

KANGURU MP3



USER MANUAL

Please be aware of the following points before using the Kanguru Micro MP3.

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CUSTOMER SERVICE

To obtain service or technical support for your product, please contact Kanguru Solutions Technical Support Department at 508-376-4245, or visit www.Kanguru.com for web support.

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Foreword

Thank for choosing the Kanguru Solutions MP3 player.



To allow you to operate this player as quickly as possible, please first refer to this user manual included with to obtain information about the product and operating methods. Before using the KanguruMP3 player, please carefully read all data provided with the KanguruMP3 player, so that you may have a better understanding of this product.

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 during the use of 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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Safety Precautions

- Please remove the battery if the KanguruMP3 player will not be used for a prolonged period of time.
- Do not use the KanguruMP3 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, so as to prevent damage to the hardware inside the player by high static.
- When the player is connected to the PC and is formatting, uploading, or downloading, the connection should not be stopped abruptly or it can lead to program error and failure to power on.
- When the player is used as a removable disk, the user should store files under appropriate operation methods for file management. Kanguru Solutions will not be responsible for any loss of files.
- 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.

Functional Description

- Superb exterior design
 - Superb exterior design and comfortable handling
- Support for multiple audio formats
 - Music 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. No driver is needed in most newer systems.
- Tone equalizer
 - EQ modes include Common, Pop, Rock, Classic, Jazz and Base.
- Multiple playing modes
 - Playing modes include, Normal, Repeat 1, Repeat all, Random all, Play directory, Repeat directory, and Random play directory.
- Timed power-off
 - Configurable automatic power-off timer
- Graphical menu
 - Visual graphic menu with LCD display for ease of use.
- Synchronized lyrics
 - Supports synchronized lyric display using LRC files.
- Multi-languages
 - 7 languages including Simplified Chinese, German, Italian, France, Portuguese, Spanish, and English can be selected.


Description and location of player controls





- 1  button: ON/OFF, Play, Pause
- 2  button: Hold key
- 3  button: Volume down
- 4  button: Volume up
- 5  button: Record
- 6  button: Menu, Enter
- 7  button: Previous, Backward
- 8  button: Next, Forward
- 9 Earphone jack
- 10 MIC
- 11 USB Interface
- 12 Display screen

Basic Functions

I. 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  button to power on the player.

3. Power off: While player is on, press and hold  button while the words "Power off" display on screen. Press and hold  until the progress bar is full and "see you" appears.






Note:

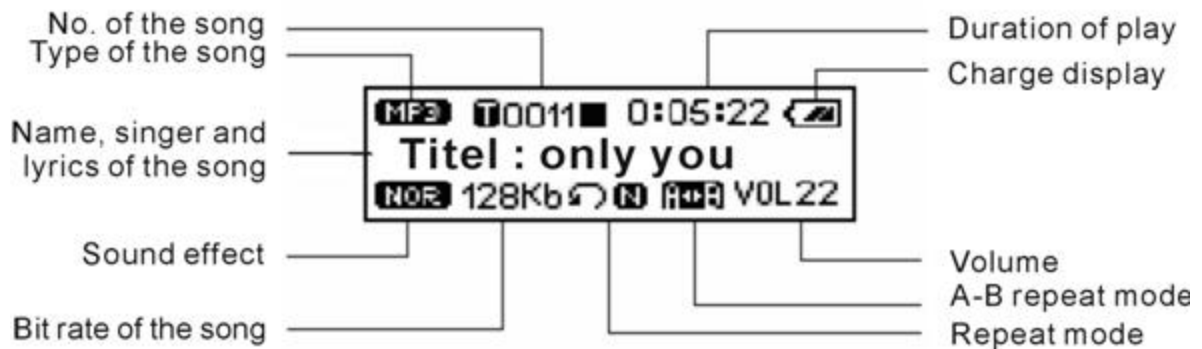
- (1) When powering on, the player may temporarily pause (duration of the pause links to the player capacity). The player is initializing and is subject to this normal operation.
- (2) Power-on memory function: When the player powers on, it will start from the time at previous power-off (music, FM, and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

II. Music playback

In main menu screen you can choose the Music Mode by pressing the   buttons, as the following figure shows:





Short press  to enter Music Mode and short 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 short pressing  button; continue to play by short pressing  button again, or stop playing the current song and returning to the main screen by long pressing  button.



