

USB2.0

T.sonic[™] 820

User's Manual

Transcend
Exceeding Your Expectations

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Introduction

Thank you for purchasing Transcend's **T.sonic™ 820**. The **T.sonic™ 820** is an advanced Flash MP3 Player that can play **Music**, **Video** and **Photos**. The **T.sonic™ 820** combines all the advantages of a great sounding MP3 player with a USB Flash Drive and includes many extra features as standard such as, an FM Radio, Advanced Digital Voice Recorder, Direct Line-In recording, Karaoke-type Lyrics display, A-B repeat functions and variable Track Playback speeds. Your **T.sonic™ 820** can also be used to read **E-books** and it supports Hi-speed USB 2.0 for faster uploading and downloading of files to and from a computer. Using the A-B repeat and variable Track Playback speed features allows you to continuously replay a designated section of a track at slower/faster speeds; this makes the **T.sonic™ 820** an ideal language-learning tool. In addition, you can record memos to yourself or from others using the advanced digital voice recorder and the unit's Line-In recording feature lets you record music, or audio books directly from a CD Player, or external microphone to your **T.sonic™ 820**. The stylish **T.sonic™ 820** from Transcend will change the way you think about your multimedia content forever.

Package Contents

The **T.sonic™ 820** package includes the following items:

- T.sonic™ 820



- Earphones



- Software CD



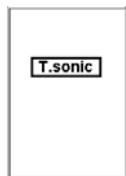
- Mini USB to USB A-Type cable



- Direct Line-In Recording cable



- Quick Instruction Guide



Features

- 1.5-inch (128 x 128 pixel) SuperColor OLED Display for Playing Videos and Photos
- Plays **Music**, **Video** (.mtv) and **Photos** (.jpg, .bmp)
- MP3 Player supports MP3, WMA, WMA-DRM10 (subscription music) and WAV music formats
- FM Radio (FM Radio recording and the ability to preset 9 FM radio stations)
- Advanced Digital Voice Recorder
- Ability to read **E-books** (.txt)
- Karaoke-type lyrics display
- Direct Line-In recording using an External Microphone, or Line-In (e.g. CD Player) connection
- VAD (Voice Activation Detection), Very High quality Gapless Audio Recordings
- Playlist Builder
- A-B repeat function allows you to continuously replay a designated section of a track
- Variable Track Playback speeds
- Supports 13 user languages including song/artist name display
- USB Flash Drive capabilities for data transfer and storage
- Included Software can be used to Lock your computer and setup Passwords for your files
- 7 Equalizer effects, including a customizable USER EQ setting
- Powered using a rechargeable Li-ion battery (fully charged battery supports over 15 hours of continuous music operation)
- Hi-Speed Mini USB 2.0 port for easy computer connectivity and fast file transfers
- Real Time Clock (RTC) displays local and world times
- Sleep Mode, preset the player to Auto-Power OFF after 15, 30, or 60 minutes
- Automatic screen saver runs if the unit is idle for more than a few seconds, this acts as a battery saving measure

System Requirements

Desktop or notebook computer with a working USB port.

One of the following Operating Systems (OS):

- Windows® Me
 - Windows® 2000
 - Windows® XP
 - Mac™ OS 10.0, or later
 - Linux™ Kernel 2.4, or later
-

Safety Precautions

These usage and safety guidelines are **IMPORTANT!** Please follow them carefully.



Your T.sonic™ 820 is connected to a computer using a Mini USB to USB A-Type cable. Please ensure that you connect the cable ends to the ports correctly.

General Use

- Carefully unpack the contents of the **T.sonic™** package.
- Do not allow your **T.sonic™** to become damp or wet from water or any other liquids.
- Do not use a damp/wet cloth to wipe or clean the exterior case.
- Do not use or store your **T.sonic™** in any of the listed environments:
 - Direct sunlight
 - Next to an air conditioner, electric heater or other heat sources
 - In a closed car that is in direct sunlight

Backing Up Data

- **Transcend does NOT take any responsibility for data loss, or damage during operation.** If you decide to store data on your **T.sonic™** we strongly advise that you regularly backup the data to a computer, or other storage medium.
- To ensure Hi-Speed USB 2.0 data transfer rates when using the **T.sonic™ 820**, please check the computer has the relevant USB drivers installed. If you are unsure on how to check this, please consult the computer, or motherboard User's Manual for USB driver information.

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. 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 of 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 its accompanying earphones are compliant with the French regulation concerning musical Walkmans (24th July 1998 Order).
5. Before using other earphones, confirm that their technical specifications are compatible with the original set.

