



user **manual**

TC1401
TC1402



It is important to read this instruction book prior to using your new product for the first time.

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Important Information

WARNING

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.



This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

To reduce risk of injury, charge only rechargeable batteries recommended by the manufacturer for this player. Other types of batteries may burst causing damage and personal injury.

Technical specification

Product: RCA player

Brand: RCA

Model: TC1401/TC1402

Electrical rating

DC : 1.5V AAA/LR03 battery

ESD Remark:

In case of misfunction due to electrostatic discharge just reset the product (disconnect and reconnect of the power source may be required) to resume normal operation.



RCA
TC1401



RCA
TC1402

Important Information

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

FEDERAL COMMUNICATIONS COMMISSION INFORMATION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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 communications. 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 different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

In accordance with FCC requirements, changes or modifications not expressly approved by Thomson Inc. could void the user's authority to operate this product.

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la class B est conforme à la norme du NMB-003 du Canada

Manufacturer/Responsible Party

Thomson, Inc.
P.O. Box 1976
Indianapolis, IN 46206-1976
(317) 587-3001

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The software embedded within your A/V Device (the "Device Firmware") contains software licensed from Microsoft that enables you to play Windows Media Audio (WMA) files ("WMA Software"). The WMA Software is licensed to you for use with your A/V Device under the following conditions. By installing and using this version of the Device Firmware, you are agreeing to these conditions. IF YOU DO NOT AGREE TO THE END USER CONDITIONS OF THIS SECTION 7, DO NOT INSTALL OR USE THIS VERSION OF THE DEVICE FIRMWARE. The WMA Software is protected by copyright and other intellectual property laws. This protection also extends to documentation for the WMA Software, whether in written or electronic form.

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Content providers are using the digital rights management technology for Windows Media contained in your A/V Device ("WM-DRM") to protect the integrity of their content ("Secure Content") so that their intellectual property, including copyrights, in such content is not misappropriated. Your A/V Device uses WM-DRM software to play Secure Content ("WM-DRM Software"). If the security of the WM-DRM Software in your A/V Device has been compromised, owners of Secure Content ("Secure Content Owners") may request that Microsoft revoke the WM-DRM Software's right to acquire new licenses to copy, display, and/or play Secure Content. Revocation does not alter the WM-DRM Software's ability to play unprotected content. A list of revoked WM-DRM Software is sent to your A/V Device whenever you download a license for Secure Content from the Internet or from a computer. Microsoft may, in conjunction with such license, also download revocation lists onto your A/V Device on behalf of Secure Content Owners.

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If you acquired this A/V Device in the United States, this EULA shall be governed and construed in accordance with the laws of the State of Indiana, U.S.A. without regard to its conflict of laws principles. If you acquired this A/V Device outside the United States or the European Union, then local law may apply.

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Before You Begin

Dear RCA Customer,

Thank you for purchasing the RCA Player. This player will play open mp3 and Windows Media™ audio (WMA) content as well as content purchased from most online music download services.

After purchasing and downloading music to your PC, you are now ready to move content to your player. To transfer the music to your player, you may use Windows Media Player or the application recommended by the online music download service.

(Note: Services and applications must be Windows Media audio-compliant and support Digital Rights Management. Windows XP (SP1 or higher) required.)

Unpacking your player

Your player came with everything you need to make music portable — all of the items shown below should have been packed in the box with your player.



- RCA Player



- 1 x AAA battery



- Quick Start Guide



- Earphones

- User Manual Softcopy

This document is stored inside the player and can be downloaded at <http://www.rcaaudiovideo.com/downloads>

Explore a world of accessories! Jump on the Internet and go to www.rcaaudiovideo.com to discover the additional accessories that are available for your player.

Illustrations contained within this publication are for representation only and subject to change.

Before You Begin

Things to consider before you get started...

Computer system requirements

- Pentium III 500MHz or higher recommended
- Microsoft Windows® XP or Windows® 2000
- Internet Explorer 6.0 or higher
- Internet access (broadband recommended)
- 250MB free hard disk space for the software
- 128MB RAM (256MB recommended)
- CD drive capable of digital audio extraction
- USB port (2.0 recommended)
- Sound card

Warning

Use of this player is for your personal use only. Unauthorized recording or duplication of copyrighted material may infringe upon the rights of third parties and may be contrary to copyright laws.

Caution

- Keep player out of direct sunlight. Exposure to direct sunlight or extreme heat (such as inside a parked car) may cause damage or malfunction.
- Do not expose to rain or moisture.

