

**T.sonic™ 510**

**User's Manual**

P/N TS256M/512MMP510

***Transcend***  
*Exceeding Your Expectations*

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# Introduction

Thank you for purchasing Transcend's **T.sonic™ 510**. This tiny device is more than a USB Flash Drive. It combines a USB Flash Drive with an MP3 player, A-B repeat function, voice recorder and an FM radio. Your **T.sonic™ 510** is equipped with a USB connection for easy data transfer between any USB enabled desktop or notebook computer. With the **T.sonic™ 510**, you can upload and download music files to and from a computer and then play the tracks on the device. Using the A-B repeat function, you can continuously replay a designated section of a track, which can be used as a handy language-learning tool. Also, you can record memos to yourself or from others using the digital recorder. With an FM radio built-in, you can always listen to your favorite radio station. Transcend's latest **T.sonic™ 510** is a step above the usual MP3 player.

## Package Contents

The **T.sonic™ 510** package includes the following items:

- **T.sonic™ 510**
- Earphones
- Neck strap
- Driver CD
- One AAA battery
- USB extension cable
- Quick Instruction Guide

## Features

- USB1.1 compliant and USB2.0 compatible
- **T.sonic™ 510's** Flash drive capabilities are powered directly via the USB port for data transfers, no external power or battery is needed. To use the device as an MP3 player or digital recorder, one AAA battery is required. (One AAA alkaline battery can support up to 8 hours of operation)
- Supports 12 user languages including, filenames and ID3 tag/title recognition
- Supports MP3, WMA, and WAV formats
- Digital Voice Recorder
- A-B repeat function allows you to continuously replay a designated section of a track
- Supports the display of synchronized lyrics during MP3 and WMA playback
- Ability to Preset 20 FM channels and record from an FM channel to a WAV file
- Auto-powers off after 2, 10, or 30 minutes of no usage
- Bright backlit LCD Display indicates the usage status of the **T.sonic™ 510**

## System Requirements

Desktop or notebook computer with a working USB port

One of following operating systems:

- Windows® 98SE
- Windows® Me
- Windows® 2000
- Windows® XP
- Mac™ OS 9.0 or later
- Linux™ Kernel 2.4 or later

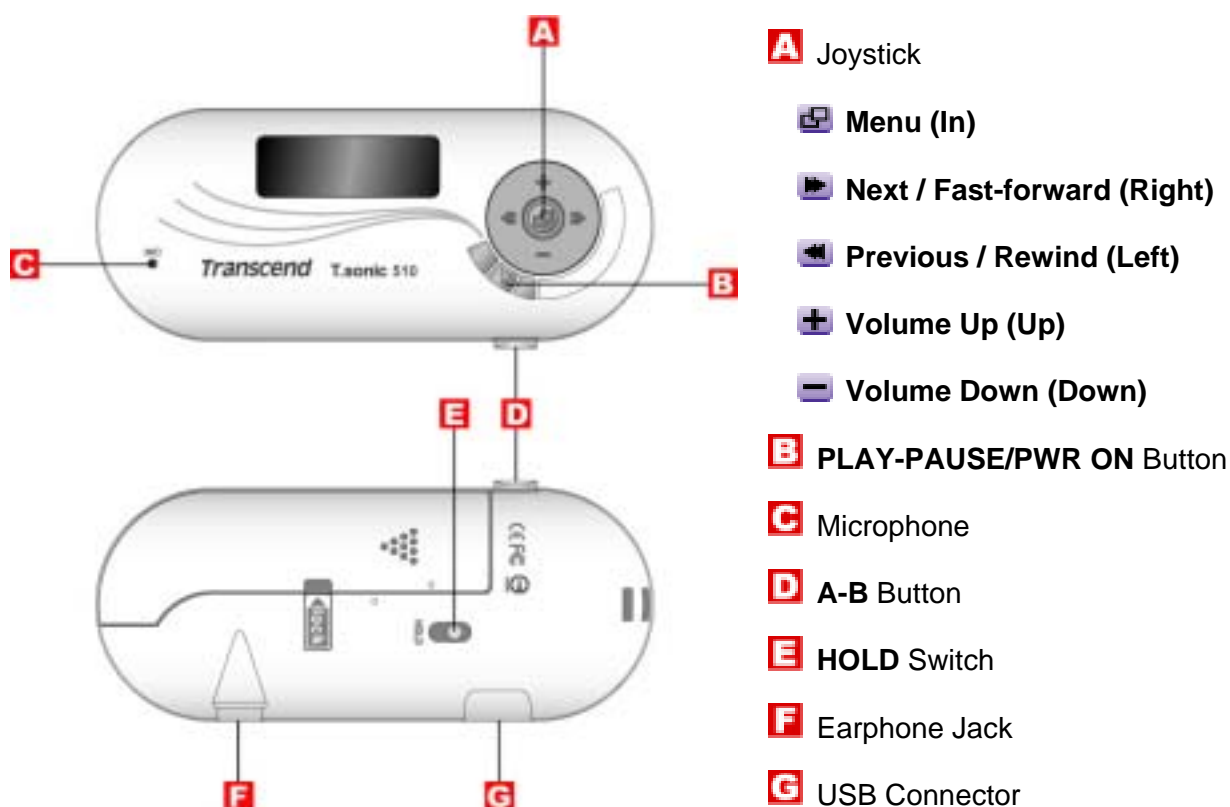
## Reminders

1. Keep your **T.sonic** away from heat, direct sunlight, and moisture. Do not bend, flex, or drop your **T.sonic**.
2. Make sure the **HOLD** switch is set to **OFF** before trying to Power-On the unit.
3. Always plug or unplug your **T.sonic** by grasping the unit's sides.
4. **Never use the "Quick Format" or "Full Format" in Windows to format your T.sonic.**
5. Follow the procedures in the "**Safely Remove Your T.sonic**" section to remove your **T.sonic** from the system.

## Caution: Risk of Deafness

1. Repeated or regular use of headphones or earphones at volume levels above 80 decibels can give a false impression that the audio level is not high enough. End users may try to progressively increase the volume control therefore risking a dangerous noise level for their ears.
2. To protect your health and your hearing, keep the volume for your MP3 player below 80 decibels and do not use for an extended period of time. Stop use if symptoms like headaches, nausea, or hearing disorders occur.
3. Your MP3 player is limited to a volume level of 100 decibels.
4. Both the MP3 player and the earphones are compliant with the French regulation concerning musical Walkmans (24<sup>th</sup> July 1998 Order).
5. Before using other headphones, confirm that their technical specifications are compatible with the original set.

