INSTRUCTION MANUAL

Model: ITCR-3000
Cassette to MP3 Converter
IMPORTANT SAFETY INSTRUCTIONS

1. Read and follow the instructions in the manual.
2. Keep this manual in a safe place for future reference.
3. Remove all packaging materials from unit. Check to make sure that you have removed all supplied components before discarding the box and packing.
4. Choose unit installation location carefully. Avoid placing it in direct sunlight or close to a source of heat. Also avoid locations subject to vibrations and excessive dust, cold or moisture. Keep away from sources that hum, such as transformers or motors.
5. The apparatus should not be exposed to dripping or splashing, and no objects filled with liquids such as vases, should be placed on the apparatus. Do not place any flame sources such lighted candles on top of the apparatus.
6. Do not block any ventilation openings. Always leave adequate space for ventilation.
7. Clean the cabinet regularly only with a soft cloth slightly moistened with a mild detergent solution. Do not use strong solvents which damage to housing.
8. The main plug is used as the disconnect device. The disconnect device should remain readily accessible.
9. If the unit is not used for a period of time, unplug the unit and take batteries away from the unit. Store the batteries in a cool dry area.
10. If it is lightening, unplug the USB cable to prevent the unit from unnecessary damages.
11. Never take batteries apart. Do not put batteries under the direct sunlight, nor throw them into fire or heater.
12. Refer all servicing to qualified service personnel. Servicing required when the apparatus does not operate normally or has been damaged in any way such as the power cord or plug is damaged, liquids spilled into the apparatus, any hard object fallen on the apparatus, the apparatus has been dropped, the apparatus has been exposed to rain or moisture.
13. The marking information is located at the bottom of the apparatus.
14. Attentions should be drawn to the environmental aspects of batteries disposal.
15. Use the apparatus in moderate climates.

Caution:
Use of controls, adjustments and performance of procedures other than those specified herein may result in hazardous radiation exposure.

Important:
The normal function of the product may be disturbed by strong Electro-Magnetic Interference. If so, simply reset the product to resume normal operation by following the instruction manual. In case the function could not resume, please use the product in other location.
CASSETTE TAPE MAINTENANCE:

TAPE HANDLING:
Do not store tapes in the following places:
1. On top of heaters, exposed to direct sunlight or in any other places with high temperatures.
2. Near speakers, on TV sets or amplifiers or where they would be exposed to strong magnetic fields.
3. Where humidity is high and in dirty, dusty places.
4. Avoid dropping or subjecting cassettes to excessive shocks.
5. As C-120 tapes are physically weak and could become entangled in the transport mechanism, do not use them.

LOADING A CASSETTE TAPE:
1. Use your finger or a pencil to turn the cassette hub and take up any slack tape.
   Note: Do not touch the tape because fingerprints attract dust and dirt easily.
2. Open the cassette door manually.
   Note: Do not open the cassette holder during recording or playback.
3. Load the cassette tape with its open edge facing up.
4. Gently close the compartment door.

MAINTENANCE:
The heads and tape path should be cleaned and demagnetized periodically (Cleaning materials not supplied).

CLEANING TAPE PATH:
Apply head cleaning fluid to a cotton swab or soft cloth, and lightly rub the heads, capstan and all metal parts in the tape path.
Also clean the pinch roller using a cleaning fluid designed for rubber products.

DEMAGNETIZING HEADS:
Be sure that the power is off, and then demagnetize the heads using a demagnetizer (not supplied). For details usage of the demagnetizer, read its instructions.
LOCATION OF CONTROLS

1. PLAY BUTTON
2. FAST REWIND BUTTON
3. STOP BUTTON
4. CASSETTE DOOR
5. RESET BUTTON
6. SCAN BUTTON
7. DC INPUT JACK
8. BATTERY COMPARTMENT
9. VOLUME KNOB
10. FUNCTION SWITCH
11. EARPHONE SOCKET
12. MINI USB DEVICE JACK

POWER SUPPLY

When NOT connected to a computer:

- DC powered: Connect one end of the AC/DC adaptor (not supplied) into the DC IN socket at the side of the unit. Connect the other end into any AC outlet.
  
  **NOTE:** The specification of the AC/DC adaptor is DC 3V, inner + outer -.

- Battery powered: Open the battery door and then place 2 ‘AA’ size batteries (not supplied) into the battery compartment. Be sure to match the battery polarity shown on the compartment (+/-). Then close the battery door.

  **NOTE:** To prevent possible damage to this unit:

  * Load new batteries with their polarities (‘+’ and ‘-’) aligned correctly.
  * Do not apply heat to batteries, or internal short circuit may occur.
  * If this unit is not to be used for a long period of time, remove all batteries and store them in a cool and dry place.
  * Remove old, drained batteries immediately and dispose of them.

When connected to a computer:

**NOTE:** Remove batteries while connected to computer.

- USB powered: Connect one end of the USB cable (included) to the mini USB socket on the unit. Connect the other end into the USB socket on your computer.
LISTENING TO A TAPE

The cassette does not have a fast forward button, if you need to fast forward to the specified part, flip the tape, press fast rewind button, then flip the tape back.

1. Slide the FUNCTION switch to ‘TAPE/OFF’ position.
2. Turn VOLUME knob to lowest position. Then plug in your headphone. Re-adjust the VOLUME knob to a comfortable sound level without any distortion. Once you’ve set your sound level, please leave the volume alone.
   
   **NOTE:** Since hearing damage from loud noise is usually undetectable until it is too late, be sure the volume level is not too high.

3. Open the cassette door manually.
4. Load a cassette tape with the open edge facing upward and full reel on the right. Then gently close the cassette door.
5. Press the PLAY (▶) button. At the end of the cassette tape, the tape will stop and the PLAY button will be sprung back automatically.