Caution while driving

Use of headphones while operating an automobile or moving vehicle is not recommended and is unlawful in some states and areas. Be careful and attentive on the road. Stop operation of the player if you find it disruptive or distracting while driving.

Back up your data

As with any portable device with internal memory or storage, you must back up the data regularly. RCA and Thomson are not responsible for lost data.

Getting Started

Installing the Battery



1. Remove the USB port cover.
2. Push and slide out the battery compartment cover.
3. Install the battery. Match the + and - signs on the battery to the signs on the battery compartment.
4. Re-install the battery compartment cover.

Connecting to the Computer



Caution: BEFORE YOU START

- Make sure that the player is off and disconnect the earphones.
- Make sure the player is not locked. If the player is locked while you power it on, the screen displays "Locked" and the player will automatically power off after a few seconds.

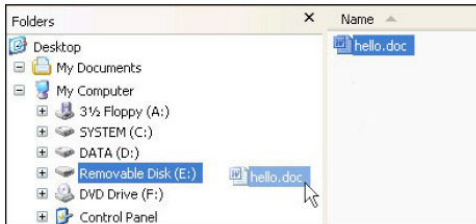


Getting Started

1. Remove the USB port cover and disconnect the earphones.
2. Connect the player to one of your computer's USB ports.
3. The screen displays "USB Connected", indicating that the player is in USB mode.
4. On your computer's desktop, right-click on the My Computer icon and select Explore. The player will be automatically recognized as a removable media device (Microsoft® Windows® 2000 and XP).




5. Transfer files to or from the player using Windows Explorer. To do so, drag and drop your files to the player as shown below:



Note: You can also organize your music files into folders before transferring them to your player. – refer to page 24.

Removing the player from your computer

1. Right-click on the Safely Remove Hardware icon  in the taskbar (next to the clock).
2. Click on Safely Remove USB Mass Storage Device.
3. Wait until a Safe to Remove Hardware message is displayed.



4. Remove the player.

Getting Started

Powering ON/OFF



Caution: Before turning on the player, make sure the player is not locked. If your player is locked when you power it on, the screen displays “Locked” and your player automatically turns off after a few seconds. To unlock it, simply slide the hold switch backwards.

- To power on your player, press ►|| briefly .
- To power off, press and hold ■ until the progress bar is full and the screen turns black.

Caution

- When storing the unit, be sure to remove the battery because it may leak and damage the unit.
- Batteries may leak electrolyte if inserted incorrectly, if disposed of in fire, or if an attempt is made to charge a battery not intended to be recharged.
- Discard leaky batteries immediately. Leaking batteries may cause skin burns or other personal injury.
- Do not charge batteries which are not intended to be recharged.
- Dispose of batteries, according to federal, state and local regulations.

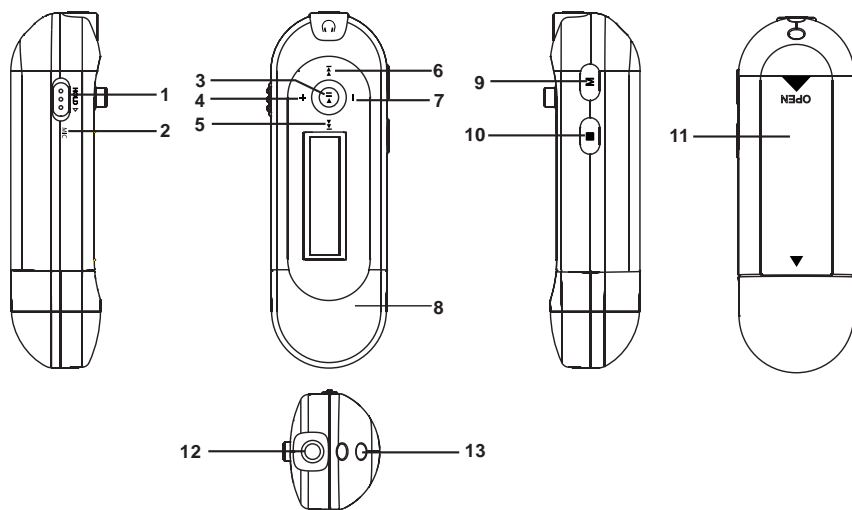


Caution:

- Risk of explosion if battery is replaced by an incorrect type.
- Dispose of used batteries according to the instructions.

Controls and Display

Controls



1. **HOLD** (hold switch)

- Slide to lock the controls and prevent any accidental operation while recording or playing.
- Slide backward to unlock.

2. **MIC** Microphone

3. **►||** Play / Pause / Power On

- Press to turn the player on.
- In playback mode, press to play a track. During playback, press to pause and again to resume playback.
- In browsing mode, slide up/down/right/left to scroll.

4. **+** Volume up

- Slide the **►||** button to **+** to increase the volume level.

5. **◀◀** Skip backward / Fast rewind

- Slide the **►||** button to **◀◀** to go to the previous file/menu item; slide and hold to fast-rewind a file.

6. **▶▶** Skip Next / Fast Forward

- Slide the **►||** button to **▶▶** to go to the next file/menu item; slide and hold to fast-forward a file.

Controls and Display

7. – Volume down

- Slide the ► button to – to decrease the volume level.

8. USB Port Cover

9. **M** Menu button

- Press to access the Main Menu (Music, Record, Voice, Navigation, Settings).

10. ■ Stop / Power Off

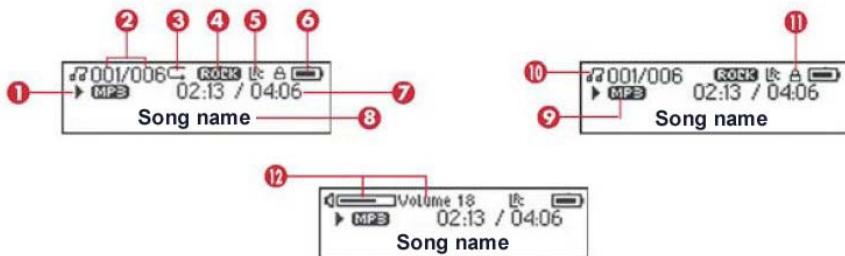
- Press to stop playback. Press and hold to turn the player off.

11. Battery compartment

12. Headphone jack

13. Neck strap hole

Display



1. Play/Pause/Stop/Rec status

2. File number / Total files

3. Repeat mode

4. Equalizer mode

5. Synchronous lyric display

6. Battery indicator

7. Elapsed time / Total file time

8. ID3 Tag (track name/lyrics) display

9. Music type

10. Music mode/Voice mode

11. Hold icon

12. Volume

Transferring Music

Installing Windows Media Player

It is recommended that you install Windows Media Player to enjoy all the features of your player:
Download the appropriate version from Microsoft's website:

1. In "Select Download", choose Windows Media Player.
2. In "Select Version", select the appropriate version:
Player 10 (for Windows XP)
Player 9 Series (for 2000)
3. Follow the instructions to finish the download.
4. Once the download is completed, double-click on the "exe" file to start the installation.

Windows Media Player 10 Overview



1. **Now Playing** Watch/listen to currently playing media.
2. **Library** Create playlists and manage your media files.
3. **Rip** Copy CD Audio tracks to WMA format.
4. **Burn** Copy MP3/WMA tracks to a recordable CD.
5. **Sync** Copy MP3 or WMA tracks to your player.
6. **Guide** Search for media (music, movies, etc.) online.

Transferring Music

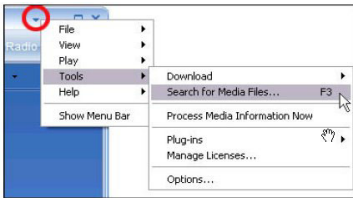


Note: The instructions below apply to Windows Media Player 10. If you are using another version, please refer to the Help section on your program.

Adding Audio Files to your Media Library

Windows Media Player will automatically gather all mp3 and/or wma files on your computer into a media library, where they can be played, edited, burned to CD, or copied to your digital audio player.

1. On your computer, open Windows Media Player 10 and click on the small triangle in the upper right corner. Select Tools and then click on Search for Media Files. Alternatively, press the F3 key on your keyboard.



2. In the "Look in:" dialog box, browse to the drive and folder where your music files are stored.
3. Click on Search.



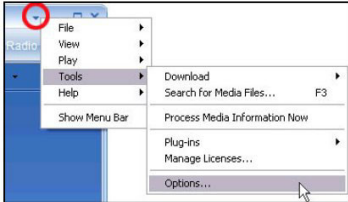
4. Windows Media Player will automatically add all files in the selected folder(s) to your library.
5. When searching is complete, click on *Close*.

Transferring Music

Converting CD tracks to MP3

Converting CD tracks to mp3 is often called “ripping a CD”. Use Windows Media Player to build your music library by encoding your audio CDs to music files.

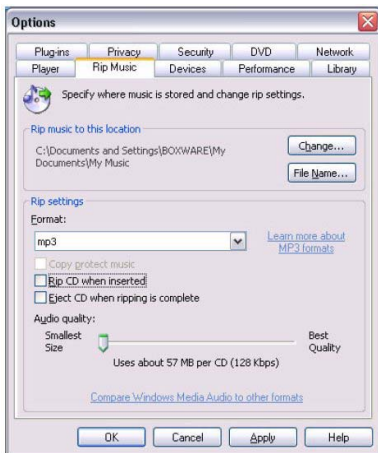
1. On your computer, open Windows Media Player 10 and click on the small triangle in the upper right corner. From this menu, select *Tools* and then *Options...*



2. In the Options dialogue box, click on the *Rip Music* tab.

Under Rip settings, set the Format to mp3.

Under Audio quality, you can set the recording quality by dragging the slider. By default, it is set to smallest size. This quality will be sufficient for your mp3 player. You can set the quality to a higher setting, but then you can store fewer songs on your player.



3. Click on *OK* to confirm.

Transferring Music



Note: WMP10 is now properly set up to convert audio tracks from CD to mp3 files. WMP10 can also retrieve the album, title, artist name and track names from the Internet. This kind of information, also called ID3 tag, will automatically be added if you have an active Internet connection, or you can add it manually. This information, which will be embedded in the mp3 or wma files, will be used to store the files in their own folders with clear names.

4. To start ripping your CD to mp3 audio files, insert an Audio CD into the CD or DVD drive on your computer. The following window should appear, allowing you to choose among several options:



5. Select *Rip music from CD using Windows Media Player*. WMP will automatically start ripping all audio tracks from the CD to your *My Music* folder. Inside this folder, it will automatically create a sub-folder for the artist name and a second folder with the album title.
6. In case you do not get this screen, perform the following steps to start the process:
 - Start Windows Media Player 10 and click on the *Rip* tab in the top button bar. The contents of the CD will be displayed. By default, all tracks are checked. Uncheck any track you do not want to encode into a music file.
 - Click on the *Rip Music* button to begin encoding the selected tracks.



Transferring Music

7. Once all the tracks are “Ripped to library”, the CD can safely be taken out from your drive.
8. When finished, Windows Media Player will automatically add the new tracks to your library.



You can change your track encoding options by selecting Tools > Options > Rip Music.

Converting CD tracks to WMA

By default, Windows Media Player 10 will convert your audio tracks to WMA file format (Windows Media Audio).

WMA is very similar to MP3 and the MP3 player described here supports WMA-playback.

The process to convert an audio CD to WMA tracks is almost identical to Windows Media Player 10, except for the names used. The option “Rip Music” is called “Copy from CD”. The option to start ripping directly after inserting a CD is not available on Windows 2000.

If you encounter problems to playback WMA files on the player, try the following setting and then transfer the WMA files to the player again.

1. Connect the player to your computer.
2. In the Windows Media Player, select *Tools* and then *Options*.
3. Select the *Device* tab.
4. Highlight this player “RCA_MPCF2488_US” in the device list and then click *Properties*.



5. Select the *Quality* tab.
6. Uncheck the option “Convert music, pictures, videos and TV shows as required by this device (recommended)”.



7. Click *Apply*.

Transferring Music

Transfer Audio Files to your Player



Caution: BEFORE YOU START:

- Make sure that your player is off and disconnect the earphones.
- Make sure the player is not locked.

If the player is locked when you power it on, the screen displays “locked” and the player will automatically power off after a few seconds.

Note: Your player does not support copy-protected (DRM) files. Make sure that the music you transfer to your player is not copy-protected.

1. Connect the player to one of your computer's USB ports.



2. The screen displays “USB Connected”, indicating that the player is in USB mode.



3. On your computer, open Windows Media Player 10 and click on the *Sync* tab in the top button bar.
4. Click on *Edit Playlist* to add the tracks to be transferred to your player. Click on *OK* once all the desired tracks have been added.
5. You should now see the tracks you wish to transfer to your player listed and checked on the left side of the Windows Media Player screen under “Sync List”. If you wish not to transfer any of the listed tracks, uncheck them.
6. Click on *Start Sync*. The selected track(s) are copied to the player.
7. After the files have been copied, unplug the player from your computer using the “Safely remove hardware” icon in the Notification Area (next to the clock). You can now listen to your music or transfer your data to another computer.

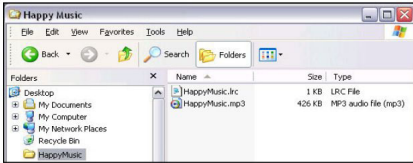


Transferring Music

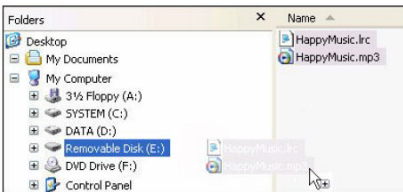
Lyrics Edit

The player supports lyric files in LRC format.

1. Prepare the mp3 or wma music file you want to edit, for example "happymusic.mp3".
2. Download the corresponding lyric file from the Internet. The file must be in the LRC format, for example "happymusic-2004.lrc".



3. Rename the lyric file in its original mp3 name ("happymusic.lrc") and copy both files and lyrics to the player.



4. When lyrics are available for music files, the lyrics display synchronously on the screen while the music is playing.



Caution: Make sure the music and lyric files are saved in the same directory and under the same file name. If not, the player will not recognize the lyric file and only the ID3 tag information such as Artist, Album or Track name will be displayed.

Note: Your player only supports *.lrc files. If the lyrics do not synchronize with the music, please download another music file from the Internet and try again.

Deleting files from the player

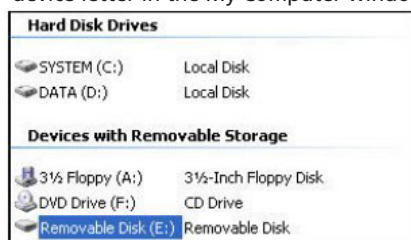
For any files you have transferred to the player, you may delete them while you have connected the player with your computer. Highlight the unwanted file in the player's file directory on your computer and press the delete key on your computer to delete the file.

Alternatively, you may also delete the file from player, refer to the section *Navigation* on page 27 for details.

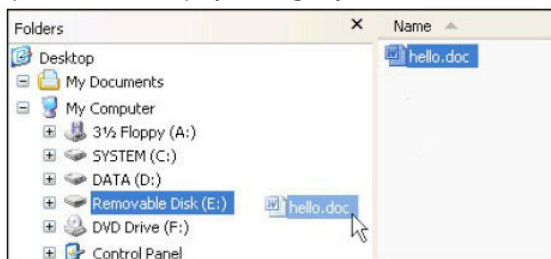
Using your Player as Mass Storage Device

Instead of using Windows Media Player, you can simply drag and drop files to the player, which appears as a removable hard drive on your computer. Using this method, any type of file (homework, presentations, pictures, etc.) can be placed on the player as if it were a portable drive. However, only mp3 and wma files will playback while stored on the player.

1. Connect the player to your computer.
2. Double-click on the My Computer icon on your Windows desktop. Windows XP users may need to click on the Start button and select My Computer from the menu.
3. Your player has been recognized as a Mass Storage Device and automatically displays as a new device letter in the My Computer window.



4. You can now drag and drop your files from your computer to the player. You can also copy and paste files to the player using any standard Windows method.



5. After the files have been copied, unplug the player from your computer.

Using your Player as Mass Storage Device

Performing a backup

It is recommended that you regularly backup your player's contents to a different location (on your computer, CDs, DVDs...). In that way, you will be able to use the backup copies of your files if you loose them accidentally, format your player or perform a firmware upgrade.

1. Repeat steps 1 to 3 in the previous section.
2. Drag and drop the files stored on your player to the disk or drive where you want to store the duplicate copy.
3. After the files have been copied, unplug your player from your computer.
4. If you accidentally loose or damage the files stored on your player, you will then be able to copy them back to your player.

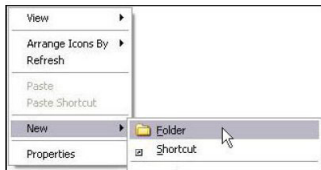
Creating Playlist Folders

Before transferring your music files to your player you can organize them into folders and create your own playlists.

1. In *My Computer*, click on *File*. Point to *New* and click on *Folder*.



You can also create a new folder by clicking a blank area in the window, pointing to *New*, and then clicking *Folder*.



2. Type a folder name and press *Enter*.
3. Copy your music files to the folder. Repeat these steps to create folders and sub-folders.
4. After the files have been copied, unplug the player.
5. You can now use the Navigation folder to browse your music on your player.



Note: You can create up to 50 directories organized in up to 19 sub-folders, and store up to 300 music files on your player. If you create or store more files and folders, the extra items will be ignored.

You can store up to 254 files in one directory. If you store more than 254 files in one directory, you will only be able to view the first 254 in navigation mode. However, you will still be able to play the extra files in Music mode.

Playback

Listening to your mp3/wma Music Files

1. Follow the instructions for the transfer of data to and from the player to copy your music files to your player.
2. Install the supplied battery into the battery compartment and connect the supplied earphone(s) to the earphone jack.
3. Press **▶** to power on the player and press again to start the playback.



4. Slide to **⏮** or **⏭** to skip to the previous or next file. Slide and hold during playback to fast rewind or forward a file. Slide to **⏮** within the beginning 5 seconds of the current file to skip to previous file. Otherwise, you will return to the beginning of the current file.
5. Press **■** to stop the playback.

Volume

During playback, simply slide to **+** or **-** to increase or decrease the volume. The volume indicator on the screen changes accordingly.



Locking your player

To ensure no button is pressed accidentally while recording or playing, you can use the Hold function to lock your player:

- To activate the hold function and lock your player, slide the Hold Switch. The hold indicator will appear on the screen.



- To unlock it, simply slide it backwards.



Note: If the player is locked when you power it on, the screen displays "Locked" and the player will automatically power off after a few seconds.

Playback

Synchronizing Lyrics Display

The player supports lyric files in LRC format. Refer to page 21 for more information.

When lyrics are available for music files, the LRC icon displays and the lyrics display synchronously on the screen while the music is playing.








Note: Make sure the music and lyric files are saved in the same directory and under the same file name. If not, the player will not recognize the lyric file and only the ID3 tag information such as Artist, Album or Track name will be displayed.

File Browsing

- To enter the Menu, press **M**.
- To browse the menu items, slide to **◀◀** or **▶▶**.
- To enter a menu or apply a choice, press **▶▶**.
- Press and hold **M** for a while and release it to return to the normal playback screen.

Menu Structure

Menu	Screen display	For details:
Music		page 24
Record		page 28
Voice		page 30
Navigation		page 27
Settings		page 31-33

Navigation

The navigation menu allows you to browse and manage the folders and files stored in your player.

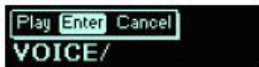
1. Press **M** and select Navigation from the Menu.
2. Slide to **◀◀** or **▶▶** to select a file or folder and press **▶▶** to play the music or enter the folder.
3. In navigation mode, press **■** to go back to the previous screen.



1. Return to the previous level
2. Selected folder
3. Music files
4. More files for selection
5. Selected folder name

When a folder is selected in navigation mode, press **M**. A sub-menu will show:

- To enter the folder, select *Enter*.



- To play the music stored in the folder, select *Play*.



- To erase the selected file, select *Delete*. Slide to **◀◀** or **▶▶** to select between Yes and No and press **▶▶** to confirm.



File Deleted

File Browsing

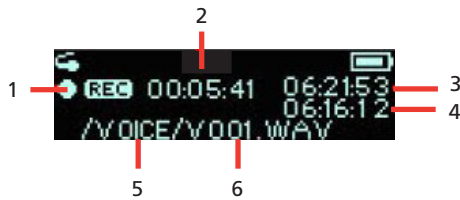


Warning: Erased files cannot be recovered. Make sure you have a backup before you proceed.

Note: You can create up to 50 directories organized in up to 19 sub-folders, and store up to 300 music files on your player. If you create or store more files and folders, the extra items will be ignored.

You can store up to 254 files in one directory. If you store more than 254 files in one directory, you will only be able to view the first 254 in navigation mode. However, you will still be able to play the extra files in Music mode.

Recording



1. Recording status
2. Elapsed time
3. Total time
4. Remaining time
5. Folder name
6. File name

Recording from the Built-in Microphone

The player allows you to record from the built-in microphone. Note the location of the built-in microphone.

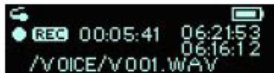
1. Press **M** and select *Record* from the Menu.



2. Slide to **◀** or **▶** to highlight Yes and press **▶** to confirm. The recording starts automatically.



3. Press **■** or **M** to stop recording and enter the voice mode. Your voice recording will be automatically renamed as a Vxxx.wav file and stored in the Voice folder.



Note: The display will show "MEMORY FULL" when all available memory has been used.

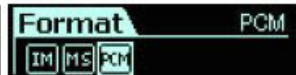
Adjusting Recording Settings

This option allows you to adjust the settings for the recordings.

1. Select *Record* from the settings menu and press **M**.



2. Select the file format of your recording.



Note: The recording formats are only slightly different. It is not recommended to change this setting.

Recording

3. Select the sampling frequency of your recording. A higher recording sampling frequency brings better recording quality but will use more storage space.



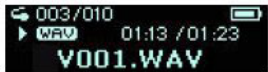
Sampling Frequency	Maximum recording time	Maximum recording time
8000 Hz	TC1401	TC1402
11025 Hz	64 hours	128 hours
16000 Hz	46.4 hours	92.8 hours
22050 Hz	32 hours	64 hours
32000 Hz	23.2 hours	46.4 hours
	16 hours	32 hours

Playback of Microphone Recordings

1. Select *Navigation* from the menu and browse for the *VOICE* folder. Press ► to enter.



2. Slide to ◀ or ▶ to find the Vxxx.WAV file you want to listen to.
3. Press ► to play the recording.



Settings

Adjust Settings

To navigate in the Settings menu:

1. Press **M** to enter the menu.
2. Select settings from the menu and press **▶||**.



3. Slide to **◀◀** or **▶▶** to select the setting you wish to adjust and press **▶||** to confirm.
4. Press and hold **M** for a while and release it to return to the normal playback screen.

Equalizer

The Equalizer (EQ) setting is used to adjust the music playback effect.

1. To change the equalizer setting, select *Equalizer* from the settings menu. To navigate, follow the steps described above.



2. Slide to **◀◀** or **▶▶** to choose among the six EQ presets available: Normal (no logo displayed), XBass, Rock, Jazz, Classical and Pop.



3. Press **▶||** to apply.

Repeat Mode

Five repeat modes are available: Normal, Repeat One, Repeat All, Random, Random All.

1. Select *Repeat* from the settings menu. To navigate, follow the steps described above.



2. Slide to **◀◀** or **▶▶** to select one of the repeat modes and press **▶||** to apply.



- Random and Random All modes are available for music playback only.

Settings

Contrast

To adjust the display contrast:

1. Select *Contrast* from the settings menu. To navigate, follow the steps described above.



2. Slide to ◀ or ▶ to adjust the level. Press ▶ to apply and return to the settings menu.



Backlight - Timer Adjustment

After being idle for a few seconds, the device can automatically turn off the backlight to save power. To wake the backlight up, just press any button.

1. Select *Backlight* from the settings menu. To navigate, follow the steps described on page 31.



2. Select *Timer* from the Backlight menu.



3. Slide to ◀ or ▶ to adjust the delay before backlight is switched off. Choose among the options: 3, 5, 10, 15 seconds and Always on (backlight will always be turned on).
4. Press ▶ to apply.

Power Savings

You can use the power savings function to automatically turn off the player after a predetermined period of inactivity.

1. Select *PowerSavings* from the settings menu. To navigate, follow the steps on page 31.



2. Slide to ◀ or ▶ to select amongst the options (Off, 1, 2, 5, 10, 15 minutes) and press ▶ to apply.



Note: If you choose "Off", the player will not power off until the battery is completely exhausted.

Settings

Default Settings

You can reset all settings to factory default settings.

1. Select *Default* from the settings menu. To navigate, follow the steps described on page 31.



2. Press ► or M to load the default settings to your player.

Language

You can display the interface of your player in several languages.

1. Select *Language* from the settings menu. To navigate, follow the steps described on page 31.



2. Slide to ◀ or ▶ to select among the options: English (default), Français (French), Español (Spanish), Deutsch (German), Italiano (Italian) and Nederlands (Dutch) and press ► to apply.



Information About your Player

Information is available regarding the firmware version, built-in memory size and free memory size.

1. Select *About* from the settings menu. To navigate, follow the steps described on page 31.
2. The firmware version and the total memory capacity display. Slide to ◀ or ▶ to view the free memory space
3. Press M to exit this screen and return to the settings menu.



Note: To learn more information on your player, check out the Specifications section in this user manual.

Advanced Features

Upgrading your Player (Firmware update)

Should you encounter problems with your player, you may be able to repair it yourself by updating its firmware. Firmware updates can fix bugs in the player and improve its performance. You should regularly check the RCA Website www.rcaaudiovideo.com for the latest Firmware updates available. Downloading the upgrade and installing it on your player is easy and will only take a few minutes.



Caution: Installation of the drivers is required if you wish to update the firmware of the player.

Note: The 'firmware' is an embedded program that displays the interface and responds to instructions. Firmware updates may be available to improve performance or add features.

You can download the firmware from <http://www.rcaaudiovideo.com/downloads>.

For best performance, we recommend that you select the Format Data Area option to format both the firmware and the storage space. When not selected, only the firmware will be updated. When finished, please format the player.

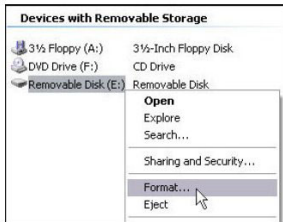
If you upgrade your firmware, some of the instructions in the supplied documentation may no longer be applicable.