## Product Overview



## LCD Display



Icons	Indications
<b>1</b> Hold	Indicates when the Hold function is enabled.
<b>2</b> Battery Status	Indicates the Battery Status.
<b>3</b> Operate Mode	Displays the operational status, which includes Play, Pause, Fast Forward, and Fast Reverse.
<b>4</b> EQ Mode	Indicates the EQ mode settings that include Normal, Classical, POP, Rock, Jazz and User EQ.
<b>5</b> A-B Repeat	Indicates when A-B Repeat function is enabled.
<b>6</b> Repeat Mode	Indicates the repeat mode that includes Normal, Repeat One, Repeat All, Random, and Repeat a Folder.
<b>7</b> Volume	Displays the volume status.

# Basic Operation

## Power On

Press and hold the **PLAY-PAUSE/PWR ON** button to turn the power on. An animated logo will appear on the LCD Display, and then you can start to use the **T.sonic**.



- ❖ The waiting time for the power to turn on depends on how many files are on the **T.sonic**. More files, means a longer waiting period when powering on your **T.sonic**.
- ❖ If a "HOLD" message appears on the LCD when you attempt to Power-On the unit; this means that the **T.sonic's** **HOLD** switch is activated. You must deactivate the **HOLD** switch before you can Power-On the **T.sonic**.

## Power Off

Press and hold the **PLAY-PAUSE/PWR ON** button to turn the power off. In about three seconds the **Power Off Status Bar** will appear on the LCD display to show you the Power Off status. Release the **PLAY-PAUSE/PWR ON** button and the power will turn off.



## Play a Track

Press the **PLAY-PAUSE/PWR ON** button to play an MP3/WMA or WAV track.


## Pause a Track

Press the **PLAY-PAUSE/PWR ON** button to pause the track during playback.

## Advance to the Next Track

Push the **Joystick** to the right (**Next**)  to skip to the next track.

## Return to Previous Track

Push the **Joystick** to the left (**Previous**)  to go back to the previous track.


## Fast Forward

Push and hold the **Joystick** to the right (**Fast-forward**)  to fast-forward the track.


## Rewind

Push and hold the **Joystick** to the left (**Rewind**)  to rewind the track.

## Increase Volume

Push once or push and hold the **Joystick** upwards (**Volume Up**)  until you have reached the desired volume level.

## Decrease Volume

Push once or push and hold the **Joystick** downwards (**Volume Down**)  until you have reached the desired volume level.

## Repeat a Track

Please see the “**Repeat Mode**” in the “**Settings**” section for detailed instructions.

## Repeat All Tracks

Please see the “**Repeat Mode**” in the “**Settings**” section for detailed instructions.

## Play Random Tracks

Please see the “**Repeat Mode**” in the “**Settings**” section for detailed instructions.

## Repeat a Folder

Please see the “**Repeat Mode**” in the “**Settings**” section for detailed instructions.

## Repeat a Portion of a Track (A-B Repeat)

Press the **A-B** button to mark the beginning of the track’s portion you wish to repeat and then press the button again to mark the end of the portion you wish to repeat. The marked portion is played as a continuous loop when playing an MP3, WMA, or WAV track.

## Hold

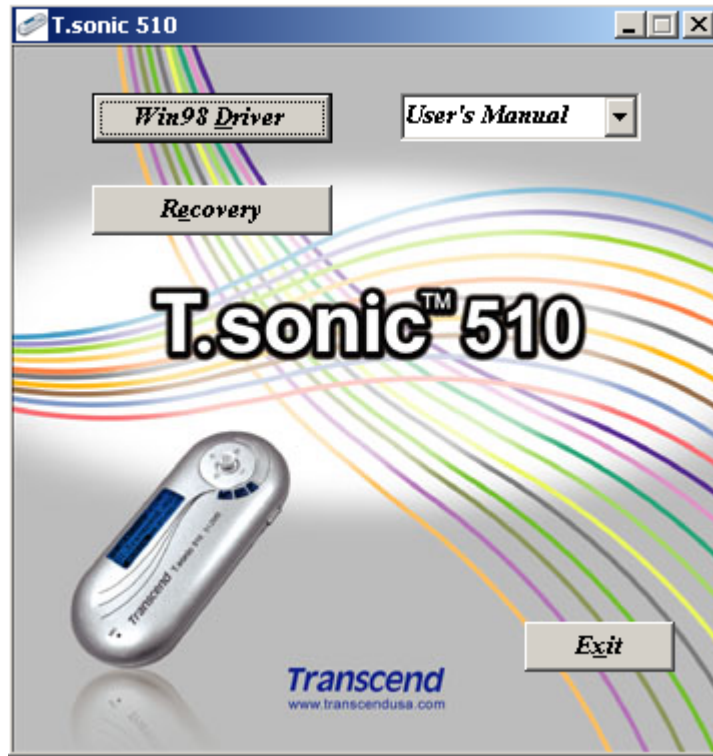
When the **HOLD** switch is set to the “**HOLD**” position, all of the Player’s buttons are disabled.