Note: synchronized lyric display

The player supports "*.LRC" lyrics files to achieve synchronized play between lyrics and the songs. Keep the names of lyrics files consistent with that of the song files.



1. Music Selection

 button: choose the previous song;  button: choose the next song.






2. Volume adjustment

 button: volume up;  button: volume down.






3. Fast forward/backward

During Music Playback, long press  button for fast forward of the current song and  for fast backward.

4. A-B repeat

Under music play mode, first short press  button to confirm the start point for repeat with  displayed on the screen, second short press  button to confirm the end point with  displayed, and third press  to cancel the repeat function.

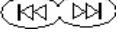
5. Record

Stop the current song, then short press  button to enter the MIC record mode and automatically start recording. Press  button to pause recording, press  button again to continue recording. Long press  button to save the recording and automatically switch to audio playback screen, then press  button to play the recorded file.







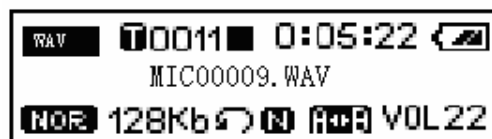
Recording screen

III. Voice replay

In main menu screen, the Voice Replay mode is chosen by pressing  button, shown in the following figure:




Short press  button to confirm entering audio play mode; short press  button to play the current recorded file; short press  button again to pause the current file and long press  button to return to main screen.







Voice replay screen

IV. Record

In the main menu screen, the Record mode is chosen by pressing  button, shown as the

following figure:

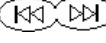


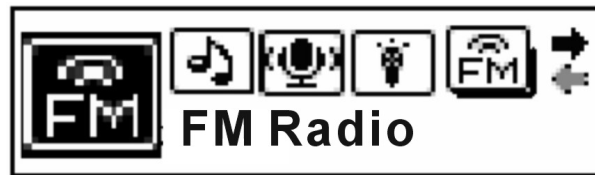
Short press  button to confirm to enter the Record mode and start recording; short press  button to pause recording, short press  again to continue recording, and long press  button to stop and save the current recording and enter Voice Replay mode.



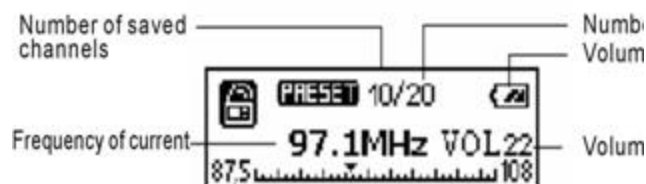
Record Mode

V. FM radio


In the Main Menu screen, FM mode is chosen by pressing  button, shown in the following figure:




Short press  button to enter FM Radio mode as shown below.



1. Channel switch

The saved channels can be switched in sequence by short pressing  button.




2. Channel search

Search forward or backward through channels using the  button (0.1MHz forward/backward for each press)

3. Volume adjustment

Volume can be increased or decreased by pressing .




4. Radio Program recording

Short press the  button to record the program played in the current channel, press  to pause or continue recording, and long press  to save the clip and return to the FM Radio screen

Note:

As the antenna for the radio, earphone s must be plugged during FM radio/FM record mode. Otherwise, there will be low/no signal.




Radio Presets

1. Select the radio station you want save as a preset.
2. Press the  button, so that it say **PRESET** right above the station call number.
3. Hit the  button, this will take you to the previous menu.
4. Scroll until you see "Save Preset"
5. Hit the  switch again. This will save your preset and put you back into radio mode screen.



VI. Setting

In the main menu, press  button to select Setting mode



Short press  button to enter the Setting screen; choose an item by  and press  to confirm to enter. The detailed functions and operations are as follows:

1. Sound effect setting

Sets 6 EQ modes: Normal, Pop, Rock, Classic, Jazz and Bass. Press  to select and press  to confirm.



2. Repeat mode

Sets 7 repeat modes: No repeat, Repeat one, Repeat all, Random all, Play in directory, Repeat in directory and Random in directory.



3. Contrast

Sets different Contrast levels.