To fast rewind the tape:
- Press the FAST REWIND button to rewind the tape, when it reaches to the specified part, press STOP button.

To fast forward the tape:
- Flip the tape and then press the FAST REWIND button to advance the tape. When it approaches to the specified part, stop the rewind and flip the tape back.

To stop the playback or rewind:
- Press STOP button.

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LISTENING TO A RADIO (FM)

1. Slide the FUNCTION switch to ‘RADIO’ position.
2. Turn VOLUME knob to lowest position. Then plug in your headphone. Re-adjust the VOLUME knob to a comfortable sound level without any distortion. Once you’ve set your sound level, please leave the volume alone.
   
   **NOTE:** Since hearing damage from loud noise is usually undetectable until it is too late, be sure the volume level is not too high.

3. Press SCAN button to tune to a nearby station automatically.
   
   **NOTE:** The earphone acts as an FM antenna, extend the earphone wire or sit near a window to improve the reception.

4. To reset the setting for the radio, press RESET button.
5. To turn the radio off, slide the FUNCTION switch to ‘TAPE/OFF’ position.
RECORD TO PC

Audio from TAPE and RADIO (FM) can be recorded on the computer.

- To record from cassette tape, slide FUNCTION switch to ‘TAPE/OFF’ position and load a cassette tape into the unit. Then press PLAY button to start playback.
- To record from radio (FM), slide FUNCTION switch to ‘RADIO’ position. Press SCAN button briefly to tune to a nearby station.

AUDACITY SOFTWARE

The provided CD disc contains the following software:
(1) audacity-src-1.2.6-------- For source codes
(2) Audacity_for_MAC-------- For Macintosh
(3) Audacity_for_WIN-------- For Windows
(4) AUTORUN.INF
(5) The GNU General Public License.html

The software is compatible with Window 98, 2000, ME, XP, VISTA, 7 and Macintosh.

NOTE: Audacity does not support the latest upgraded MAC OS9.

AUDACITY INSTALLATION AND USB CONNECTION

Connect one end of the USB cable to the mini USB socket on the unit. Connect the other end into the USB socket on your computer.

Note: To help ensure that the Audacity software and your computer recognize the USB connection, always connect your unit’s USB port to your computer’s USB port before you open the Audacity.

Also, the volume control on the unit does not affect the recording sound input.

AUDACITY FOR WINDOWS USERS

1. Please insert the Audacity software disk that comes with your unit. Go to “My Computer” and double click the CD ROM Drive.

   NOTE: If the CD automatically launches the Set Up Wizard, please skip and refer to ‘Installing the Audacity Software’.

   ![Image of My Computer with CD drive]

2. There are five folders in the Audacity disk. Select Audacity_for_WIN for Windows system, and select Audacity_for_MAC for Macintosh system.
3. Double click the Audacity_for_WIN for Windows system, and double click the audacity-win-1.2.6 to install the audacity software.

INSTALLING THE AUDACITY SOFTWARE

1. The Audacity Setup Wizard will appear. Click on Next to install the software.
2. Click on “I accept the agreement” and click on Next.

3. Continue to click on the Next button.
4. Click on the Install button to start installation.
5. Click on Finish to complete installation.

![Image of Audacity setup wizard]

6. You can now open the Audacity software and start recording your files.
   
   NOTE: Once you set up Audacity, you do not need to re-set it with each use.
   
   (For additional information, visit the Audacity website at [http://audacity.sourceforge.net](http://audacity.sourceforge.net))

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**CONFIGURING AUDACITY FOR MICROSOFT WINDOWS**

**Audacity Interface**

![Audacity interface screenshot]

**Audacity Interface---Settings and controls**

**Audacity Control Buttons**

Use the attribute control buttons at the top of the screen to go to beginning, Play, Record, Pause, Stop and End. Use the File, Edit, View, Project, Generate, Effect and Analyze menus to Save, Export, and edit the music.

1. Click the ( ) button to skip to start;
2. Adjust the output volume;
3. Click the ( ) button to play;
4. Click the ( ) button to record;
5. Click the ( ) button to pause the recording;
6. Click the ( ) button to stop the recording;
7. Adjust the input volume;
8. Click the (  ) button to skip to end;

AUDACITY PREFERENCES

1. Click the “Edit” on the Audacity interface, select “Preferences”.

The screen will open up Audacity Preferences. You can see the Audio I/O, Quality, File Formats, Spectrograms, Directories, Interface, Keyboard and Mouse in the Audacity preference interface.

2. Select the recording device: microphone (USB Audio Controller)
   - Click the “Audio I/O” at the Audacity Preferences interface.
   - Click the “Recording Device” arrow and select “microphone (USB Audio Controller)”.
   - Click the “Channels” and select 2 (stereo).
   - Click the checkbox “Channels” and select Software playthrough (play new track while recording it).
   - Click the “OK”.
   - Note: If you couldn't find the "microphone (USB Audio Controller)" from the Device list, close the Audacity Software and re-open then try again.
3. Adjust the output and input volume to maximum.

![Output Volume and Input Volume](image)

**NOTE:** Because of the variation of different operation systems, the input volume control may not work on some individual Windows versions. Windows Vista is recommended to ensure the input volume control working properly.

- For more information on setup, please see ‘Setting up Audacity’ on the website below:
- And for any query on ‘Mixer Toolbar’ please see
To download a tape to PC

1. Slide FUNCTIN switch to ‘TAPE/OFF’ position.
2. Load a cassette tape into the unit and then press PLAY button to start playing.
3. Click the Record ( ) button to start recording.
   The waves (left and right tracks) will show on the interface.

4. At end of songs, click “pause” ( ) button on computer and press STOP button on the unit.
   Replace or flip the cassette tape, and press PLAY button to start playing the next song. Immediately press “pause” ( ) button on computer and downloading will continue.
5. Repeat steps 2, 3 and 4 until you have finished downloading.
   **NOTE:** Do not click stop button on computer while continuously downloading songs. Remember to click pause button in between your desired songs. Press stop button on computer only when all your desired songs have been downloaded.

After your have finished downloading, you may play back the songs through your computer. In stop mode, simply click ( ) SKIP TO START button then the ( ) PLAY button.
To download a radio program to PC

1. Slide FUNCTION switch to ‘RADIO’ position.
2. Press SCAN button briefly to tune to a nearby station. Keep pressing this button until you find your favorite station.
3. Click the Record ( ) button to start recording.
   The waves (left and right tracks) will show on the interface.

![Fluctuant Wave](image)

4. At end of the program, click “pause” ( ) button on computer.
   To tune a different station, press SCAN button to select a desired station. Immediately press “pause” ( ) button on computer and downloading will continue.
5. Repeat steps 3 and 4 until you have finished downloading.
   
   **NOTE:** Do not click stop button on computer while continuously downloading songs. Remember to click pause button in between your desired songs. Press stop button on computer only when all your desired songs have been downloaded.

After your have finished downloading, you may play back the songs through your computer. In stop mode, simply click ( ) SKIP TO START button then the ( ) PLAY button.
GENERAL PROBLEMS FOR ALL WINDOWS VERSIONS

1. If you do not have the fluctuant wave on the interface when recording or the recording sounds unsatisfied, adjust the recording volume as follows:

- Click the START in the left corner of the computer, select Programs, Accessories, Entertainment, Sound Recorder to enter Sound Recorder interface.

- In SOUND RECORDER interface
Select Edit and click Audio Properties in the bottom of the menu to enter Audio Properties interface.

- In AUDIO PROPERTIES interface
Select sound recording default device and click ‘Microphone USB Audio Controller’, then click VOLUME to enter WAVE IN interface.

- In WAVE IN interface
Adjust the recording volume to the middle first, then set to lower or higher. The fluctuant wave will show on the interface.
17

when recording.

2. When the cassette player is connected, you cannot hear any sound if you need to listen to music. It is because the default playback device has been changed to USB Audio Controller once the cassette player connects to the PC.

**Recommended:** Remove the USB cable from the PC.

**Alternative:** This solution requires you to change the setting manually every time you connect the USB cable with the PC. Change the setting as follows:

- **For Vista and Windows 7 users:**
  
  Click “Start” and go to the Control Panel. Find and click “Sound” icon. Click the “Playback” tab, click a playback device (e.g., Speakers) then click “Set Default”. And click “OK”, the sound comes out.

- **For Other Windows versions users (e.g.: Windows XP):**

  You may click “Start” and find “Programs”, “Accessories”, “Entertainment”. Click “Sound Recorder”. Then in the Sound Recorder, click “Edit” tab and select “Audio Properties”.

  Or, find and click into Control Panel. Find and select “Sound and audio device” and choose “Audio” tab.

  In Sound playback, change the default device by down pulling arrow. Select your playback device (e.g., Microsoft Sound Mapper) and click OK. Then the sound comes out.

  - For more information on Windows system sound requires reset, please go to
    http://wiki.audacityteam.org/index.php?title=USB_turntables#Set_up_Audacity_to_record_from_the_turntable
3. If you want to hear the music while downloading to the computer, go to the Audacity interface. Click Edit and select “Preference”. Then click “Audio I/O” tab. And follow the following setting. Click “OK” to confirm.

- For more information please see ‘Set up Audacity to record from the turntable’ in website below:
  http://wiki.audacityteam.org/index.php?title=USB_turntables#Set_up_Audacity_to_record_from_the_turntable
ADJUSTMENT FOR WINDOWS 7
AND SOME VISTA SYSTEMS ONLY

If you do not have the fluctuant wave on the Audacity interface or the sound is low or distorted during recording, adjust the recording level as follows:

- Click “Start” at the lower left corner, go to the Control Panel.

- In Classic View, double click the Sound icon.
Or in Control Panel Home view, click “Hardware and Sound”. Then click “sound”.
- In the Sound interface, select “Recording” tab.
- Then, choose a recording device. (It is recommended that you select Microphone of USB Audio Controller which is highlighted in the picture, then click “Properties”.)

![Sound interface](image)

- Select “Levels” and adjust the Volume Reading. The reading is from 0 to 100. Normally it should be 2-15. However, you may refer to the Input Level Indicator from the Audacity panel that doesn’t exceed 0. Then click “OK” on the Microphone properties interface and sound interface. Close the Control Panel. (Please note that there is no “Levels” tab in “Sound” panel in some operating systems, such as Windows 98, Windows 2000. For Windows 7 users and Vista users, the “Levels” tab in “Sound” panel is available.)

![Microphone Properties](image)
For more information on Windows Vista
http://wiki.audacityteam.org/wiki/Windows_Vista_OS

For more information on Windows 7
http://wiki.audacityteam.org/wiki/Windows_7_OS

You have a music download on your computer now. But the music needs to be saved and converted to WAV, Ogg, or MP3 formats before exporting.

You may playback the song through your computer in Stop Mode, click on Skip to start, then click the ( ) to play and turn on your computer speaker

NOTE: You may visit the Audacity website at http://audacity.sourceforge.net.
For more detailed information and operation, etc.

PREPARING TO EXPORT AND SAVE FOR MP3 FORMAT

Prepare for MP3 Export--- (Additional software “lame_enc.dll” needs to be installed.)

1. Please make sure that the Audacity disc is still inserted in your computer.
2. Click the “Edit” Tab on the Audacity interface, select “Preferences”.

22
3. Select the File Formats Tab and click on the Find Library Button.

4. A dialog box will appear. Click “Yes”.

5. Another box appears to locate the “CD ROM” (or Audacity). Double click on Audacity for Win, then click on “lame_enc.dll” to highlight it. Then click “Open”.
6. Click on the OK Button.

![Image of Audacity Preferences](image)

Now the MP3 software set up is complete and you may proceed with the exporting to MP3 format.

**DIVIDING TRACKS**

1. Press ( ) button to return to the beginning of the first song.
2. Move cursor to the wave graphic area, left click mouse and hold then drag from left to right. Release the mouse when the highlighted reach end of first song.

![Highlighted Track](image)

3. Click “file” tab then select “EXPORT SELECTION AS MP3”.
4. The window will pop up a dialog box for you to put the song title (“File name”), where you want to save it (“Save in”), and file format (“Save as type”).
5. Once you select the folder to save music, click “Save” and the first song is saved on the computer.
See interface example below, saved as MP3 format:

Complete box below:

Second song to be divided and saved:
1. Move cursor to the wave graphic beginning of 2nd song. Left click mouse and hold then drag from left to right until you reach end of 2nd song.
2. Click "file" tab then select "EXPORT SELECTION as MP3".
3. Follow Steps above to divide songs, export and save, one-by-one.

TO CHANGE THE TITLES (FOR MP3 FORMAT ONLY)

DURING EXPORT SELECTION AS MP3: the software only provides one time to title the song being saved. All subsequent songs being divided from the same track are with the same title.

To change the titles, follow the steps below:
1. Right click on the Music file which will show all its contents.
2. Select Properties, then click on Summary.
3. Click on Title, and then change it to your desired title.
4. Select OK.
5. Do all these steps until you title each songs.
EXPORT AND SAVE FOR WAV AND OGG FORMATS

When the recording is finished, click the (  ) on the screen. Then stop the player.

1. Highlighted the song which you want to save then click the file tab on the audacity interface.

2. Select “Export Selection as WAV” or “Export Selection as Ogg”.

   **To Export Selection AS WAV............**

   ![Audacity Interface]

   **To Export Selection As Ogg**

   ![Audacity Interface]

3. Once you have chosen to which file format recording should be exported, the interface below appears. Here you may provide the file name and the location where it will be saved, i.e. desktop. Then click “Save”.

   **Save as WAV**

   ![Save as WAV Interface]
NOTE: You have an option to save one time for all the songs into one file. After complete the download, click the file tab, and then select the Export as MP3, Export as WAV or Export as OGG.

COPYING MUSIC FILE TO MP3 PLAYER

1. Connect MP3 player to your computer via USB cable.
2. Turn on your computer.
3. Double click on “MY COMPUTER”.
4. Locate the drive named “REMOVABLE DISK” or “MP3 PLAYER” – This is your MP3 player.
5. Double click the “REMOVABLE DISK/MP3 PLAYER” to open the folder. It will show all files currently on your player.
6. Next locate your music files on your computer. Most people store them in their “MY MUSIC” folder.
7. Once your music folder/MP3 file folder is open, click once to highlight the song you want to send to your MP3 player. One of the following steps will copy the MP3 file:
   A. Right click on the highlighted song and a box will come up. Move cursor to “SEND TO” and another box will come up. If you have the option “REMOVABLE DISK”, click on it. This will send copy of MP3 file to MP3 player.
   B. If you do not have “REMOVABLE DISK” listed, then click on “COPY”. Go back and repeat steps 3, 4 & 5 (above). Right click in the middle of the window and a box will open. Select “PASTE” and MP3 file will be sent to MP3 player.
AUDACITY FOR MAC USERS

1. Please insert the Audacity software disk that comes with your unit. Click the Audacity disk on the desktop.

2. There are five folders in the Audacity disk. Select Audacity_for_MAC for Macintosh system, and select Audacity_for_WIN for Windows system.

- If your computer is Mac OS X system (Intel CPU), please enter the Intel folder to install the audacity software;
- If your computer is Mac OS 9 system, please enter the Mac OS 9 folder to install the audacity software;
  
  NOTE: The Audacity does not support the latest upgraded MAC OS9.
- If your computer is Mac OS X system (Power PC CPU), please enter the PPC folder to install the audacity software.

3. Double click on the setup file according to your system supported, for instance, “audacity.dmg” icon the software files will now open in a folder. Select all the files in the folder and drag them into a suitable location on the hard drive (Applications, etc.).

4. Double click on the Audacity icon to start the software running, alternatively, drag the “orange ball wearing headphones” icon down onto the desktop toolbar. Click on this icon to run Audacity.
CONFIGURING AUDACITY FOR MAC

Audacity Interface for Mac

Audacity Interface---Settings and controls
At the top of the main Audacity window, to the right of the play control buttons, you will see the input and output level meters (labeled L and R). Under the output level meter, is an icon that looks like a microphone. Next to the microphone is a black arrow that points down. Click this arrow and select Start Monitor. (If you don’t see the input and output level meters, open your Preferences again as described above.)

Audacity Control Buttons
Use the attribute control buttons at the top of the screen to go to beginning, Play, Record, Pause, Stop and End. Use the File, Edit, View, Project, Generate, Effect and Analyze menus to Save, Export, and edit the music.
1. Click the ( ) button to skip to start;
2. Click the ( ) button to play;
3. Click the ( ) button to record;
4. Click the ( ) button to pause the recording;
5. Click the ( ) button to stop the recording;
6. Click the ( ) button to skip to end;
7. Adjust the output volume.
8. Adjust the input volume.
AUDACITY PREFERENCES

1. Click the “Audacity” on the Audacity interface, select “Preferences”.

- The screen will open up Audacity Preferences. You can see the Audio I/O, Quality, Import/Export, Interface, Spectrograms, Directories, Smart Recording, Theme, Keyboard and Mouse.

2. Select the recording device: Core Audio (USB Audio Controller)

- Click the “Audio I/O” at the Audacity Preferences interface.
- Click the Recording “Device” and select “Core Audio (USB Audio Controller)”.
- Click the “Channels” and select 2 (stereo).
- Click the “OK”.
- Note: If you couldn’t find the "Core Audio (USB Audio Controller)" from the Device list, close the Audacity Software and re-open then try again or insure the turntable is connect to the computer.
3. Under the **Quality** tab, set the **Default Sample Format** to 16 bit. Select **OK** to save your setting and close the preferences window.
TO SET THE SMART RECORDING

1. To select the **Smart Recording** in the Audacity Preferences interface, and set the **Sound Activation Level (dB)** to -36, and then click **OK**.

![Audacity Preferences interface]

2. On the top of the main Audacity window, to the right of the input and output level meters (labeled L and R) you will see the input and output volume. The left of the input and output volume, there is a volume icon. Adjust the **output and input volume** to maximum.

![Audacity window with input and output volume]

**NOTE:** Because of the variation of different operation systems, the input volume control may not work on some individual Windows versions. Windows Vista is recommended to ensure the input volume control working properly.

- For more information on Mixer Toolbar, please see ‘OS X-specific issues’ on the website below:
- For further information of Audacity on MAC OS X, please see
  [http://wiki.audacityteam.org/wiki/Mac_Bugs](http://wiki.audacityteam.org/wiki/Mac_Bugs)
RECORDING OPERATION

To download a tape to computer
1. Slide FUNCTION switch to ‘TAPE/OFF’ position.
2. Load a cassette tape into the unit and then press PLAY button to start playing.
3. Click the Record ( ) button to start recording.
   The waves (left and right tracks) will show on the interface.
4. At end of songs, click “pause” ( ) button on computer and press STOP button on the unit.
   Replace or flip the cassette tape, and press PLAY button to start playing the next song. Immediately press “pause” ( ) button on computer and downloading will continue.
   **NOTE:** Do not click “Stop” button on computer while continuously downloading songs. Remember to click “Pause” between your desired songs. Press “Stop” on computer only when all your desired songs have been downloaded.

5. Repeat steps 2, 3 and 4 until you have finished downloading.
6. After you have finished downloading, you may play back the songs through your computer. In Stop Mode, simply click the ( ) button.

To download a radio program to PC
1. Slide FUNCTION switch to ‘RADIO’ position.
2. Press SCAN button briefly to tune to a nearby station. Keep pressing this button until you find your favorite station.
3. Click the Record ( ) button to start recording.
   The waves (left and right tracks) will show on the interface.
4. At end of the program, click “pause” ( ) button on computer.
   To tune a different station, press SCAN button to select a desired station. Immediately press “pause” ( ) button on computer and downloading will continue.
   **NOTE:** Do not click **stop** button on computer while continuously downloading songs. Remember to click **pause** button in between your desired songs. Press **stop** button on computer only when all your desired songs have been downloaded.
5. Repeat steps 3 and 4 until you have finished downloading.
6. After you have finished downloading, you may play back the songs through your computer. In Stop Mode, simply click the ( ) button.
IMPROVE RECORDING QUALITY

If you find the recording sounds unsatisfied, you may adjust the Input Volume meter in both the system and Audacity software.

1. Click System Preferences and double click on “Sound” icon. In the Sound window, click USB Audio Controller to highlight the device then slide the Input Volume to the middle position.

2. Then adjust the Input Volume meter to maximum, reduce the input volume level until the sound is satisfied.
DIVIDING TRACKS

1. Press (REC) button to return to the beginning of the first song.

2. Move cursor to the wave graphic area, left click mouse and hold then drag from left to right. Release the mouse when the highlighted reach end of first song.

3. Click “file” tab then select “EXPORT SELECTION”.

4. The window will pop up a dialog box for you to complete the Metadata. Click OK button after you type in.

5. Then a window appears. Select your music file location and format, and type in your file name. Click “Save” and the song is saved on the computer.
EXPORT AND SAVE FILES

- When the recording is finished, click the ( ) on the screen. Then stop the cassette playback.
- You have a music download on your computer now.
- You may play back the song through your computer.
- Simply click the ( ) to play.
  For more detailed information and operation, etc.

1. Click the file tab on the audacity interface. Select “Export” to save the file.

![Audacity interface with Export selection]

2. A window will pop up after clicking Export. It will default the MP3 format, but you also can select other formats. You only need to click the arrow located at the right of the MP3 Files.

![Audacity export window]

3. When you click Save As, the file name will be spring.mp3 or spring.wav or spring.wav (depending on your selection in 2).
AUDACITY 1.3 BETA VERSION

In case that you find the Audacity program provided in the CD does not work properly on your computer, especially if the operating system is Windows Vista, Windows 7 and Mac OSX, you may try this beta version.

The Audacity provides a new yet not quite finished development 1.3 Beta version which will be the basis of the next stable version.

Try the Beta version and send your comments to Audacity team if any problems or any features that need improvement or no longer work properly with full details (including your operating system) mentioned.

Preliminary

- You can install 1.3 Beta and 1.2 on the same machine by installing them to different directories.
- System Requirements & Download:
  - Windows 2000/XP/Vista (and provisional support for Windows 7)
  - Windows 98/Me
  - Mac OS X 10.4 or later
- Get your cassette player and your computer connected with the provided USB cable.