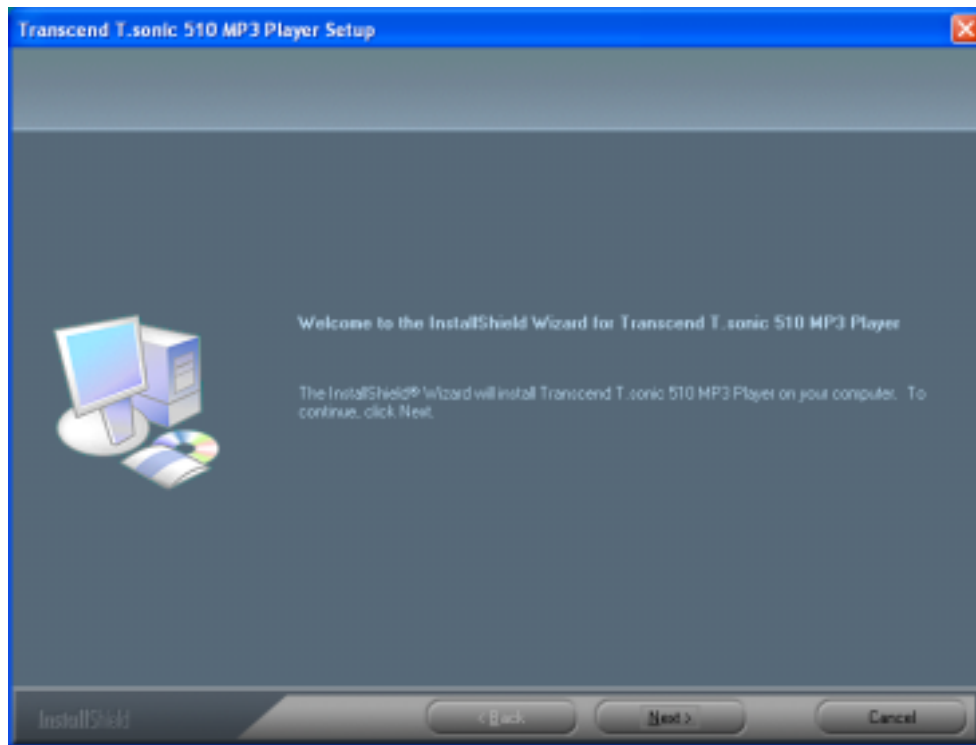
# Driver Installation

## Driver Installation for Windows® 98SE

1. Put the Driver CD into the CD-ROM (Auto-Run supported). Select the **Win98 Driver** button.

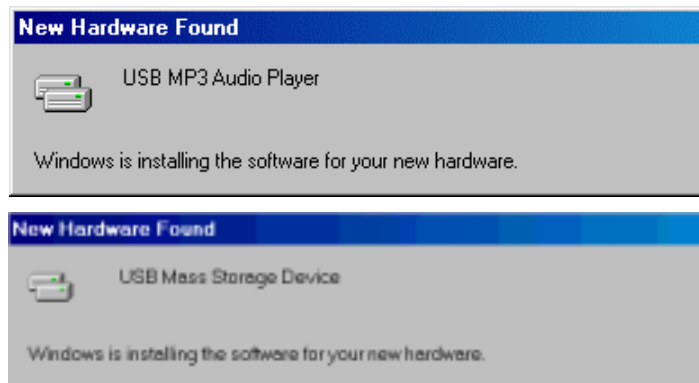


2. Select "**Next**" to continue.



3. The InstallShield Wizard will guide you through the installation process.

4. After the drivers have been installed, plug your **T.sonic** into an available USB port. The **New Hardware Found** dialogue boxes will appear.



5. Your computer will automatically detect this new device. A new **Removable Disk** drive with a newly assigned drive letter will appear in the **My Computer** window.

### Driver Installation for Windows® Me, 2000 and XP

No drivers are required. These Windows operating systems have built-in drivers to support the **T.sonic**. Simply plug your **T.sonic** into an available USB port and Windows will install the files needed. A new **Removable Disk** drive with a newly assigned drive letter will appear in the **My Computer** window.

### Driver Installation for Mac™ OS 9.0, or Later

No drivers are required. Just plug your **T.sonic** into an available USB port and your computer will automatically detect it.



### Driver Installation for Linux™ Kernel 2.4, or Later

No drivers are required. Just plug your **T.sonic** into the USB port and mount it.

- Example:
1. Create directory for **/mnt/T.sonic** first:  
`mkdir /mnt/T.sonic`
  2. mount **T.sonic**:  
`mount -a -t msdos /dev/sda1 /mnt/T.sonic`

## Warning

1. When connected to a computer, the T.sonic is locked into transferring files only. It will not be able to play or record any files at this time. Please disconnect your T.sonic from the computer to play or record files.



2. To avoid destruction of T.sonic files/folders, **NEVER** format your T.sonic in Windows.

3. There is a hidden file called “settings.dat” in the root directory of your T.sonic, please don’t delete it.

4. T.sonic is limited to 50 folders and 450 audio files (MP3/WMA/WAV).

5. T.sonic is limited to 125 characters for a file name.

# Music Functions

## Download or Upload MP3/WMA Files

1. Insert the small end of the USB cable into the **T.sonic's** USB port, and plug the other end of the cable into a computer's USB port. A new **Removable Disk** drive with a newly assigned drive letter will appear in the **My Computer** window. The LCD Display will show the image below to indicate the ready status.



2. If you download MP3/WMA files from the computer, the LCD Display will show the **WRITE** message as below.



3. If you upload MP3/WMA files to the computer, the LCD Display will show the **READ** message as below.



4. When finished downloading or uploading, the LCD Display will return to the ready status.
- ❖ **T.sonic** only supports Mpeg I Layer 3 and WMA files compressed at a rate of 32Kbps – 320Kbps.

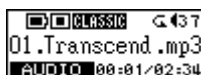
## Warning




**Before plugging the T.sonic into a USB port, please make sure you have removed the unit's battery. Otherwise, unpredictable damage may occur to your files or your T.sonic.**



## Play MP3/WMA Music

1. Press and hold the **PLAY-PAUSE/PWR ON** button to turn the power on. The default screen is the **AUDIO** mode.



- ❖ You can also select the **Music** icon in the main menu, and then press the **Joystick** inwards (**Menu**)  to enter the **AUDIO** mode.

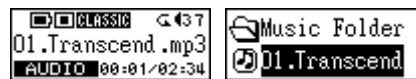







2. If there are no MP3 or WMA files available, the “**\*\*\*No Files\*\*\***” message will be displayed on the LCD screen.
3. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**) , to select a desired MP3/WMA file.
4. Press the **PLAY-PAUSE/PWR ON** button to play the MP3/WMA music file.

## Navigation Function

The Navigation function allows you to easily move between tracks, files and folders.


1. In **AUDIO** mode. Press and hold the **Joystick** inwards (**Menu**)  to enter the **Navigation Function**.

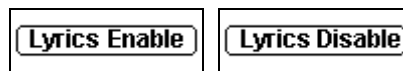


2. Push the **Joystick** upwards (**Volume Up**)  or downwards (**Volume Down**)  to select a desired MP3/WMA file, or folder.
3. Press the **Joystick** inwards (**Menu**)  to enter the selected folder. Or press the **Joystick** to the left (**Previous**)  once to move up one folder level.
4. Press the **PLAY-PAUSE/PWR ON** button to play a selected MP3/WMA music file.
5. Pressing and holding the **Joystick** inwards (**Menu**)  will quit the **Navigation Function**.

## Sync Lyrics Function

The Sync Lyrics Function will show the song lyrics on the LCD display synchronized with the audio during MP3 and WMA playback.

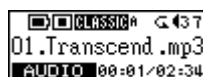
In **AUDIO** mode you can **Start/Stop** the Sync Lyrics function by pushing and holding the **Joystick** downwards (**Volume Down**)  and pressing the **A-B Repeat** button simultaneously.



## A-B Repeat Function

Follow the procedures below, to repeat a portion of a track.

1. While Playing an MP3/WMA, or WAV track.
2. Press the **A-B** button to tag the beginning of the track's portion you wish to repeat. The 'A' symbol will be displayed on the LCD screen.





3. Press the **A-B** button again to tag the end of the track's portion you wish to repeat. The '**A-B**' symbol will be displayed on the LCD screen, and the tagged portion will play as a continuous loop.



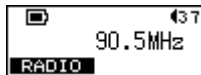
4. To resume normal playback, press the **A-B** button again.

## FM Functions (Radio)

1. Press the **Joystick** inwards (**Menu**)  to enter the main menu. Select the **FM Tuner** icon, and then press the **Joystick** inwards  again to enter the FM function.







2. The FM radio frequency will be shown on the LCD display.



- ❖ On the first time of usage and for your convenience all the FM channels will be automatically scanned once and the first 20 channels with a strong signal will be preset.
- ❖ For the best possible reception in the FM mode, please ensure that the earphones are securely plugged into the **T.sonic**.

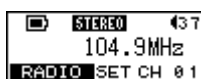
### Scan for a Channel




Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  once to adjust the FM frequency by 0.1MHz steps to select your favorite channel. Or push and hold the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to quickly auto-scan for the next channel.

### Save a Channel

You can save your 20 favorite radio channels from CH 01 to CH 20 to in the **T.sonic's** memory.

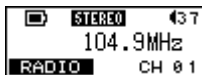
1. Select a desired channel (frequency) first.
2. Press and hold the **A-B** button for one second, and the screen will display a blinking "**SET CH 01**" message.



3. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to select an alternative channel number.
4. Press the **Joystick** inwards (**Menu**)  to save the selected channel.

## Select a Preset Channel

1. Press the **PLAY-PAUSE/PWR ON** button repeatedly to select a preset channel.




2. The desired stored favorite channel will appear on the LCD.

## Record an FM Channel

1. Select a desired channel.
2. Press the **A-B** button, and then the selected channel will start being recorded. On the display, a recording FM file is generated and placed in the folder name of **[/FM/]**. The recording file name sequence starts at **[F0001.WAV]**, then **[F0002.WAV]**, and so forth.





3. Press the **Joystick** inwards (**Menu**)  to stop the recording and the display will return to the previous FM status.

FM Record	Sample rate	Channels	256MB	512MB
	8 KHz	2 ( stereo )	8 hrs	16 hrs
	16 KHz	2 ( stereo )	4 hrs	8 hrs


## Voice Recording Functions

### Record a Voice

To record a voice using the in-built microphone:

1. Press the **Joystick** inwards (**Menu**)  to enter the main menu. Select the **RECORD** icon, and then press the **Joystick** inwards (**Menu**)  again to start recording.
2. On the LCD, a recording file is generated and placed in the folder name of **[/VOICE/]**. The recording file name sequence starts at **[V0001.WAV]**, then **[V0002.WAV]**, and so forth.



3. Press the **Joystick** inwards  again to stop the recording and the display will return to the main menu.



Voice Record	Sample rate	Channels	256MB	512MB
	8 KHz	1 ( mono )	16 hrs	32 hrs
	16 KHz	1 ( mono )	8 hrs	16 hrs

- ❖ Based on the available memory space of the **T.sonic**, and enough battery power to support the recording.



- ❖ For a better quality recording, move the microphone of your **T.sonic** closer to the source of the noise.

## Play the Recorded Files

To play the files recorded using the microphone, or in the FM radio mode.



1. Press the **Joystick** inwards (**Menu**)  to enter the main menu. Select the **Voice** icon, and then press the **Joystick** inwards (**Menu**)  again to enter the **Voice** mode.






2. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to select a desired file.
3. Press the **PLAY-PAUSE/PWR ON** button to play the selected voice file.

## Delete MP3/WMA/WAV Files



To delete the MP3/WMA or recorded files:

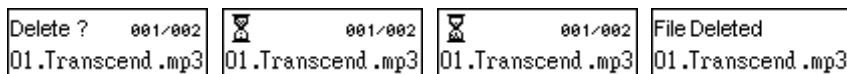
1. Press the **Joystick** inwards  to enter the main menu. Select the **Delete** icon, and then press the **Joystick** inwards  again to enter the Delete function.



2. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to select the **Delete Music Files** or **Delete Voice Files** icon, and then press the **Joystick** inwards  to enter the. If you want to quit, please select **Exit** to go back to the main menu.




3. All of the files will be displayed in sequence. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to select the file you would like to delete and then press the **PLAY-PAUSE/PWR ON** button to delete it. The "File Deleted" message will be displayed on the LCD.




- ❖ Deleting a greater number of files will take more time.
- ❖ **T.sonic** can only directly delete MP3/WMA/WAV audio files.
- ❖ Besides MP3/WMA/WAV audio files, **T.sonic** cannot support deleting other file types. If you want to use other file types, you will need to do the file deletion procedure on your computer.

## Settings

Press the **Joystick** inwards (**Menu**)  to enter the main menu. Select the **Settings** icon, and






then press the **Joystick** inwards (**Menu**)  again to enter the **Settings** menu.






## Equalizer (EQ) Mode

Select a desired EQ mode to suit your personal taste: Normal, Rock, Jazz, Classical, Pop or User EQ. And you can adjust the sound to your reference in “Set User EQ”.

1. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to select the **Equalizer** icon in the **Settings**, and then press the **Joystick** inwards  to enter.






2. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to change the EQ mode. Press the **Joystick** inwards  again to select the EQ setting. You will immediately be able to hear the change through your earphones.







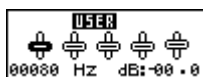
## Set User EQ


Access the **Settings** menu and choose the **Equalizer** Settings

1. In the **Equalizer** Settings push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to select the **Set User EQ** icon, and then press the **Joystick** inwards (**Menu**)  to enter.






2. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to switch between the 80Hz/250Hz/1KHz/4KHz/12KHz frequency bands, and push the **Joystick** upwards (**Volume Up**) , or downwards (**Volume Down**)  to set the EQ level from -14dB to +14dB in 0.5dB steps.






3. Press the **Joystick** inwards (**Menu**)  to save the customized levels and return to the **Settings** menu.

## Repeat Mode

Select a desired playback repeat mode to suit your personal taste: Normal, Repeat One, Repeat All, Random and Repeat Folder.

1. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to select the **Repeat** icon in the **Settings**, and then press the **Joystick** inwards  to enter.






2. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to change the repeat mode. Press the **Joystick** inwards  again to select the Repeat setting.






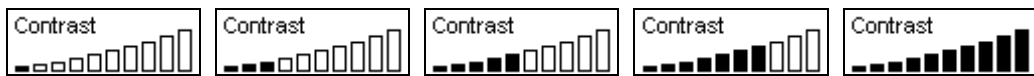
## Contrast

Sets the contrast of the LCD display.

1. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to select the **Contrast** icon in the **Settings**, and then press the **Joystick** inwards  to enter.






2. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to change the Contrast setting. Press the **Joystick** inwards  again to select the Contrast change.






