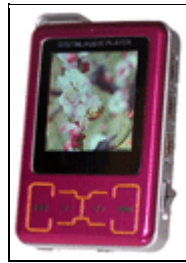


RICATECH

Innovative Electronics

User Manual RC689



[HTTP://WWW.RICATECH.COM](http://www.ricatech.com)

Read through this section first.

We include a detailed user manual with the device so that you can operate your MP3 more easily. You can get information about the product and learn how to operate it from the manual. Please read through the manual before you use your MP3 player, so that you can use the product correctly.

This company will not be responsible for any loss or damage of individual data directly or indirectly resulted from misusing the software or hardware, maintaining this product, replacing the battery and other unexpected conditions, nor is it responsible for other indirect losses resulting. Meanwhile, we cannot control users' understanding of this manual. Therefore we cannot be responsible for unexpected losses resulted from using this manual, nor any third party's claim due to using this product.

The information in this manual may be changed without prior notification!

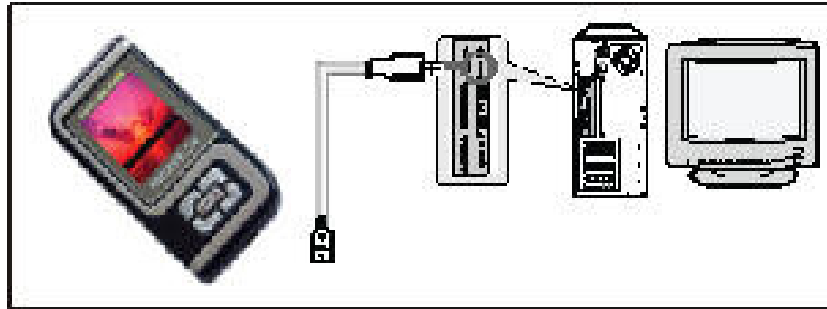
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1. How to connect this device to a PC.

Connecting to a PC.

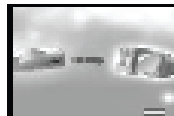
Connect the USB cable to the PC as in the picture below.



When the player is connected to the PC, the LCD displays the following image



Common Connecting
USB Mode



Data
Downloading



Data
Uploading

2. Playing Music.

Music Playback Mode:

- Press and hold ▶|| to enable the player.
- Press **MODE** button to enable the player.
- Press ◀◀ ▶▶ to select the Music Playing Mode.
- Press **MODE** button to enter the Music Playing Mode.
- Press ▶|| button to play music.

In the Playing Mode:

- Press ◀◀ ▶▶ to select the last / next music file.
- Press and hold ◀◀ ▶▶ to fast forward or rewind.
- press ▶|| to pause playing.
- press **VOL+** / **VOL-** to increase / decrease the volume.

Setting up the sub-menu for playing music:

- In the playing mode, press **MODE** to enter the playing menu.
- Press ◀◀ ▶▶ to select the menu option.
- Press **MODE** to confirm your option.
- Press ▶|| to return to the playing interface.

Menu options for playing music:

- Replaying Mode
- Sound effect Mode
- Re-reading Mode
- Re-reading Times
- Re-reading intervals
- Exit

Optional Parameters of the playing sub-menu:

- Replaying: Viewing playing
 - Sound Effect mode: Natural, rock –and-roll, popular, classical, blues, jazz and heavy bass
 - Playing speed: Reset the playing speed, increasing or decreasing
 - Re-reading mode
1. Press ◀◀ ▶▶ to select the “Re-read mode”; press Mode to confirm; the A in the re-read icon blinks while waiting to confirm the starting point A.

2. The B in the re-read icon blinks while waiting to confirm the ending point B; Press **▶▶** to confirm the finishing point B; then the player will replay the contents from Point A to Point B.
 3. Press **▶▶** , the player will be in record mode for dictation/singing.
 4. Press **▶▶** again, the player will play the contents from Point A to Point B and be in record mode for dictation/singing.
 5. Re-press **▶▶** , the player will return to the normal playing mode.
- Re-reading times: 1-10 times may be set up
 - Re-reading interval: the interval between each re-reading
 - Exit: exit from the sub-menu

Setting up the sub-menu for stopping music:

1. Press **Mode** to enter the Stop menu in the stop mode;
2. Press **◀◀ ▶▶** to select the option of the sub-menu;
3. Press **Mode** to confirm the option;
4. Press **▶||** to return to the music playing interface;

Options of the sub-menu for stopping music:

Contents of the main disc: file folder may be set up;

- **Deleting file: Deleting single/all files**
- **Re-playing mode: Common mode, Single re-playing, Content playing, Content re-playing, Re-playing all, Shuffle, Viewing playing**
- **Exit: Exiting the sub-menu**

Editing the synchronic song lyric:

1. **Open the notepad to edit the synchrony lyrics of a song; Description of the format (Minutes, seconds) lyric texts...(change lines)**
2. **Save the file which has the same name of the song and an “.LRC” extension after editing it.**
3. **Upload the file with the edited lyrics to the player; Press and hold the Mode in the playing mode; the synchronic lyrics of the song appear.**

3. Playing Movies.

Movie playing mode:

Please refer to the steps for playing music when you play AMV music.

During playing of AMV music, only the following buttons are effective:



▶|| button: Stopping playing/turning off the player by pressing and holding it;

Mode button: Enter the main menu by pressing and holding it;

◀◀ ▶▶ button: Last/next

1. Press and hold ▶|| to enable the player.
2. Press and hold **MODE** to enter the main menu.
3. Press ◀◀ ▶▶ to select the recording mode.
4. Press **MODE** to enter the recording mode.
5. Press ▶|| to start recording.
6. Press ▶|| to pause recording; re-press to continue recording.
7. Press and hold Mode to save the recording and enter the main menu.

Sub-menu option for stopping recording:

Interface for stopping recording, press Mode to enter.

- Recording sub-menu
- Contents of the main disc: a file folder may be set up
- Recording type: High quality recording, Long time recording, High quality sound control, Long time sound control.
- Exit: Exiting the sub-menu

4. Voice Playing Mode.

Voice Playing Mode:

1. Press and hold ► to enable player.
2. Press and hold **MODE** to enter main menu.
3. Press ◀▶ to select voice playing mode.
4. Press **MODE** to enter voice playing mode.
5. Press ► to play the voice.

In playing model:

1. Press ◀▶ to select last / next.
2. Press and hold ◀▶ to play the voice at double speed or in reverse.
3. Press ► to pause playing.
4. Press VOL+, VOL- to increase / decrease volume.

Setting up sub-menu of voice playing:

1. Press **MODE** to enter the sub-menu of playing in the voice playing mode.
2. Press ◀▶ to select sub-menu option.
3. Press **MODE** to confirm the option.
4. Press ► to return the voice playing interface.

Options of the sub-menu for voice playing:

- Re-Playing mode (see music playing mode)
- Playing Speed (see music playing mode)
- Re-reading mode (see music playing mode)
- Exit

Options of the sub-menu for stopping voice playing:

- Contents of main disc: A file folder may be set up.
- Deleting file: deleting single / all files.
- Exit: exiting the sub-menu.

5. Radio Mode. (Optional)

Radio Mode:

1. Enter main menu; select “radio”; press **MODE** to enter “Radio Mode”.
2. Regulating channel manually: Press **⏪ ⏩** to scan forwards / backwards.
3. Auto Searching: Press and hold **⏪ ⏩** to scan the scannels, The player will stop searching when a station is found. Press **⏪ ⏩** to stop scanning.
4. How to memorize the searched channel: Press and release **MODE** to enter FM sub-menu, select memorizing the channel, press and release mode to confirm.
5. Listen the memorized channels selectively; in case there are multiple memorized channels, listen them one-by-one by pressing and releasing **▶||** .
6. Internal Recording function: you can record your favorite programs when you are listening to them; press and release **MODE** to enter FM sub-menu; select high quality recording or long time recording; now you can record the programs currently playing in the recording file; Press and release **MODE** to exit from recording.
7. Volume controlling: Press and release **VOL+**, **VOL-** to increase / decrease volume.
8. Press and hold **MODE** to exit the radio mode.

6. Picture Viewing.

Picture Viewing:

1. Enter Main Menu to select “Picture Viewing”: Press **MODE** to enter “Picture Viewing”.
2. Press ▶|| to play picture; press ◀◀ ▶▶ to select last / next.
3. Press **MODE** to enter the sub-menu:
 - Contents of the main disc.
 - Setting up playing mode: MANU / AUTO (1-8 seconds interval for next picture)
 - Delete file
 - ExitOther buttons are disabled.