4. Light time

Sets different light timing: Off/ 5seconds/ 10seconds/ always on



5. Light color

Sets different light colors: Blue/ Green/ Cyan/ Red/ Pink/ Yellow/ White/ Color Random



6. Auto Power Off

Sets the auto-power off time: disable / 2min / 10min / 30min



7. Sample Rate Setting

Sets the sampling rate for voice recording: 32Kbps, 44Kbps, 64Kbps and 88Kbps



8. Language setting

Sets the language: English, Simple Chinese, Spanish, French, German, Italian, and Portuguese



9. Exit

Press M button to exit the setting mode and return to main menu.



VII. Information

Displays the total storage, remaining storage, and version no. of the player.



VIII. Folder



Press **M** to enter the Folder menu. Press **⏪ ⏩** to select the file you desire, and press **M** to enter a sub-menu as following:

- 1) Play file now? Press **M** to confirm to play the selected song;
- 2) Delete file or not? Press **M** button, press **⏪ ⏩** to select Yes/No. Press **M** to confirm the delete operation or cancel.

USB mode

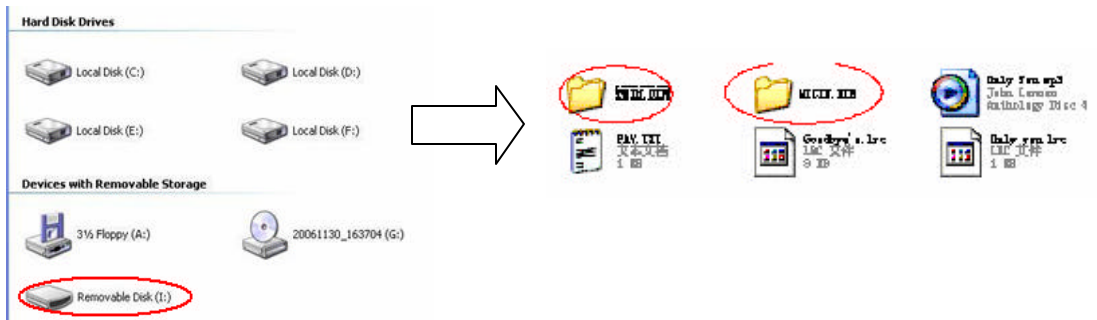
Please power off the player and connect the USB interface of the player with that of the computer. You should always use the supplied USB extension cable to avoid damage to the player's connector. The player will automatically enter the USB Connection Mode.



1. When the player is connected by USB, the it will automatically enter USB Connection Mode.
2. When the computer is connected with the player, directly drag or copy the data to be stored in

“Removable disk” after “Removable disk” is found in “My Computer”.

- i. Note: 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.



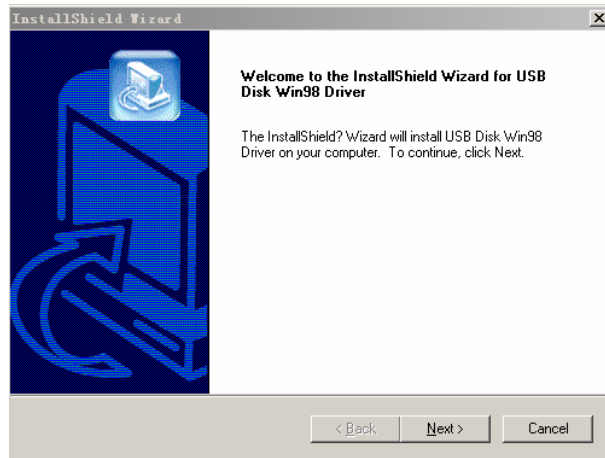
The two folders marked in red above are the record folders automatically generated by the player. You may delete them however the player will generate them again after it is powered on. Do not place songs or data into these two or three folders

3. After the data transmission is completed, we recommend you eject the drive using Windows “safely remove hardware” located in the bottom right of the taskbar.

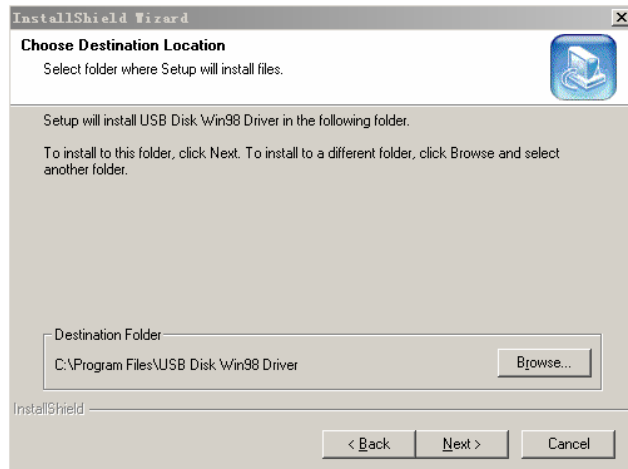


Win98 Driver setup

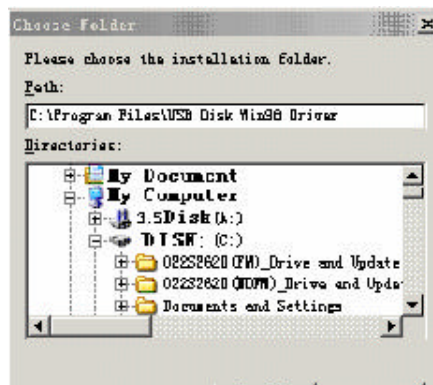
- 1) separate driver Installation is not necessary for Windows 2000/XP/or Vista.
Prior to and during driver setup, please do not connect the player with the computer.
Run the 'Win98.exe' file on CD and confirm after choosing a language in the pop-up dialog box and enter the following screen:



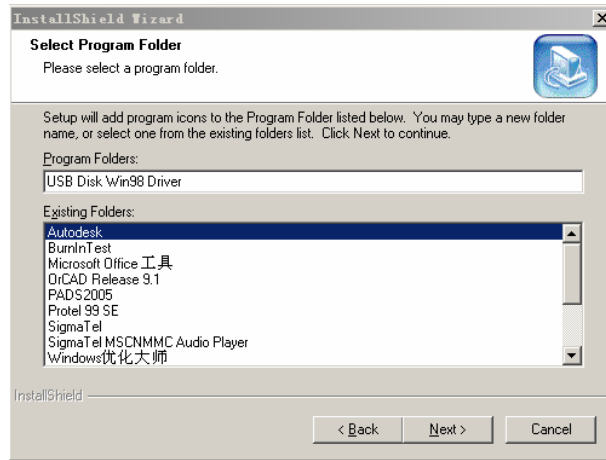
Then click "next" to enter Setup Destination Setting screen.



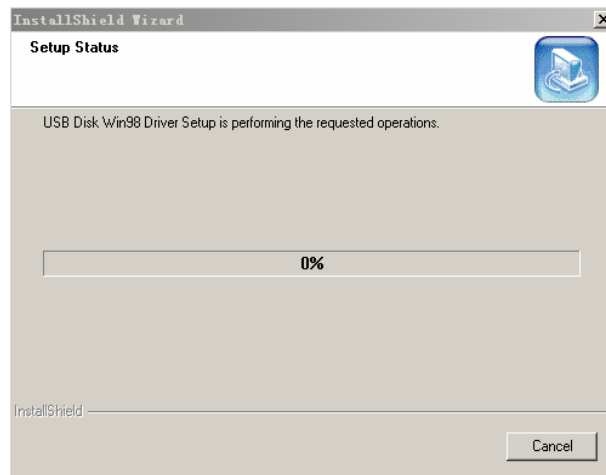
Click "Browse" to choose a folder for the setup files, shown in the following figure:



Confirm after the destination is set and click “Next”



Choose the name of the program file, click “Next” and start setup. The progress screen is shown as the following figure:



After setup is complete the computer will need to be re-booted for the driver installation to finish.

Trouble shooting

- 1) The player does not power on?
A: Please check if the battery charge is sufficient.
- 2) 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.

3) 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.

Technical Specifications

Outside 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	128M-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	Windows98/SE/ME/2000/XP /Vista	

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Warranty

This product carries a 1-year limited warranty from the date of purchase. 1 Year Parts, 90 days labor.

Tech Support

If you experience any problems installing your Kanguru Micro MP3 PRO player or have any technical questions regarding any of our products, please call our tech support department. Our tech support is free and available Monday thru Friday, 9am to 5pm EST

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