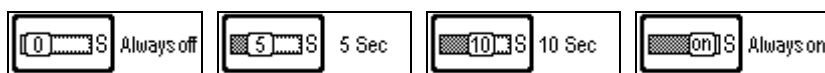
## Backlight

Sets a timer for the backlight to turn off automatically.

1. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to select the **Backlight** icon in the **Settings**, and then press the **Joystick** inwards  to enter.






2. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to change the Backlight settings. Press the **Joystick** inwards  again to select the Backlight changes.
3. If you select **5 Sec**, the backlight will have a delay of 5 seconds before turning off. If you select **Always off**, or **Always on**, the backlight will not turn on or turn off respectively.






## Power Saving

Sets a power saving timer to turn off your **T.sonic** automatically.

1. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to select the **Power Saving** icon in the **Settings**, and then press the **Joystick** inwards (Menu)  to enter.






2. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to change the **Power Saving** settings. Press the **Joystick** inwards (Menu)  again to select the Power Saving changes.
3. If you select **2MIN**, **10MIN** or **30MIN**, the **T.sonic** will turn the power off automatically after 2, 10 or 30 minutes, if the Player encounters idle time (not playing music or listening to the FM radio). If you select **DISABLE**, the **T.sonic** will always remain on provided there is ample battery power.






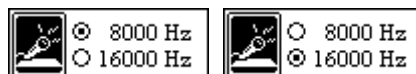
## REC Quality

Sets the Record Rate to 8000Hz, or 16000Hz. The higher the recording rate the greater the amount of memory required.




1. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to select the **REC Quality** icon in the **Settings**, and then press the **Joystick** inwards  to enter.






2. Push the **Joystick** upwards (**Volume Up**)  or downwards (**Volume Down**)  to change the REC Quality level. Press the **Joystick** inwards  again to select the Record Quality change.



## REC Environment

1. Press the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to select the **REC Environment** icon in the **Settings** menu, and then press the **Joystick** inwards (Menu)  to enter.






2. Push the **Joystick** upwards (**Volume Up**)  or downwards (**Volume Down**)  to change the REC Environment. Press the **Joystick** inwards (Menu)  again to save the REC Environment change.






## Language

Sets the language option to support the filename or ID3 (ID3 provides textual information about the music file, such as title, artist etc.) tag display of the MP3/WMA files. If there is an ID3 tag for the MP3/WMA file, it will be displayed first, otherwise the display will just show the filename.




1. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to select the **Language** icon in the **Settings**, and then press the **Joystick** inwards  to enter.



2. Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to change the **Language** settings. Press the **Joystick** inwards  again to select the Language change.









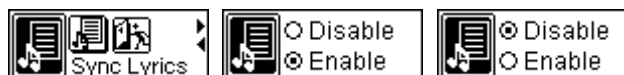
## About

Push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to select the **About** icon, and then press the **Joystick** inwards  to enter. The firmware version and available memory of your **T.sonic** will be displayed on the LCD screen.



## Sync Lyrics Display

1. In the **Settings** Menu push the push the **Joystick** to the right (**Next**)  or to the left (**Previous**)  to select the **Sync Lyrics** icon, and then press the **Joystick** inwards (**Menu**)  to enter.
2. Push the **Joystick** upwards (**Volume Up**)  or downwards (**Volume Down**)  to change the display mode. Press the **Joystick** inwards (**Menu**)  again to save the change.



## Exit

Select **Exit** to quit the **Settings** mode.



## Safely Remove Your T.sonic




Before removing your T.sonic, please make sure the LCD Display is not in the *READ/WRITE* status or unpredictable damage to the files or your T.sonic may occur.

### Removing the T.sonic in Windows® 98SE

Unplug your T.sonic from your system directly when data is not transferring.

### Removing the T.sonic in Windows® Me, 2000, and XP

1. Select the  icon on the system tray.
2. The **Safely Remove Hardware** pop-up menu will appear. Select it to continue.



3. A message box will appear: **The 'USB Mass Storage Device' device can now be safely removed from the system.**



### Removing the T.sonic in Mac™ OS

Drag and drop the Disk icon corresponding to your T.sonic into the trashcan. Then unplug your T.sonic from the USB port.

### Remove the T.sonic in Linux™


Execute `umount /mnt/ T.sonic` to un-mount the device.

## Recover Your T.sonic

If your **T.sonic** ever stops responding or locks up, you can use the **Recovery** program to restore it to its default settings. You can also use this function to update the unit's Firmware.

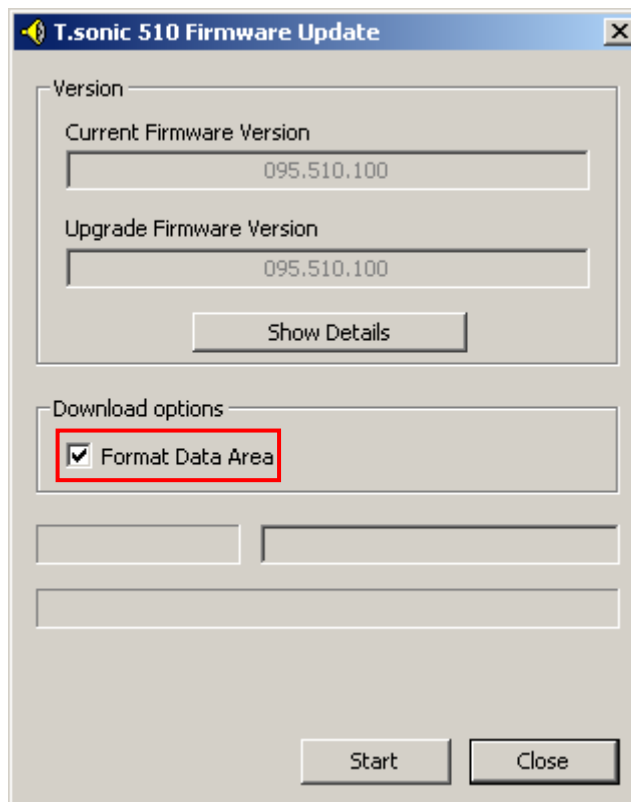
- ❖ Running the **Recovery** program will erase all of the data currently on the **T.sonic**.
- ❖ If there are bad blocks in the flash memory chip of the **T.sonic**, the memory size of your **T.sonic** will be smaller than the original memory size after running the **Recovery** program.

### Recovering the T.sonic in Windows® 98SE

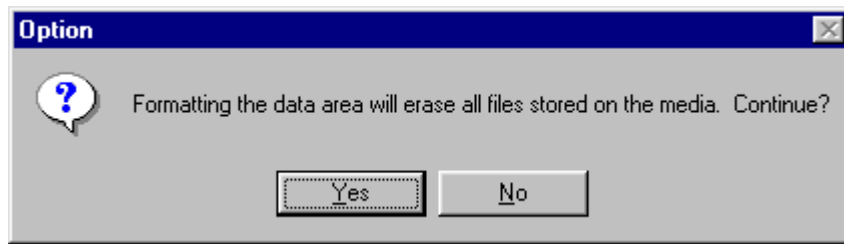
1. Plug your **T.sonic** into an available USB port on your computer. Select the  **Start** button on the task bar and select **Programs > Transcend T.sonic 510 > T.sonic 510 Firmware Update** to run the **T.sonic 510 Firmware Update** program.



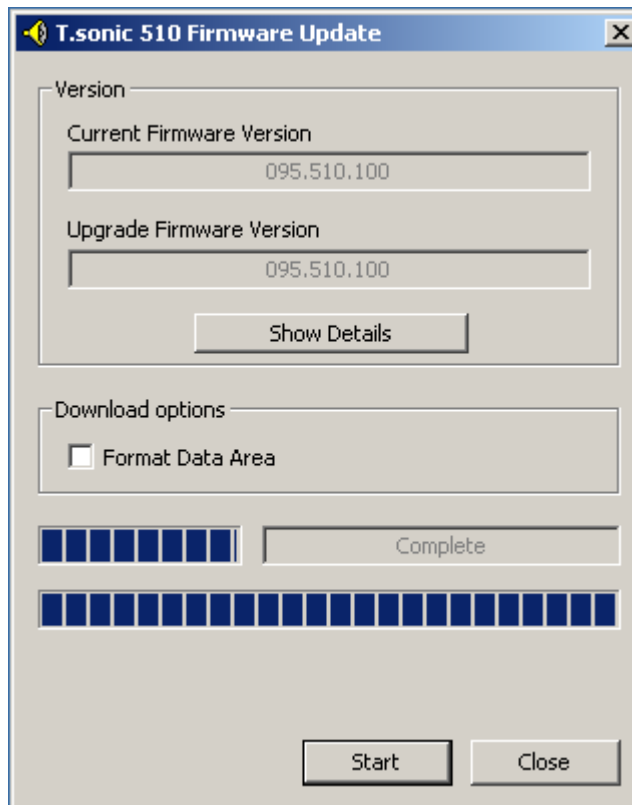
- ❖ If you have not installed the Windows® 98SE driver yet, please install it first.
2. The **T.sonic 510 Firmware Update** dialog box appears.



3. If the **Format Data Area** checkbox is checked. The **Option** message box will appear. Select **Yes** to continue.



- ❖ Running this program will erase all the data on the **T.sonic**. Please backup all of the data on the **T.sonic** first.
4. Select **Start** to initiate the Firmware Update.
  5. The **Complete** message will appear. Select **Close** to complete the **Recovery** procedure. Your **T.sonic** has now been returned to its initial status.

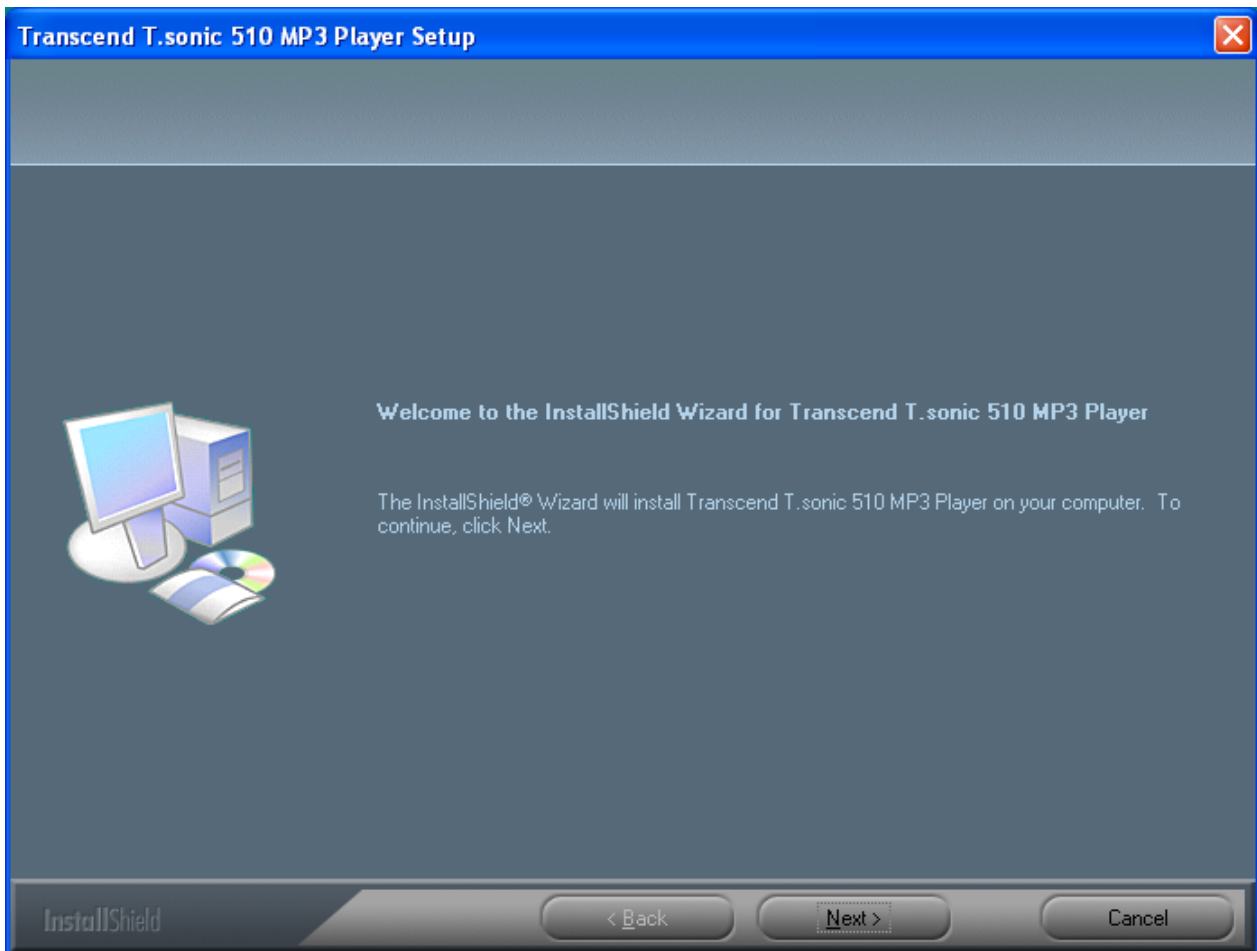


## Recovering the T.sonic in Windows® Me, 2000, and XP

- ❖ You may skip steps 1-3 if the **Recovery** program has already been installed.
1. Put the Driver CD into the CD-ROM (Auto-Run supported) and then select the **Recovery** button on the **T.sonic** splash screen.



2. Select **next** to continue.

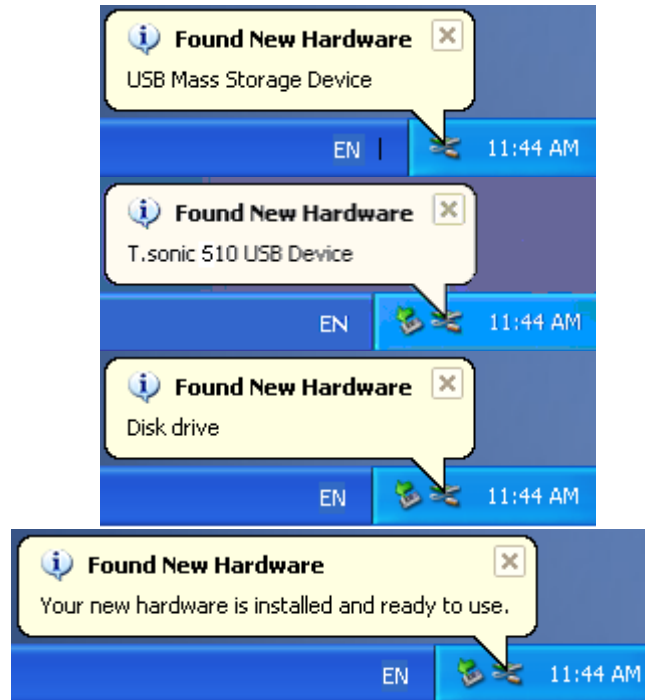



3. The InstallShield Wizard will guide you through the installation process.

4. Plug your **T.sonic** into an available USB port.



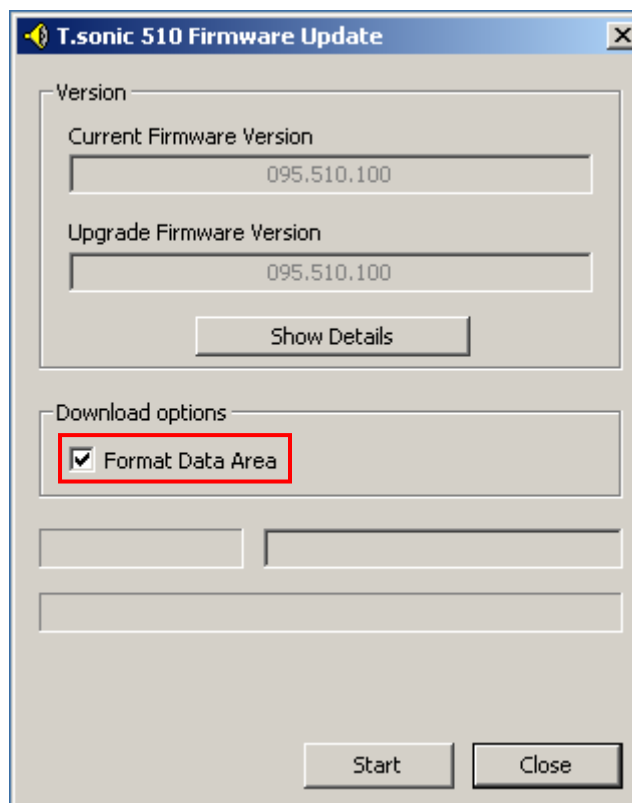
5. The **Found New Hardware** messages will appear.



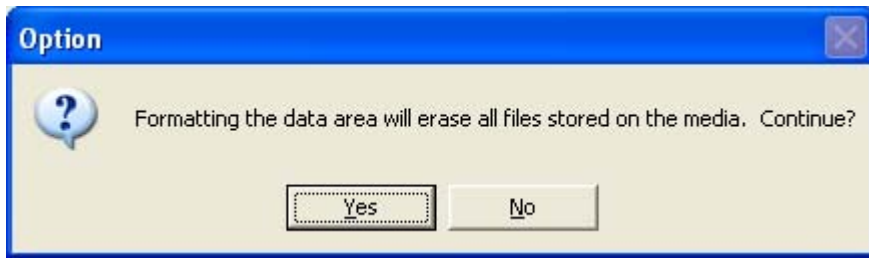
6. Select the  button on the task bar and select **Programs > Transcend T.sonic 510 >> T.sonic 510 Firmware Update** to run the **T.sonic 510 Firmware Update** program.



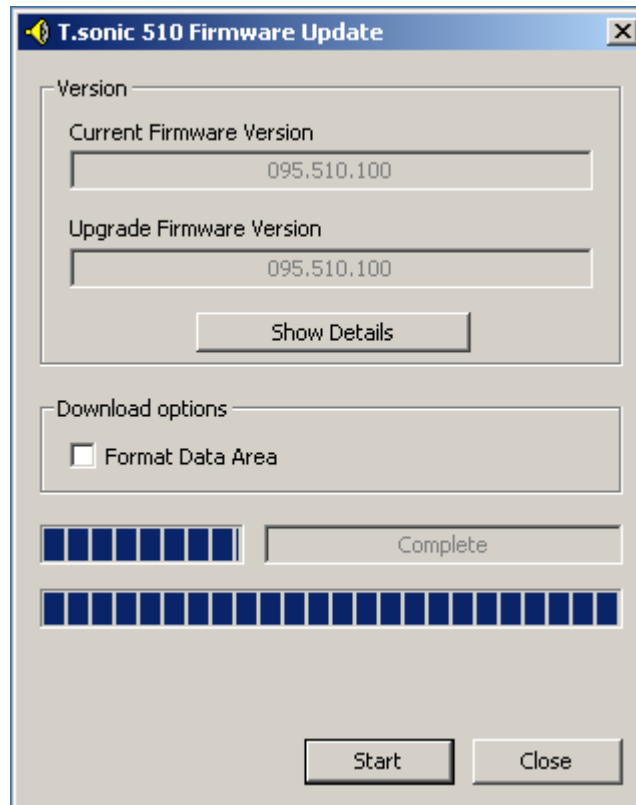
7. The **T.sonic 510 Firmware Update** dialog box will appear.



8. If the **Format Data Area** checkbox is checked. The **Option** message box will appear. Select **Yes** to continue.



- ❖ Running this program will erase all the data currently on the **T.sonic**. Please backup all of the data on the **T.sonic** first.
9. Select **Start** to initiate the Firmware Update.
10. The **Complete** message box will appear. Select **Close** to complete the **Recovery** procedure. Your **T.sonic** has now been returned to its initial status.



# Troubleshooting

If an error occurs, with your **T.sonic**, please first check the information listed below before taking your **T.sonic** for repair. If you are unable to remedy a problem from the following hints, please consult your dealer, service center, or local Transcend branch office. We also have a FAQ and Support on our websites.

## Driver CD cannot auto-run in Windows

Enter **Device Manager** in the **Control Panel** and enable the **Auto-Insert** function of the CD-ROM drive. Alternatively, you can manually execute the **T.sonic.EXE** from the driver CD.

## Operating system cannot detect the T.sonic

Check the following:

1. Is your **T.sonic** properly connected to the USB port? If not, unplug it and plug it in again.
2. Is your **T.sonic** connected to the Mac keyboard? If yes, unplug it and plug it into an available USB port on your Mac Desktop instead.
3. Is the USB port enabled? If not, refer to the user's manual of your computer (or motherboard) to enable it.
4. Is the necessary driver installed? If your computer is using Windows® 98SE, you must insert the Driver CD into the CD-ROM and refer to the "**Driver Installation for Windows® 98SE**" section to complete the driver installation before using your **T.sonic**. A driver is not required for Win® ME/2000/XP, Mac™ OS 9.0 or later, or Linux™ Kernel 2.4 or later

## Cannot power on

Check the following:

1. Is the **T.sonic** connected to your computer? If yes, unplug it.
2. Is the **HOLD** switch set to "**HOLD**"? If yes, set it to the "**OFF**" position.
3. Is the battery inserted correctly? If not, reverse the battery.
4. Is the battery out of power? If yes, please replace it with a new battery.

## Cannot download MP3 or WMA files to the T.sonic

As required, uninstall the driver and re-install it. If this doesn't work, see the **Recover Your T.sonic** Chapter to recover your **T.sonic**.

## **Buttons don't work**

Check to see if the **HOLD** switch is set to “**HOLD**”. If yes, set it to the “**OFF**” position.

## **Cannot hear track playback**

Check the following:

1. Are there any MP3 or WMA files in the **root directory** of your **T.sonic**? If not, you must download music files from your computer or the Internet first. (Only Mpeg I Layer 3 and WMA files compressed at a rate of 32Kbps–320Kbps are supported).
2. Are the earphones properly connected to the earphone jack? If not, connect them again properly.
3. Is the volume loud enough? If not, adjust the volume up until the music playback can be heard.

## **Cannot display the track name correctly on the screen**

1. The default language of the **T.sonic** is English. Please set the language option first.
2. ID3 tag information has the first display priority on the screen of the **T.sonic**. You could modify the ID3 tag by using Windows Media Player, Winamp, or other software.
3. If the ID3 tag is empty, just the file name will be shown on the screen.

## **Track playback sounds intermittent**

Plug the earphones into the earphones jack again to make sure they are properly connected.

## **T.sonic turns off automatically**

**T.sonic** features a power saving function. If your **T.sonic** is idle (not playing music or radio) for 2, 10, or 30 minutes, the power saving timer is triggered and your **T.sonic** will turn off automatically. Please refer to the “**Power Saving**” section to change the power saving settings.

## **T.sonic is NOT functioning correctly**

If your **T.sonic** ever stops responding or locks up, Please refer to the “**Recover your T.sonic**” and use the **Recovery** program to restore it to its default settings.

## **Cannot find the file that was just copied to the T.sonic**

Re-copy the file and refer to the “**Safely Remove Your T.sonic**” section to remove the **T.sonic** after the copy process is completed.

### **A File that was just deleted still appears**

Re-delete the file and refer to the “**Safely Remove Your T.sonic**” section to remove the **T.sonic** after the delete process is completed.

### **T.sonic cannot operate after it was formatted in Windows**

Formatting **T.sonic** using the “Quick Format” or “Full Format” option in Windows destroys the default format of the **T.sonic**. To retrieve the default format, you must link to **<http://www.transcendusa.com/>** and download the firmware updates for the **T.sonic**.

## Specifications

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• Size:	86 mm × 36 mm × 16.5 mm
• Weight:	25g (without battery)
• Data Retention:	Up to 10 years
• Erase Cycles:	> 100,000 times
• Signal-to-Noise Ratio:	> 90dB
• Estimated Battery Life:	8 hours (alkaline battery)
• Music Formats:	MP3 and WMA (Does not support DRM)
• Recording Format:	ADPCM (WAV)
• Compression Rates:	32Kbps–320Kbps
• Certificates:	CE, FCC, BSMI

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## Ordering Information

Memory Size	Transcend P/N
256MB	TS256MMP510
512MB	TS512MMP510

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## T.sonic Limited Warranty

**“Above and beyond” is the standard we set ourselves for customer service at Transcend. We consistently position ourselves to be significantly above the industry norm. It’s all part of our commitment to Customer Satisfaction.**

All Transcend Information, Inc. (Transcend) products are warranted and tested to be free from defects in material and workmanship and to conform to the published specifications. Should your Transcend **T.sonic** malfunction during normal use in its recommended environment due to improper workmanship or materials within the warranty period, Transcend will repair or replace your product with a comparable product. This warranty is subject to the conditions and limitations set forth herein.

**Duration of Warranty:** Transcend’s **T.sonic** is covered by this warranty for a period of two (2) years from the date of purchase. Transcend will inspect the product and make the determination as to whether the product is eligible for repair or replacement. The decision by Transcend regarding eligibility of the product for repair or replacement will be final and binding. Transcend reserves the right to provide a functionally equivalent refurbished replacement product.

**Limitations:** This warranty does not apply to products that fail due to accident, abuse, mishandling, improper installation, alteration, and acts of nature, improper usage, or problems with electrical power. Transcend’s **T.sonic** must be used with devices that conform to the recommended industry standards. Transcend will not be liable for damages resulting from a third party device that causes the Transcend product to fail. Transcend shall in no event be liable for any consequential, indirect, or incidental damages, lost profits, lost business investments, lost goodwill, or interference with business relationships as a result of lost data. Transcend is also not responsible for damage or failure of any third party equipment, even if Transcend has been advised of the possibility. This limitation does not apply to the extent that it is illegal or unenforceable under applicable law.

**Disclaimer:** The foregoing limited warranty is exclusive, with no other warranties, implied or statutory, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. This warranty is not affected in any part by Transcend providing technical support or advice.

**Online Registration:** To expedite warranty service, please register your Transcend Product within 30 days of purchase.

Register online at <http://www.transcendusa.com/registration>

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Exceeding Your Expectations

**Transcend Information, Inc.**

[www.transcendusa.com](http://www.transcendusa.com)

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