Warning: Formatting will erase all files on your player. Make sure you have a backup before you proceed.

Advanced Features

Formatting the Player

1. Connect the player to the computer.
2. Right-click on the player icon in My Computer and select Format.



3. Click on Start in the format window, and then click on OK to start formatting the mp3 flash memory.



Warning: Formatting will erase all files on your player. Make sure you have a backup before you proceed.

Make sure "NTFS" under File System drop-down menu is not selected! If you select this option the "RCA player" will display an error message before powering off and you will have to format it again. Check out the Troubleshooting section for more details.

Additional Information

Troubleshooting

- The display shows nothing after turning on the player.
 - Check to see if the battery has been inserted.
 - Check to see if the battery needs replacement: Try reinserting the battery correctly or replace it. If it still does not work, put the player in recovery mode:
 1. Take out the battery from the battery compartment.
 2. Press and hold ►||. Do not release it until step 4.
 3. Plug the player into the USB port of your computer.
 4. Hold for 5 seconds and release ►|| once the computer has detected the player.
 5. Leave the player in the USB port for the next step (Upgrading the Firmware + Formatting the player).



Note: If the Firmware Upgrade utility does not recognise your player after searching for several minutes, click on Cancel and repeat steps 1 to 5 to make sure the player is in recovery mode.

- The player displays an error message before powering off.

Incorrect format
Reformat the player!

- If you have formatted your player to NTFS format, the above message will display and your player will power off automatically. You must reformat it to FAT or FAT32 format.
- Why can't I play DRM protected files?
 - WMA (Windows Media Audio) supports Digital Right Management (DRM) to prevent audio files to be copied, written to CD etc. **Your player does not support WMA-DRM files.** Use Windows Media Player to check if a file is protected or not. To do so, right-click on the file in Windows Media Player and select Properties. Then check the License tab to get more information on the license type. If the file is protected, you will not be able to play it on your player.
- Problem: Cannot delete files on the player.
 - Refer to page 27 (Navigation) for details.
- Why can't I play WMA files in the player?
 - You may need to refine your settings in the Windows Media Player, please refer to page 19 for details.

Additional Information

Specifications

Hardware

- Dimensions: 82mm H, 27 mm W, 20 mm D / 3.3 (H), 1.1 (W), 0.8 (D) inches
- Unit Weight: 24 g / 0.85 oz
- Battery Operated: 1 x AAA battery.

Flash

- TC1401: 1024MB, TC1402: 2048MB (6 MB reserved for firmware and system management)

Power

- 1 x AAA battery
- Battery continuous playing time: up to 15 hours

Equalizer

- Normal, XBass, Rock, Jazz, Classical, Pop

Display

- 128 x 32 Dot-matrix OLED
- ID3 Tag display (album, artist, title)
- Synchronous lyric display

Controls

- Power On / Play / Pause / Select
- Stop / Power Off
- Skip Next / Fast Forward
- Skip Previous / Fast Rewind
- Menu button
- Volume +
- Volume –
- Hold Switch

Audio Playback

- Windows Media Audio (WMA)
- MPEG Audio Layer 3 (MP3)
- WAV

Voice Recording

- 8 KHz to 32 KHz sampling rate
- about 64 hours recording (at default setting, i.e. 8 KHz)
- Recording via on-board microphone

Additional Information

Signal to Noise Ratio

- >85 dB, A-weighted

Frequency Response

- 20 Hz ~ 20 kHz

Total Harmonic Distortion Output

- => THD (<0.1%)

Check for updates

Visit <http://www.rcaaudiovideo.com> for the latest news and firmware upgrades for our digital media player.

Additional Information

Limited Warranty (For Canada)

Thomson multimedia Ltd. warrants to the purchaser or gift recipient that if any manufacturing defect becomes apparent in this product within 1 year from the original date of purchase, it will be replaced free of charge, including return transportation.

This warranty does not include damage to the product resulting from accidents, misuse or leaking batteries.

Should your product not perform properly during the warranty period, either:

1. Return it to the selling dealer with proof of purchase for replacement,

OR

2. Call 1-800-522-0338 (English) or 1-800-522-0445 (French) for instructions concerning where to mail the product

The provisions of this written warranty are in addition to and not a modification of or subtraction from the statutory warranties and other rights and remedies contained in any applicable legislation, and to the extent that any such provisions purport to disclaim, exclude or limit any such statutory warranties and other rights and remedies, such provisions shall be deemed to be amended to the extent necessary to comply therewith.

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