7. Setting up system.

Setting up system:

1. Press and hold ►|| to enable the player.
2. Press **MODE** to enter main menu.
3. Press ◀◀ ▶▶ to select system setting up.
4. Press **MODE** to enter system set up.

Options of the system setting up:

- Recording time
- Screen setup
- Language selection
- Off configuration
- Interface option
- Re-reading configuration
- Saving conditions
- Firmware version
- Firmware upgrading
- Exit.

Parameters of the system setup options:

Recording time: Setting up the date / time for recording saving file.

1. Press **MODE** to enter the interface of recording time.
2. Press ◀◀ ▶▶ to change the figures.
3. Press VOL+, VOL- to skip the last / next frame.
4. Exit by pressing **MODE** after completing the regulation.

Screen Setup:

1. Brightness regulating: Regulating the brightness of the screen (0-7)
 2. Blank screen mode: Setting up a blank screen period (0-30)
 3. Exit
- Language selections: Multiple languages.
 - Off configuration (configuring a counting down time and player will turn off automatically)
 - Power-saving mode: It works only in the stop mode (0-60 sec); 0 represents that the function is off.
 - Sleep mode: It works in every mode. (0-120 sec); 0 represents that the function is off.
 - Interface option: Static interface, dynamic interface.

- **Re-reading configuration: Manu / Auto**

PC Connecting Mode:

As some operating systems (Version Windows 2000/SP4 or before) don't support attaching two disc symbols to one usb disc, it is required to select which disk should be used currently when a multiple space function has been adopted, i.e. "Connecting multiple discs, single common disc and single encrypted disc", so that selected disc can be shown when the player is connected to a pc.

Memory Condition:

Check memory and the service condition. (The percentage shows the ration of the used space)

Firmware Version:

Showing the player's firmware version.

Firmware upgrade:

Used interface of upgrading the firmware, You should enter this interface first when you upgrade this firmware. (Details about firmware upgrading can be found at <http://support.ricatech.com>)

8. E-Book.

1. Press and hold ▶⏏ to enable the player.
2. Press **MODE** to enter the main menu.
3. Press ⏪ ⏩ to select the E-File.
4. Press **MODE** to enter E-File.
5. Press ▶⏏ to open the contents in the file.
6. Press ⏪ ⏩ to select last / next..
7. Press and hold ⏪ ⏩ to flip over fast forwardly or backwardly.
8. Press **MODE** to enter into the sub-menu: Contents of the main disc;
Playing setups: Manu / Auto; Deleting file; Exit.
9. Press ▶⏏ to exit

9. Game. (Optional).

Game:

1. Enter the main menu; select “Game”, press **MODE** to enter the “Game”.
2. Russian Diamond:
3. Start the game: Press **MODE** to start
4. Speed setup: Set up the speed of the game.
5. Exit

10. Product Specifications and Parameters.

Items	Specification	
Memory size	64MB/128MB/256MB/512MB/1024MB/2048MB	
Max REC Time	35 hours (ACT, 128MB Flash)	
Battery longevity	MP3 Playing: up to 6 hours	
Supported file format	Music Format	MP1, MP2, MP3, WMA, WMV, ASF, WAV
	Recording Format	WAV(32Kbps), ACT(8Kbps)
FM Radio	87MHz-108MHz	
Output power of earphones	(L) 10mW + (R) 10mW (32ohm)	
USB	ULTRA-USB2.0 (FS) Flash Disk	
LCD	Color CSTN Screen	
Supported languages	Multiple languages	
Memory type	Flush Type flash memory	
Power supply	3.6V Li-Ion Battery	
Working temperature	-10 to 50 degrees Celsius	
SNR	>= 90dB	
Output Distortion	0.1	
Signal	Separable degree	
Range of output frequency	20Hz-20KHz	
Record sampling frequency	8KHz	

11. Customer support.

Support webpage	HTTP://support.ricatech.com
Support E-mail	support@ricatech.com
Manuals	HTTP://manuals.ricatech.com
Firmware	HTTP://downloads.ricatech.com
Contact	HTTP://contact.ricatech.com

NOTES:

