru Micro MP3 player.

While compiling this manual, we were very careful and rigorous, aiming to provide you with reliable information. However, we need your understanding since it is hard to avoid some mistakes and omissions. We welcome your comments. If you have any problem with this product, please contact tech support at 1-508-376-4245.

Kanguru Solutions will not be responsible for loss of personal data, damage caused by malfunction of SW/HW, artificial damage, replacement of battery as well as other accidental conditions. To avoid the loss of your data, please back it up on your computer frequently. Kanguru Solutions will not take any related responsibilities for potential accidental loss during the application of this manual.

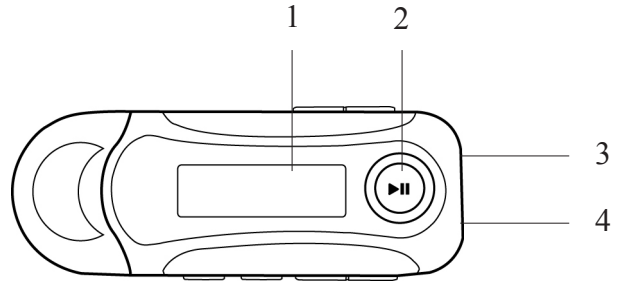
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1.1 Features

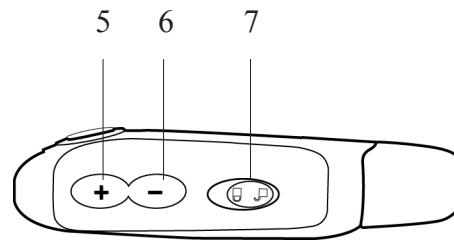
- √ Superb exterior design and comfortable handling
- √ Support for multiple audio formats including: MPEG1/MPEG2/MPEG2.5 Layer2/3, WMA and WAV.
- √ Driver-free operation
- √ File operation can be done directly through “Removable Disk” in “My Computer” without any additional software.
- √ EQ modes include Common, Pop, Rock, Classic, Jazz and Base.
- √ Multiple playing modes: Normal, Repeat 1, Repeat all, Random all, Play directory, Repeat directory, and Random play directory.
- √ Configurable automatic power-off timer
- √ Graphical menu with LCD display
- √ Supports synchronized lyric display using LRC files.
- √ Multiple languages supported

1.2 Parts and Functions

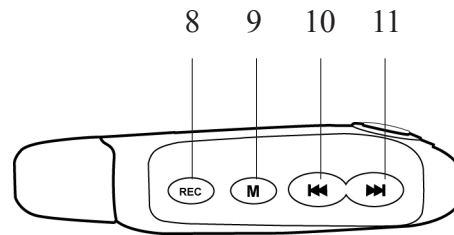
1. Display screen
2. ►|| button: ON/OFF, Play, Pause
3. MIC
4. Earphone jack



5. + button: Volume up
6. - button: Volume down
7. ☞ ☞ button: Hold key



8. **REC** button: Record
9. **M** button: Menu, Enter
10. ◀◀ button: Previous, Backward
11. ▶▶ button: Next, Forward





2. Technical Specifications

Dimensions	81.80mm(L)×33.00mm(W)×17.70mm(H)	
Weight	28g (without battery)	
Display area	LCD(96×64) 7color Backlights	
Computer interface	High speed USB2.0	
Memory size	4GB	
Battery lifetime	up to 10 hours	
Recording	Rate	8KHz
	Record format	WAV(32Kbps, 44Kbps, 64Kbps or 88Kbps)
	Record time	8 hours (WAV for 128MB)
MP3,WMA,WAV	Earphone max power	(L) 5mW+ (R) 5mW (32 Ohm)
	MP3 bit rate	8K bps-320K bps
	WMA/WAV bit rate	5K bps-352K bps
	Frequency response	20Hz-20KHz
	Signal to Noise ratio	85dB
FM Radio	FM frequency range	87MHz-108MHz
	Number of channels	30
	Earphone max power	(L)10mW+(R)10mW(32 Ohm)
	SNR	45dB
Music formats supports	MP1, MP2, MP3, WMA, WAV	
Temperature range	-5~40 Celsius Degree	
Language supports	16 Languages including English, Simple Chinese, Spanish, French, German, Italian, Portuguese	
Operating system	Windows XP/Vista/7	

3. General Operation




Please read through and understand the following instructions before using your Kanguru MP3 player.

