

RC1400 PORTABLE MP4 PLAYER



User manual

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1. The Safety Instructions

The manual contains important safety instructions and information of the device's proper usage. Make sure to read carefully and understand all the instructions to avoid accident.

Do not expose the device to extreme temperature (above 40°C), especially in cars with shutting windows in summer.

Do not store in humid or dirty areas.

Avoid the device falling and bumping strongly. Do not make TFT screen suffer from violent shake; otherwise, TFT screen could be damaged or displayed abnormally.

Choose the suitable volume. Do not turn up the volume of the earphones too high while using it. If you feel ringing in your ears, stop using the device or turn the volume down.

Do not disassemble the device by yourself and do not wipe the surface of device with alcohol and benzene and thinners.

Do not use the device in areas where electronic devices is prohibited, such as in plane.

Do not use the device while driving an automobile or walking in the street, otherwise an accident may happen.

Our company reserves the right to improve the product so product's specification and design are subject to change without further notice.

2. Function Overview

- 1.8 inch true color screen
- Mass memory: 128M/ 256M/ 512M/1GB/2GB /4GB optional
- Movie and MTV player, support AMV format, synchronized video and audio display
- Support various video formats convert to MTV&AMV format :RM /MOV /VOB /WMV /ASF /MPEG /AVI /DAT etc
- USB 2.0, fast download speed
- ID3 support, Lyrics display
- SP/LP digital recording function
- Electronic photo album, FM Radio function
- Play mode: Repeat A-B, repeat one, repeat all, repeat catalog, follow read etc
- EQ modes: JAZZ, CLASSIC, ROCK, POP, NORMAL,SOFT, DBB
- No driver is needed above Win98, plug & play to the computer
- Built-in hi-capacity rechargeable Li-polymer battery
- Managing disk function: set two partitions by accessorial tool. One is normal disk, the other is security disk in which files could not be accessed freely.
- Save 40 radio channels and record them to recording file

3. About Battery

The player adopts a built-in Li-polymer battery with large capacity which is very safe in usage.

If battery power is low, the screen will display “low power” then will automatically power off.

Recharge your battery by connection to PC via USB cable or by charger.

The screen displays battery icon and impulse when recharging battery. The icon will indicate full when completing recharging.

The running time of battery depends on volume setting, playing files format, button operation, etc.

The user can set time of [power off] in Setting to save power.

When you don't use the device for a period of time, please push [ON] to [OFF] side

4. Button function:

[ON/OFF]: power switch

[MODE]: enter menu and exit from sub-menu, confirm selection (under any status, hold [MENU] will enter main menu)

[>||]: play/stop, power on/ off the player

[PRE] / [NEXT] : last/next, backward /forward

[VOL]: adjust volume, press [PRE] / [NEXT], decrease/ increase the volume

5. Basic operation

1) Power on: first push the button to [ON] and hold [>II](play/stop) button for 3 seconds, the player will go to working condition.

2) Power off: hold [>II] (play/stop) button for three seconds, the player will be turned off, then push button [ON] to [OFF] side.

Note: When battery power is low, it will automatically power off.

3) Adjusting volume:

With MP3 mode, AMV mode, Voice mode and FM mode, first press [VOL], then press [PRE] / [NEXT] to decrease/increase the volume one step, while hold [PRE] / [NEXT] button will decrease/increase continuously.

6. Main menu

Hold [MODE] to enter main menu, there are seven modes which can switch into each other by pressing [PRE] or [NEXT].



7. Music mode



Sub-menu description:

A. sub-menu under playing status (there's no sub-menu while playing MTV &AMV file)

Select MUSIC mode in main menu, press [MODE] to confirm selection and then press PLAY/STOP [>II] button to play the song. While music playing, press [MODE] button to enter sub-menu:

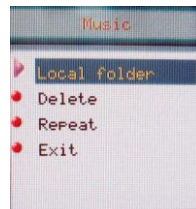


Repeat	Normal, Repeat one; Folder; Repeat Folder; Repeat All; Random; Intro.
Equalizer	NORMAL,ROCK,POP,CLASSIC,SOFT, JAZZ, DBB
Tempo Rate	Moving to positive direction will fast tempo rate and moving to negative direction will slow tempo rate. The digit "0" means normal tempo rate.
Replay	A-B repeat, when "A" in the icon  blinks, swing [NEXT] to confirm start point, swing [NEXT] as "B" point . The player will replay from A to B according to the setting in the replay times. (Return to A-B replay mode by swing [PRE] button in such status).
Replay times	Set how many times the A-B point replay Maximum is 10 times (1-10)
Replay gap	set replay time gap between every replay
Exit	Exit from sub-menu

The device displays lyrics whose name is the same as MP3 file. For example, music format's name is "song.mp3" and LRC file's name must be "song.lrc", and they should be also in the same folder.

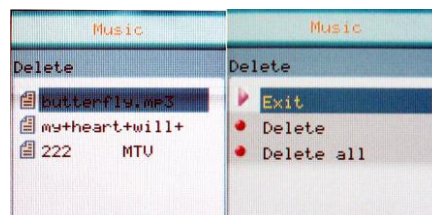
If there is lyrics file along together with playing song, the round ball beside the "lyric" icon is green. Otherwise it is red.

B. sub-menu under stop status: (Under playing status with MP3 mode、AMV mode mode, press [>II] to stop playing, then press Mode button)



Local folder	Indicate the folder of present playing file
Delete file	Delete the present playing song
Repeat	Normal, Repeat one; Folder; Repeat Folder; Repeat All; random; intro.
exit	Exit from the sub-menu

Delete file:



Sub-menu interface, select "Delete file", choose the file you want to delete, confirm "Delete", then the screen shows below:



8. Install (AMV) convert tool:

Make sure you have installed Windows media player 9.exe and DirectX9.0 before you install the software

1. Put CD drive into computer and open the driver.
2. Run Setup.exe to install the software, then restart the computer.
3. choose menu: start-----program-----mp3 player utilities --- AMV convert tool
4. There's a window appears, choose the file you want to convert, then choose

the folder you want to put the new converted file, click “start converting”

9. Record mode:



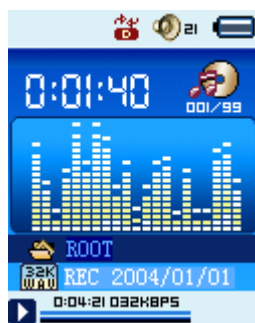
Press [MODE] button to select Record mode in main menu, then press [MODE] again enter into recording sub-menu.

Local folder	Indicate the folder of present recording file
REC type:	Fine REC: WAV format, good voice quality; Long REC: ACT format, fair quality and longer recording time; Fine VOR:WAV format, good voice quality, will stop recording automatically when there is no sound detected; Long VOR: ACT format, fair quality, will stop recording automatically when there is no sound detected;
Exit	Exit form sub-menu

After setting, press [>II] to start recording. In the meantime please note:

1. During recording, only [>II] (play/stop) and [MODE] can be effective.
2. press [>II] (play/stop) button shortly will save present recording file and start a new recording file
3. Ensure sufficient battery capacity during recording。
- 4.The player support 99 voice recording files storage in each directory. If the screen displays “ out of space”, which indicates the current directory has already saved 99 voice recording files, the user need to change to a new directory.

10. Voice mode



Main menu status, swing [PRE] or [NEXT] to select the Voice mode, then press [MODE] to confirm the selection, press [>II] to play the recording file. Press [>II] button to pause playback, swing [PRE] or [NEXT] button to select recording files.

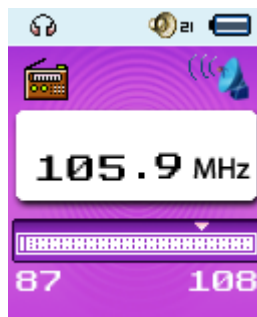
Sub-menu while playing status:

Repeat	Refers to “repeat” in music mode
Tempo rate	Refers to “tempo rate” in music mode
Replay	Refers to “replay” in music mode
Exit	Exit from sub-menu

Sub-menu while stop status:

Local folder	Indicate the folder of present recording file
Delete	Delete recording song
exit	Exit from the sub-menu

11. FM mode



Under main menu, swing [PRE] or [NEXT] button to choose FM mode and press [MODE] to confirm. Press [>II] (play/stop) to save channel. If no channel is saved, you can look for channels by auto or manual searching. Press [MODE] again to get sub-menu as below:

Save	Save currently tuned frequency;
Delete	delete current preset channel;
Delete All	delete all saved channels;
Normal Band	Frequencies from 87MHz---108MHz;
Japan Band	frequencies from 76MHz---90MHz;

Fine record	Turn to recording mode to record present radio and save as WAV file, hold [MODE] to exit recording
long record	Turn to recording mode to record present radio and save as ACT file
Exit	exit from FM sub-menu

Auto search: Holding [PRE] button or [NEXT] button for two seconds will tune frequency upward or downward until a radio station is located then it stop automatically.