Go to the Audacity official website to download the latest program. The instructions for Audacity are similar. Here is an example of Audacity 1.3.13 Beta version.

FOR WINDOWS SYSTEMS

Go to the Audacity official website http://audacity.sourceforge.net/download/beta_windows and download the program. (Audacity 1.3.13 installer, exe file 13.8MB)

1. Unzip your download then open the folder. Double click on the yellow ball with a headset icon. Then follow the on-screen instructions to install the program.

   ![Audacity icon](image)

2. Installation Wizard

   a) Click the dropdown arrow to select a setup language then click on OK.

   ![Select Setup Language](image)

   b) Audacity 1.3 Beta setup wizard appears on the screen. Click on Next button.
c) Continue to click on Next.

d) Normally most people will install programs in C disk, click on Next. If you want to change the directory, click Browse, select a setup directory and click on Next.

e) Continue to click on Next.
f) Click on Finish to complete the installation.
NOTE: You do not need to install the program in every use.

g) Then the program will be opened if the checkbox beside the “Launch Audacity” is selected.

Here is the interface of Audacity program.

3. A few settings will be required before you download the music.

a) Click ‘Edit’ and select ‘Preferences’.
b) In the pop-out window of the Audacity Preferences, you will see tabs of Devices, Playback, Recording, Quality, Interface, Tracks, Import/Export, Extended Import, Projects, Libraries, Spectrograms, Directories, Warnings, Effects, Keyboard and Mouse are listed on the left side of the window.

c) Click ‘Devices’ on the left side, then the detail contents of the Devices will show on the right hand side of Interface.
Click the ▼ arrow on ‘Device’ below ‘Recording’ and choose ‘USB Audio Controller’.
Click the ▼ arrow on ‘Channels’ to select ‘2(Stereo)’.

d) Click ‘Recording’ on the left side, you will see the detail contents on the right side.
Click the checkbox beside ‘Software Playthrough: Listen while recording or monitoring new track’.
e) Before exporting an MP3 file, you need to find ‘lame’ first. If the program does not show the MP3 Library, make sure the driver disc is inside your computer. If the ‘lame_enc.dll’ software is not working on your computer (i.e., Vista and 7), you must download the ‘lame’ software from website. (See Pages 43-45.)

Click ‘Libraries’ on the left side, then in ‘MP3 Export Library’ interface, click ‘Locate...’ button to find ‘lame_enc.dll’. Click ‘Browse’ button to open ‘lame_enc.dll’. Double click on ‘Audacity for Win’ then left click on ‘lame_enc.dll’ to highlight it. Clip ‘Open’ then click ‘OK’.

Or if you cannot find it or the lame file you found is not compitible a window appears to prompt you to download the latest version. Click OK to close the pop-up window.
Click ‘Locate..’ then in the Locate Lame window click ‘Download’ button and a website will be opened automatically.

Opened website to download ‘lame_enc.dll’:

How do I download and install the LAME MP3 encoder?

Because of software patents we cannot distribute MP3 encoding software ourselves. Follow these instructions to use the free LAME encoder to export MP3 files with Audacity.

**Windows**

1. Click the link "LAME v3.96.2 for Audacity on Windows x64" to start the file anywhere on your computer.
2. Double-click "LAME v3.96.2 for Audacity on Windows x64" to launch it (you can safely ignore any warnings that the publisher could not be verified). You should now be able to export MP3s without any further configuration, choosing File > Export and selecting "MP3 File" in the File Export dialog.

Below the chapter Windows, click ‘LAME download page’ in the first point. Then another page will be browsed as per below. Reflash the webpage if you cannot see the contents except the ATTENTION sentence.

Then scroll down the webpage and you will see a form.
The Audacity LAME is free, so you can click ‘libmp3lame-win-3.98.2.zip’ under ZIP OPTION to download. Then unzip the file.

Go back to the Audacity and click ‘Browse’ and find the downloaded LAME. Then click ‘ok’ button.

f) Click ‘OK’ button to complete your setting and close ‘Audacity Preferences’ interface.
g) For detailed information about how to run this program, please click ‘Help’ and click ‘Manual (in web browser)’. 
RECORDING OPERATIONS

Button Controls

From left to right these button controls are:

_skip to Start  Play  Record  Pause  Stop  skip to End_

Output and input monitors

• Output level meter  • Input level meter

Output and input control

• Output volume and output level slider  • Input volume and input level slider

1. Press the “Record” button on the Audacity and set the aux source (cassette or radio) to play.

**NOTE:** During recording make sure the input level indicator does not exceed “0”. If you find the recording distorted (for example, the input level indicator exceeds “0” during recording, or the waveform is clipped, or the playback quality of the recording is distorted) you can adjust the sound level of the original music by setting the recording level to **2-15** (see the
2. Press “pause” in between each song. Only press the “stop” button when all desired songs have been recorded.

**TIPS:** If you press the “stop” button by accident, you can click “Transport” and click “Append Record”. Then you can continue to record in the same track.

For example, the “stop” button has been pressed by accident at the end of the 1st song. Do not click anything in Audacity and get another song prepared, then click “Transport” tab and select “Append Record” (refer the picture above). Soon the 2nd song will continue to record on the same track at the end of the 1st song.

3. Before exporting press “play” button to play the recording, then press “Skip to Start” button to go to the beginning of the recording.

4. Select a section you want to export by moving the cursor to the beginning of the song and left clicking. Then hold and drag the cursor. Release the cursor when your selected section is highlighted.

5. Click “File” and select “export section...” to export the song.
6. Another window appears. Select a location as well as the format (most people prefer to save audios as MP3 format (MP3 format is most common) in My Music) and fill in the file name, then click “Save”.

You can also choose alternative format such as AIFF, WAV, OGG or FLAC if these formats are supported on both your computer and the exported devices. Note that according to your selection, the Edit Metadata window may not appear.

7. Then another window will show up. Fill in the information in the window titled with “Edit Metadata”. Then click “OK”.
Wait a few seconds before exporting the selected audio.
Now you can copy the audio files to your MP3 player.

8. If you need advanced operations please click “HELP” and select “QUICK HELP (IN WEB BROWSER)” or “MANUAL (IN WEB BROWSER)”.

FOR MAC OS X

Go to the Audacity official website http://audacity.sourceforge.net/download/beta_mac and download the program.

1. Double click on the Audacity 1.3.13 hardware you just downloaded then a window will be opened. Select all the files in the folder and drag them into a suitable location on the hard drive (Applications, etc.). Double click on the Audacity icon to start the software running, alternatively, drag the “orange ball wearing headphones” icon down onto the desktop toolbar. Click on this icon to run Audacity.

(Audacity icon)

Here is the Audacity interface.
2. A few settings will be required before you download the music.
   a) Move the cursor to the Audacity menu bar. Click “Audacity” and select “Preferences”.

   Then another window will appear on the screen.

   b) In the window of Audacity Preferences click “Devices” on the left hand side. Then on the right side within the Recording Device column, set Device to “USB Audio Controller”, Channels to “2 (Stereo)”. 
c) Click “Recording” on the left. Then on the right side in Playthrough column, click the checkbox beside the “Software Playthrough: Listen while recording or monitoring new track”.
In the Sound Activated Recording column, slide the meter to -36 db.

d) Click “Quality” on the left then on the right side in Sampling column, select “44100 Hz” in Default Sample Rate and select “16-bit” in Default Sample Format.
e) Click “Libraries” on the left then on the right side in MP3 Export Library column, check if the program has detected and shown the MP3 Library Version there. If shown, skip and forward to step (f).

If it display “MP3 export library not found” you need to find the “LAME”. Click “Locate...” button then a window named “Locate Lame” appears to find where the “LAME” is. Click the “Browse...” button to find it.
Or if you cannot find it or the LAME file you found is not compatible, click the “Download” button and a website will show automatically. Scroll down the webpage to find a title named “MAC OS X”. Click the “LAME download page” and another website will show automatically.

Scroll down the webpage.

You will notice a form provided the LAME for all version systems. Find a title named “For Audacity 1.3.3 or later on Mac OS X (Intel or PPC)” and then click “Lame Library v3.98.2 for Audacity on OSX.dmg” to download the file. Then locate the LAME and click OK.

f) Then click OK to close the Preferences interface.
RECORDING OPERATIONS

Basic control buttons

1. ⏯️ Skip to start
2. ▶️ Play
3. • Record
4.  || Pause
5.  ■ Stop
6.  ▶️ ◀️ Skip to end
7.  ⋅ Output level slider
8.  ⌘ Input level slider

1. Press the “Record” button on the Audacity and set the aux source (cassette or radio) to play.

**NOTE:** During recording, make sure that the input level indicator does not exceed “0”. If you find the recording is distorted (for example, the input level indicator exceeds “0”, or the waveform is clipped, or the recording sound is distorted.) you can adjust the sound level of the original music.

To set the input volume, go back to the desktop window and click “System Preferences”. Double click the “Sound” icon and in the Sound window set the input volume slider to the middle position. Then close the window.

OR, you can adjust the input level slider (.shader) to the middle position (0.5) on the Audacity software directly.
2. Press “pause” in between each song. Only press the “stop” button when all desired songs have been recorded.

**TIPS:** If you press the “stop” button by accident, you can click “Transport” and click “Append Record”. Then you can continue to record in the same track.

![Transport Menu](image1)

3. Before exporting press “skip to start” button and then press “play” button to play the recording.

4. Then select a section you want to export by moving the cursor to the beginning then holding and dragging it. Release the cursor and your selected section is highlighted.

![Audacity Menu](image2)

5. Click “File” and select “export section...” to export the song.

6. Another window appears. Select the save-as location as well as the format and fill in the save-as name, then click “Save”.

![Export Selection Menu](image3)
7. In the coming up window named Edit Metadata, fill in the information then click “OK”.

Wait a few seconds to export the selected audio.

Once it is completed, you can copy the audio to your portable MP3 player.
8. If you have any doubts or need some advanced instructions please click “HELP” and select “QUICK HELP (IN WEB BROWSER)” or “MANUAL (IN WEB BROWSER)”.
TROUBLESHOOTING GUIDE

SOFTWARE

In case of trouble with the unit, please look through the problems below and see if you can solve them yourself before calling your dealer.

NO SOUND:
• If you are not getting any sound into the software application, go back to the preferences as shown above and make sure you have selected the USB input for the recording device.
• Power Cycle: Close Audacity, turn off the cassette player, unplug the USB Cable. Then plug in the USB Cable, turn on the cassette player, and reopen Audacity.
• If you are not able to hear any audio as you play the record, please click on the microphone drop-down arrow and select Monitor Input. This will enable you to hear the audio from the cassette player, even if you have not record-enabled the Audacity application.

• If you are not seeing the microphone slider, please go to the Preferences menu in Audacity, click on the Interface tab and make sure that the Enable Mixer Toolbar and Enable Meter Toolbar options are checked. If they are not, please check them and then press OK.
• Check the microphone slider to make sure that it is at full volume, all the way to the right as shown below. If you find the recording sounds low or distorted, adjust the microphone slider. If you are not seeing the microphone slider, please go to the Preferences menu in Audacity, click on the Interface tab and make sure that the Enable Mixer Toolbar and Enable Meter Toolbar options are checked. If they are not, please check them and then press OK.

UNSATISFIED SOUND Quality:
• Check the playback head on your cassette player to make sure it is clean.
• If you experience any odd sounds coming from the recording, try closing all applications, restarting the computer, and only run Audacity while recording.
## MAIN UNIT

<table>
<thead>
<tr>
<th>THE WHOLE UNIT</th>
<th>Problem</th>
<th>Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Power does not come on.</td>
<td>Unit is not powered on.</td>
<td>Power the unit with batteries, or USB cable or AC/DC adapter (not supplied).</td>
</tr>
<tr>
<td></td>
<td>No sound.</td>
<td>The unit has no speakers.</td>
<td>Listen through a set of earphone.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The volume is turned down (to MIN).</td>
<td>Adjust the volume.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The input selector does not match the playback source.</td>
<td>Re-select the desired input source.</td>
</tr>
<tr>
<td></td>
<td>The sound is noisy.</td>
<td>The unit is too close to a TV set or another similar appliance.</td>
<td>Turn off the TV or other appliance, and relocate the unit.</td>
</tr>
<tr>
<td>TAPE DECK</td>
<td>The cassette deck door cannot be closed.</td>
<td>The cassette tape is not inserted properly.</td>
<td>Insert the cassette tape correctly.</td>
</tr>
<tr>
<td></td>
<td>The tape does not move.</td>
<td>The cassette tape is not inserted properly.</td>
<td>Insert the cassette tape correctly.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The tape has reached the end.</td>
<td>Flip the cassette.</td>
</tr>
<tr>
<td></td>
<td>No sound from tape.</td>
<td>The tape heads are dirty.</td>
<td>Clean the tape heads.</td>
</tr>
<tr>
<td></td>
<td>The sound is distorted or faint.</td>
<td>The tape heads are dirty.</td>
<td>Clean the tape heads.</td>
</tr>
<tr>
<td>RADIO</td>
<td>Cannot listen to any station, or signal appears weak.</td>
<td>A TV set is being used nearby and is interfering with the radio reception.</td>
<td>Turn off the interfering TV set.</td>
</tr>
</tbody>
</table>
# SPECIFICATIONS

<table>
<thead>
<tr>
<th>RADIO</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FM Frequency Range</td>
<td>88 to 108 MHz</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GENERAL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Requirements</td>
<td>AC adapter: Input AC120V~60Hz; Output 3V (Adapter not supplied) or USB 5V or 2 x AA size batteries (batteries not supplied)</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>380mW</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>114 x 33.5 x 90mm (approx.)</td>
</tr>
<tr>
<td>Weight</td>
<td>KGS (approx.)</td>
</tr>
<tr>
<td>Standard Accessories</td>
<td>Operating Instruction Booklet</td>
</tr>
<tr>
<td></td>
<td>USB Cable</td>
</tr>
<tr>
<td></td>
<td>CD Disc for Audacity software</td>
</tr>
</tbody>
</table>

*For continuous improvement, specifications and manual are subject to change without prior notice.*
FCC STATEMENT

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the 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 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 the 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.

CALIFORNIA PROP 65 WARNING

"WARNING" This product contains a chemicals known to the State of California to cause birth defects or other reproductive harm. For more information on these regulations and a list of chemicals, log on the following website address:

http://www.oehha.ca.gov/prop65.html
Innovative Technology Electronics Corp.

Limited Warranty: 90 Days Labor, One Year Parts

Innovative Technology Electronics Corp. (IT) warrants the product to be free from “Defects” in materials under normal use for a period of “One Year” from the date of the original purchase. The Warranty is “Not” transferable. IT agrees, within the initial “90 Day” period, to repair or replace the product if it is determined to be defective at “No Charge”. It is further agreed that IT will cover the cost to repair or replace damaged “Parts” only for a total period of “One Year” from the date of the original purchase. The warranty does not cover cosmetic damage, antennas, AC cords, cabinets, headbands, ear-pads, or damage due to line power surges, connection to improper voltage supply or settings, misuse, mishandling, accident, acts of God or attempted repair by an unauthorized service agent.

To obtain service, the purchaser MUST present an original sales receipt / proof of purchase. Please contact us at www.ithomeproducts.com to request an RMA (Return Material Authorization) number to return products for service or replacement. Returns without an RMA number on the package will be refused and returned to sender. Upon receipt of the returning item and our full inspection (IT) may issue a replacement to customer for the same item or of one that has equivalent value and features. To return an item, supply full name, return address, phone number, item purchased, receipt of purchase and reason for return to obtain RMA number.

All returns must be in the original packaging or reasonable substitute to prevent damage. Customer “Must” include full name, shipping address and telephone number inside of package. No return will be shipped back to a PO Box or APO address.

Please include your check or money order in the amount of

- USD$5.00 for items $10.00 to $39.99 (Price Paid Per Unit)
- USD$10.00 for items $40.00 to $99.99. (Price Paid Per Unit)
- USD$16.00, for items $100.00 and up. (Price Paid Per Unit)
- Shipping fees are non-refundable

to be payable to Innovative Technology Electronics Corp.(for handling and return shipping charges) (IT) will not be responsible for delays or unprocessed claims resulting from a purchaser’s failure to provide any / all of the necessary information.

Send all inquiries or RMA request via our website www.ithomeproducts.com/support.

Innovative Technology Electronics Corp.
1 Channel Drive
Port Washington, NY 11050
Toll free: 1-877-483-2497
Website for support: www.ithomeproducts.com/support

There are no express warranties except as listed above.
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Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.