3.1 Safety Precautions

- Please remove the battery if the Kanguru Micro MP3 player will not be used for a prolonged period of time.
- Do not use the Kanguru Micro MP3 player in extremely hot, cold, dusty or humid conditions.
- Protect the player from falling, rubbing, or compacting while in use; this may lead to cosmetic damage or damage of internal hardware.
- Please replace the battery under the following circumstances:
 - In normal operation, the player will power off automatically after the battery symbol is empty  and “battery low” message is shown.
 - The operating buttons do not respond and the battery symbol is empty .
- Avoid operating this player under extremely dry conditions to prevent damage to the hardware by high static.
- Do not disconnect the player while it is connected to the PC and is formatting, uploading, or downloading. Disconnecting the device abruptly can lead to program error and failure to power on.
- When the player is used as a removable disk, the user should store files using appropriate operation methods for file management. Kanguru Solutions will not be responsible for any loss of data.
- It is recommended that you backup the data on the player to your PC at regularly scheduled intervals.

Note: The battery meter may change during playing. This is generated from different power consumption during use and playback. It will not affect the normal functions of the player and should not be mistaken as quality problem.

3.2 Turning the MP3 Player ON/OFF

1. Please make sure the player is unlocked. The Hold key should be in the unlocked position .
2. Power on: While player is off, press and hold the  button to power on the player.
3. Power off: While player is on, press and hold  button until the word “Bye” is displayed on screen.

Note:

- When powering on, the player may temporarily pause. The player is initializing and is subject to this normal operation.
- Power-on memory function: When the player powers on, it will start in the mode it was in at the time of the last power-off (music, FM). If powering off under Pause status, it will enter the position that was playing at the time of previous power-off.
- If there is any failure during operation, the player can be reset by taking out the battery and then putting it back In.

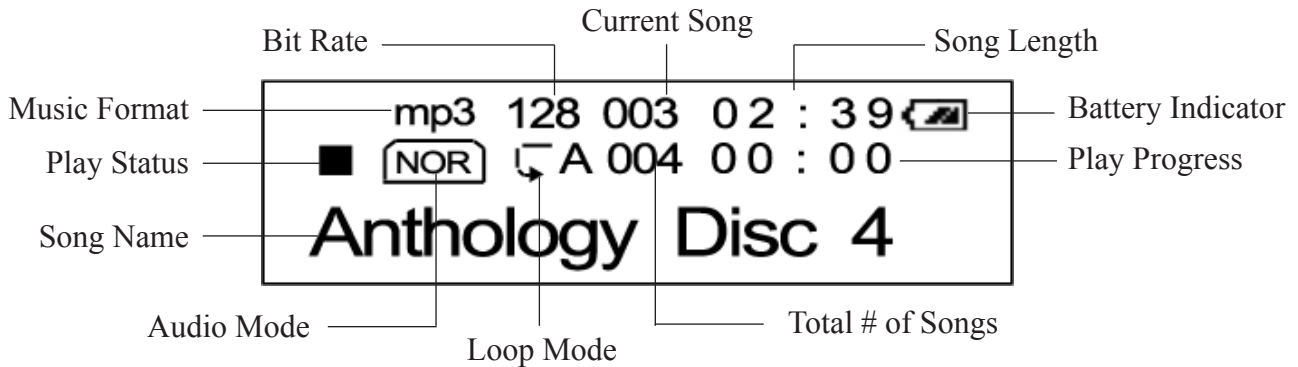
3.3 Music playback

Press and hold the **M** button to enter the Main Menu. In main menu screen you can choose the Music Mode by pressing the **◀◀ ▶▶** buttons, as the following figure shows:



Phort press the **M** button to enter Music Mode. Press **▶▶** to start playing the current song.

This displays such information as song number, type, and name, singer, lyrics, sound effect mode, bit rate, repeat mode, A-B repeat mode, volume, charge display as well as the play duration current song.



Under Play status, you can pause by first pressing the **▶▶** button; to continue playback, press the **▶▶** button again.

Stop playing the current song and return to the Main Menu by pressing and holding the **M** button.

Note: The player supports “*.LRC” lyrics files to achieve synchronized play between lyrics and the songs. Lyric files must have the same file name as the music file and be saved under the same folder.

Music Selection

- ◀◀** button: choose the previous song.
- ▶▶** button: choose the next song.

Volume adjustment

- +** button: volume up
- button: volume down.

Fast forward/backward

During playback, press and hold the **▶▶** button to fast forward the current song or **◀◀** to rewind.

3.4 Play Settings Menu

While in music playback mode, press the **M** button to enter the Play Settings menu.