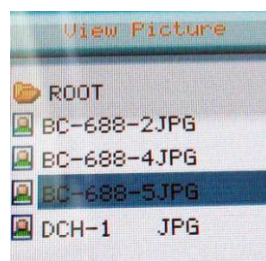
Manual search: swing [PRE] or [NEXT] button to search channel upward or downward one-step

Notice: Normal band and Japan band can store 20 preset channels respectively.

12. Photo



Under main menu, swing [PRE] or [NEXT] button to select Photo mode, then press [MODE] to confirm, screen shows as below:



Press [MODE] button again to enter sub-menu:

local folder	choose the folder where picture is saved;
play set	manual play or auto play(there is a time gap for auto play from 1-10 seconds)
delete,	Delete picture;
exit	Exit from sub-menu

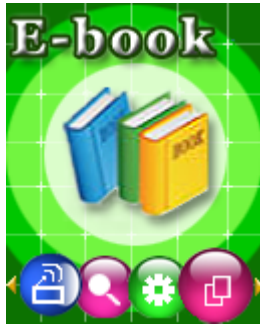
Press [>II] (play/stop) button to display the picture automatically or manually according to previous playing setting.

13. Setup



Clock	Press [MODE] to edit recording time. Swing [NEXT] button and the digit of year will increase; swing [VOL+] button to edit next digit, push [PRE] or [NEXT] button to adjust the digit. Press [MODE] to confirm the setting
LCD set	Brightness: set the bright lever of screen Black: set the time to make screen black when no action on button, from 0---30 seconds. 0 means no black screen Exit: exit from sub-menu
Language	Simple Chinese, English, Trad Chinese, Japanese, French, German, Italian, Dutch, Portuguese, Spanish, Swedish, Czech, Denmark, Polish
Power off	Off time: set self-power off time when the player is stopped and no button is pressed. The time unit is seconds. 0 means set off the function. Sleep time: set self-power off time after last key pressed, regardless of whether the player is active or stopped. The time unit is minutes.
Replay mode	Manual replay; auto replay
Online mode	Multi Drive; Normal only; Encrypted only
Memory info.	Check the memory size and the remaining memory
Firmware version	Display the player's firmware version
Firmware upgrade	Firmware can be upgraded via connection to PC
Exit	Exit from the sub-menu

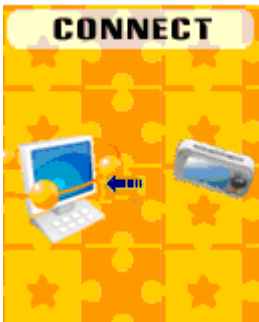
14. E-book



Enter E-Book mode by pressing Mode button, then you can read and edit the article in the device. The device only can recognize the article in “txt.” Format.

15. USB disk function

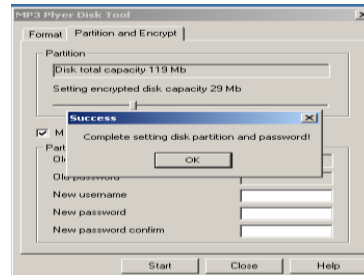
- 1) The player can be a large mobile storage device, supports 128M/256M/512M/GB/2GB/4GBmemory
- 2) Above windows 98 no driver is required, plug and play to the computer
- 3) The player supports USB bus-powered and begins to charge when connecting to PC.
- 4) When connected to a computer, the screen will indicate three different modes while operating:

1.suspending 	2.download 
2.upload 	

16. Encrypt disk function

User can use the software to set partitions for USB disk. One is normal disk,

the other is encrypted disk. (User can see two disk icons in computer. WINDOWS 2K need install SP4, otherwise, user only see one disk icon and selecting [normal only] or [encrypt only] from [online mode] of [system setting]. Encrypted disk would hide all private data, others cannot access data without password.