3.4.1 Repeat Mode

Under the Play Settings menu and then tap the **M** button to enter Repeat menu. Select the Repeat mode by pressing the **◀◀ ▶▶** buttons and then press the **M** button. Press the **▶▶** button to return to playback mode.



3.4.2 Equalizer

Under the Play Settings menu press the **◀◀ ▶▶** buttons to select Equalizer and then tap the **M** button to enter the Equalizer menu. Select the Equalizer mode by pressing the **◀◀ ▶▶** buttons and then press the **M** button. Press the **▶▶** button to return to playback mode.



3.4.3 3D sound

Under the Play Settings menu and then use the **◀◀ ▶▶** buttons to select 3D and then tap the **M** button to enter the 3D menu.



Turn surround sound ON or OFF mode by pressing the **◀◀ ▶▶** buttons and then press the **M** button to confirm. Press the **▶▶** button to return to playback mode.



3.4.4 Play Rate

Under the Play Settings menu press the **⏮ ⏭** buttons to select Play Rate and then tap the **M** button to enter the Play Rate menu.



Adjust the play rate by pressing the **⏮ ⏭** buttons and then press the **M** button. Press the **⏸** button to return to playback mode.



3.4.5 File Browser

Under the Play Settings menu and then use the **⏮ ⏭** buttons to select File Browser and then tap the **M** button to enter the File Browser.



Navigate the files stored on your drive by pressing the **⏮ ⏭** buttons. Press the **—** to enter the sub-menu where you can choose to add the file to your playlist or delete the file. Press the **⏮ ⏭** buttons to select an option and then press the **M** button to confirm.

Press the **⏸** button to return to the Play Settings menu. Press the **⏸** button to return to playback mode.

3.4.6 Classification

Under the Play Settings menu and then use the **⏮ ⏭** buttons to select Classification and then tap the **M** button to enter the Classification menu.



The Classification menu allows you to navigate the songs on your drive by Genre, Artist, Album or Title.

Select the navigate method by pressing the **⏮ ⏭** buttons. Press the **M** to enter the sub-menu where you can navigate by pressing the **⏮ ⏭** buttons, and selecting by pressing the **M** button.

Press the **⏸** button while navigating to go back one level to return to the Play Settings menu. Press the **⏸** button to return to playback mode.

3.4.7 PlayList

Under the Play Settings menu and then use the **⏮ ⏭** buttons to select Playlist and then tap the **M** button to enter the Playlist menu.



Navigate the playlists saved on your drive by pressing the **⏮ ⏭** buttons. Press the **M** to view the songs in the playlist.

Tap the **⏸** button while navigating to go back one level to return to the Play Settings menu. Press the **⏸** button to return to playback mode.

3.4.8 ACL

ACL (Advanced Comfort Listening) mode can be configured to provide a better listening experience. Under the Play Settings menu and then use the **⏮ ⏭** buttons to select ACL and then tap the **M** button to enter the ACL menu.



Turn ACL On or Off mode by pressing the **⏮ ⏭** buttons and then press the **M** button. Press the **⏭** button to return to playback mode.



3.4.9 Replay

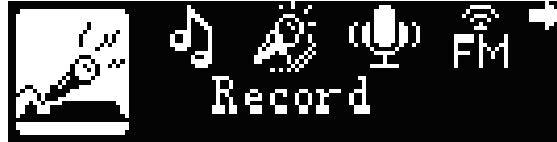
The Replay mode can be activated to loop a section of the track. Under the Play Settings menu and then use the **⏮ ⏭** buttons to select Replay and then tap the **M** button.

You will be returned to music play mode and you will see **A-B** in the top right corner, underneath the battery indicator. The **A** will be flashing. If the track is not currently playing, press the **⏭** button to start playback. Tap the **⏭** button to select the start location of the replay section and the **B** will be flashing. Tap the **⏭** button again to select the end location of the replay section.

Once the start and end locations are set, the chosen section of the track will continue to repeat until you press the **M** button, which will cancel Replay mode.

3.5 Record

The Record function allows you to record audio using the built-in microphone. In the main menu screen, select Record mode by pressing the **◀◀ ▶▶** buttons.



1. Press the **M** button to enter Record mode.
2. Press the **▶||** button to start recording.
3. Press the **▶||** button to pause recording.
4. Press the **▶||** button again to continue recording
5. Hold the **M** button to stop recording and save the current file.

Enter the Voice function under the main menu to play back your audio recordings.

3.6 Voice

You can playback audio that was recorded using the built-in microphone through the Voice function. In main menu screen, select Voice function by pressing the **◀◀ ▶▶** buttons.



Press the **M** button to enter Voice play back mode.

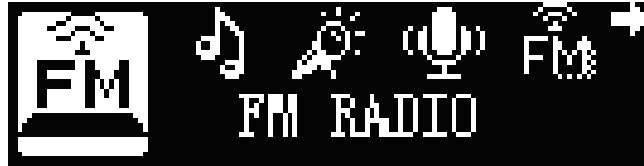
Press the **◀◀ ▶▶** buttons to navigate the recorded audio files.

Press the **▶||** button to play the recorded file. Press the **▶||** button again to pause the current file.

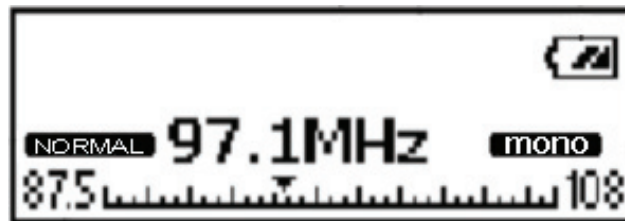
Press and hold the **M** button to return to main menu.

3.7 FM Radio

In the Main Menu, select FM mode by pressing the **◀▶** buttons.



Press the **M** button to enter FM Radio mode as shown below. Press and hold the **M** button to return to the main menu.



Volume adjustment

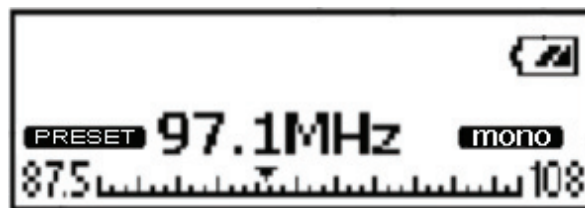
Volume can be increased or decreased by pressing the **+** **-** buttons.

Channel scan

Search forward or backward through channels by 0.1MHz by pressing the **◀▶** buttons. Press and hold the **◀▶** buttons to seek out stations.

Presets

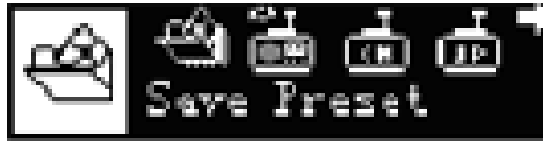
While in Normal mode you can switch to the Preset mode by pressing the **▶||** button.



- While in Preset mode, press the **◀▶** buttons to switch through your preset stations.
- While in Preset mode, press the **▶||** button to return to Normal Radio mode.

3.7.1 FM Radio Submenu

While in Radio mode, press the **M** button to enter the FM Radio submenu as shown below.



Press the **◀▶** buttons to navigate the following content under the FM Radio Submenu:

- **Save Preset** - Save the current station to your preset list. A maximum of 20 presets can be saved at one time.
- **Auto Search** - Automatically search and save full frequency channels.
- **Common Channel** - Set the FM band to 87MHz - 108Mhz
- **Japan Channel** - Set the FM band to 76MHz - 90MHz

Press the **M** button to confirm the selected function.

Press the **▶||** button to return to FM Radio mode.

3.8 Setup

The Settings menu allows you to make changes to your MP3 player's functionality. In the main menu, select Setup by pressing the **⏪ ⏩** buttons.

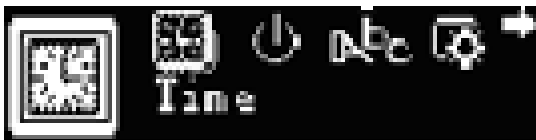


Press the **M** button to enter the Setup menu.

Select a Setup item using the **⏪ ⏩** buttons. Press the **M** button to enter an item.

Press the **⏩** button to return to the main menu.

3.8.1 Time



The Time setting allows you to adjust the date and time. Press the **+** **-** buttons to switch between AM/PM, hours, minutes, year, month and day. Press the **⏪ ⏩** buttons to adjust any object. Press the **⏩** button to return to the Setup menu.

3.8.2 Power



The Power setting allows you to adjust the auto-power off time: disable, 2min, 10min, 30min. Press the **⏪ ⏩** buttons to adjust the auto shutoff time, or select disable to turn off automatic power off. Press the **⏩** button to return to the Setup menu.

3.8.3 Language



Press the **⏪ ⏩** buttons to adjust the language: Confirm the selection by pressing the **M** button

3.8.4 Display Settings



Press the **M** button to enter the Display Settings menu. Here you can select the Contrast, Backlight or Color options by pressing the **⏪ ⏩** buttons and then the **M** button to enter. Once you have entered one of the Display Settings options you can adjust the levels by pressing the **⏪ ⏩** buttons and confirm the selection by pressing the **M** button.

3.8.5 Record Settings



Press the **M** button to enter the Record Settings menu. Here you can select the Record Quality, VAD and AGC options by pressing the **◀◀ ▶▶** buttons and then the **M** button to enter.

- **Record Quality** - Select the quality of recorded files by pressing the **◀◀ ▶▶** buttons. Press the **M** button to confirm. **Note:** The higher the recording quality, the larger the recorded file will be.
- **VAD** - The Voice Activity Detector option allows you to turn on VAD which prevents false gain increasing for background noise.
- **AGC** - The Automatic Gain Control option allows you to turn on AGC which adjusts the level of the microphone signal in order to cope with various acoustic conditions.

Press the **▶▶** button to return to the Setup menu.

3.8.6 System Tool



Press the **M** button to enter the System Tools menu. Here you can select the Format, Reset and System Info options by pressing the **◀◀ ▶▶** buttons and then the **M** button to enter.

- **Format** - You can select either a Quick or Complete format by pressing the **◀◀ ▶▶** buttons. Press the **M** button to confirm.. The Complete format will take significantly longer to perform than the Quick format. **Caution!** Formatting will erase all data from the drive. Do not power off the drive while the drive is formatting.
- **Reset** - The Reset option will allow you to return all system options to their factory default values. Select Yes or No by pressing the **◀◀ ▶▶** buttons and then press the **M** button to confirm..
- **System Info** - The System Info option will display the device's firmware version as well as remaining capacity displayed in MB's.

Press the **▶▶** button to return to the Setup menu.

4. USB mode

Your Kanguru MP3 player can also be used as a removable USB storage device. Power off the player by holding the ►|| button. Remove the cap from the USB connector and then connect the USB interface to your computer.

4.1 Transferring Files to Your Device

When the player is connected by USB, it will automatically enter USB Connection Mode. When the computer recognizes the MP3 player it will show up under My Computer as a removable device. You can drag and drop or copy and paste your music/data directly to the drive.

Caution! The connection between the MP3 player and the computer should not be disconnected during transmission of data. This may lead to an error in data transmission or player failure.

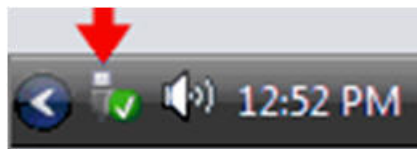
4.2 Safely Removing Your Device

Once the data transmission is completed, we recommend you eject the drive using Windows “Safely Remove Hardware” function. To properly disconnect the drive from your computer, click on the Safely Remove Hardware icon located in the taskbar. This will allow you to select any removable devices that you have connected to your computer. Select the drive that you want to remove and Windows will alert you when it is safe to remove the device.

Windows XP



Windows Vista / 7



5. Trouble shooting

Q: The player does not power on?

A: Please check if the battery charge is sufficient.

Q: The response speed of the MP3 player becomes slow?

A: There will be fragments (similar to those on a hard disk) on the internal flash memory after the MP3 player undergoes long-time usage or frequent deletion of files, leading to a slowed response speed. The problem can be solved by formatting the player.

Q: No sound when playing songs?

A: Please check if the volume is at the minimum, if the music files are the correct format, and if the earphones are plugged into the jack fully.

6. WARRANTY

Kanguru Solutions guarantees that every Kanguru device will be free from defects in workmanship and materials for 1-year* from the date of purchase. This warranty does not apply if, in the judgment of Kanguru Solutions, the product fails due to damage from handling, accident, abuse, misuse, or if it has been used in a manner not conforming to the product's instructions, has been modified in anyway, or the warranty labels have been removed. If the product proves defective during this warranty period, call Kanguru Solutions Technical Support in order to obtain a RMA required for service. When returning a product, mark the RMA number clearly on the outside of the package, and include a copy of your original proof of purchase.

In no event shall Kanguru Solutions' liability exceed the price paid for the product from direct, indirect, special, incidental, or consequential software, or its documentation. Kanguru Solutions offers no refunds for its products after 30 days of purchase. Kanguru Solutions makes no warranty or representation, expressed, implied, or statutory, with respect to its products or the contents or use of this documentation and all accompanying software, and specifically disclaims its quality, performance, merchantability, or fitness for any particular purpose. Kanguru Solutions reserves the right to revise or update its products, software, or documentation without obligation to notify any individual or entity.

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