Notice:

- *Data in encrypted disk cannot be readable in the player.
- *It is necessary for encrypted disk to input user name and password when connecting to computer.
- *Setting partitions will erase data, please backup data in advance . Combining disks would also erase data.
- *Please do not lose username and password. Otherwise, you cannot access encrypted disk. You can combine disks to cancel encrypted disk at risk of damaging data in encrypted one.

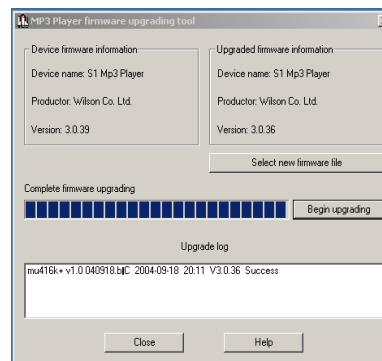
17. Upgrading

Use update tool installed in your computer to update and repair the damaged driver.

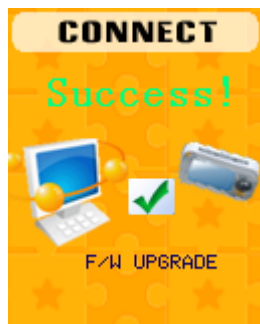
- 1) Connect player to the computer
- 2) Run the software: Start----program-----MP3 Player Utilities ----- MP3 Player Upgrade Tool, click [choose new version firmware] button.



- 3) Select the new firmware driver (from the drive CD or from the website of the supplier). Click [start] button to begin upgrading.



4) When upgrading is successful, the display will indicate successfully upgraded.



5. Find the icon of removable disk in [my computer]. Click the right button of mouse to select [format]. In formatting interface, select FAT system in [file system], then click [start] button to format disk. Notice: formatting disk would erase all the data and please backup data before formatting.

18. Troubleshooting

If the player couldn't play properly, please use trouble-shooting guide to help you.

Symptom	Solution
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The player cannot work	1. Please check the voltage of battery 2. Make sure the power button is on 3. Please check if volume is set to "0" or not and make sure that earphones are connected properly. 4. Damaged music data will make noise in some extent; make sure there are files in the player. 5. choose right FAT file system in dialogue when formatting disk.
The player cannot upload /download files; no disk icon in computer	Please check USB cable is correctly connected. Please properly re-install CD driver if under Win 98
The player cannot record	Please check if memory is sufficient. Please check the battery voltage.
Strange characters are displayed	Please check if the correct language is selected.
FM radio signal is not clear	Readjust the position between player and earphone; earphone can be used as antenna to receive the signal

If you had other difficulties in warranty period, please feel free contact our company to help you solve the problem.

19. Specification

Item	Specification
Transferring data rate	USB2.0
File formats supported	Music: MP1、MP2、MP3、WMA、WMV、WAV Record : WAV Video support:AMV
FM frequency	87MHz—108MHz
S/N rate	85dB
The max output power	(L) 10mW+(R) 10mW (320hm)
Built-in memory	512MB-16GB
Running time	Maximum 6 hours
Operating temperature	-5°C~40°C
Operating System	WINSE/ME/2K/XP, MacOS10.Linux2.4.2 (Only WIN98 needs the CD driver)
Accessories	User Manual, Earphone, Charger, USB cable, Installation CD

Specification and appearance are subject to change without further notice.

Warranty:

Ricatech BV covers all products (Excl. Accessories) with a 2 year warranty applying to all faults caused by a factory-error. External physical damage will not be covered by our warranty

Warranty:	All hardware errors occurring within 2 years after purchase unless caused by points mentioned below.
No Warranty :	Faults caused by: *Dismountal by any other service center then ours. *Firmware upgrade *Water and moisture damage *Drop and bump damage *Usage with non approved Ricatech accessories. *Short-circuit or over-voltage by host computer (PC) *Physical damage, loss or damage to accessories
Out of warranty repairs	Please be so kind to contact us for out-of-warranty repairs. We will provide you with a quotation with the expected costs. Goods out of warranty cannot be returned to your reseller.

CUSTOMER SUPPORT

You can contact the Ricatech customer service when you have a question or a problem with your Ricatech product. You can contact us by telephone and email.

Email

For customer support by email, please send an email to support@ricatech.com. Please make sure that you mention the model number and serial number of the product, mention your name & address and describe your question or problem clearly.

Telephone

For customer support by telephone, please dial +32 3 3265694. One of our service staff will be ready to serve you.

For full procedure please visit the website of Ricatech at: www.ricatech.com