Reminders

1. Make sure the **LOCK** switch is set to "**OFF**" before trying to Power ON the unit.
 2. Never use the "Quick Format," or "Full Format" in Windows® to format your **T.sonic™ 820**.
 3. Follow the procedures in the "**Disconnecting from a Computer**" section to remove your **T.sonic™ 820** from a computer.
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Product Overview



A		Microphone
B		Earphones Jack
C		Neck Strap hole
D		Line-In Port
E		Hi-Speed Mini USB 2.0 Port
F		LOCK Switch
G		Volume Up Button
H		RECORD Button
I		Back-Fast Rewind Button
J		POWER ON-OFF Button
K		Reset Switch
L		Volume Down Button
M		Navigation Button
N		Next-Fast Forward Button
O		Menu Button
P		PLAY/PAUSE Button
Q		SuperColor OLED Display

Color OLED Display

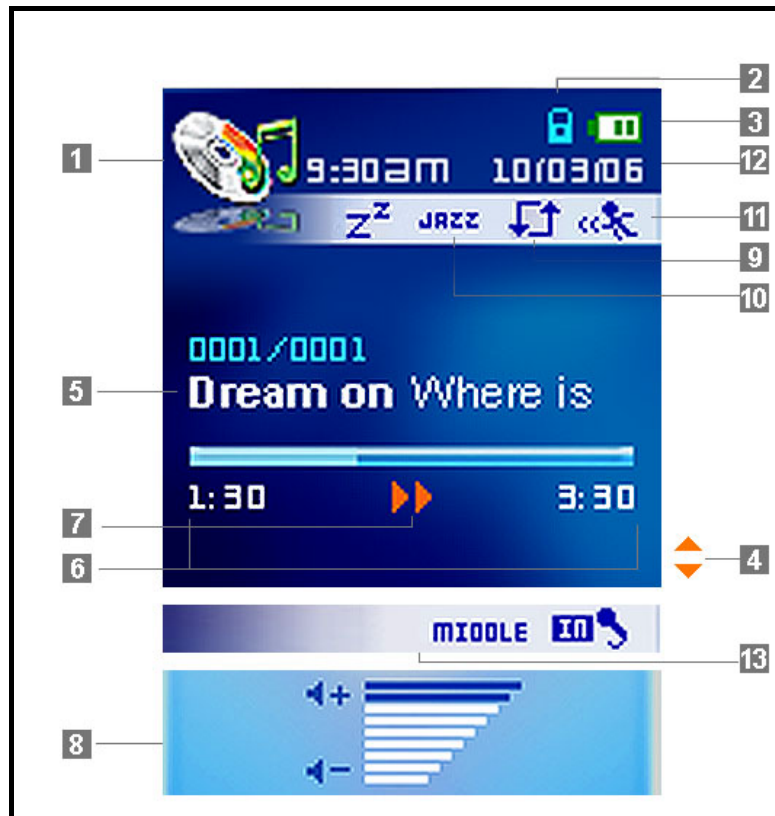


Figure 1. Color OLED Display

	ICON	INDICATION
1	Player Mode	Indicates the MUSIC, RADIO, RECORD, VIDEO, PHOTO, E-book Modes
2	Lock	Indicates when the Lock switch is enabled
3	Battery	Indicates the Battery power level
4	Scrollbar	Indicates the file length
5	Album/Artist	Indicates the Song title and Album and/or Artist name
6	Track Info	Indicates the Playtime length
7	Player Status	Indicates the Play, Pause, Fast Forward, Fast Rewind and Record status
8	Volume	Indicates the volume level
9	A-B Repeat	Indicates the A-B Repeat/Repeat/Shuffle modes: Normal, Repeat One, Repeat All, Shuffle and Normal/Repeat/Shuffle in a Folder
10	EQ Mode	Indicates the Equalizer (EQ) mode: Normal, POP, Rock, Classical, Jazz, Bass and USER EQ
11	Play Speed	Indicates the Playback speed
12	Time & Date	Real Time Clock (RTC) displays times & Date
13	REC settings	Indicates the Recording Source, Recording Quality and VAD

Basic Operation



Before using the T.sonic™ 820 for the first time you need to charge the internal battery for at least 12 hours by plugging it into a computer using the Mini USB to USB A-Type cable.

Charging the Battery

Plug the small end of the Mini USB to USB A-Type cable into the Mini USB connector on the T.sonic™ 820 and plug the large end of the cable into an available USB port on your desktop, or notebook computer. The T.sonic™ 820's internal Li-ion battery will begin charging.

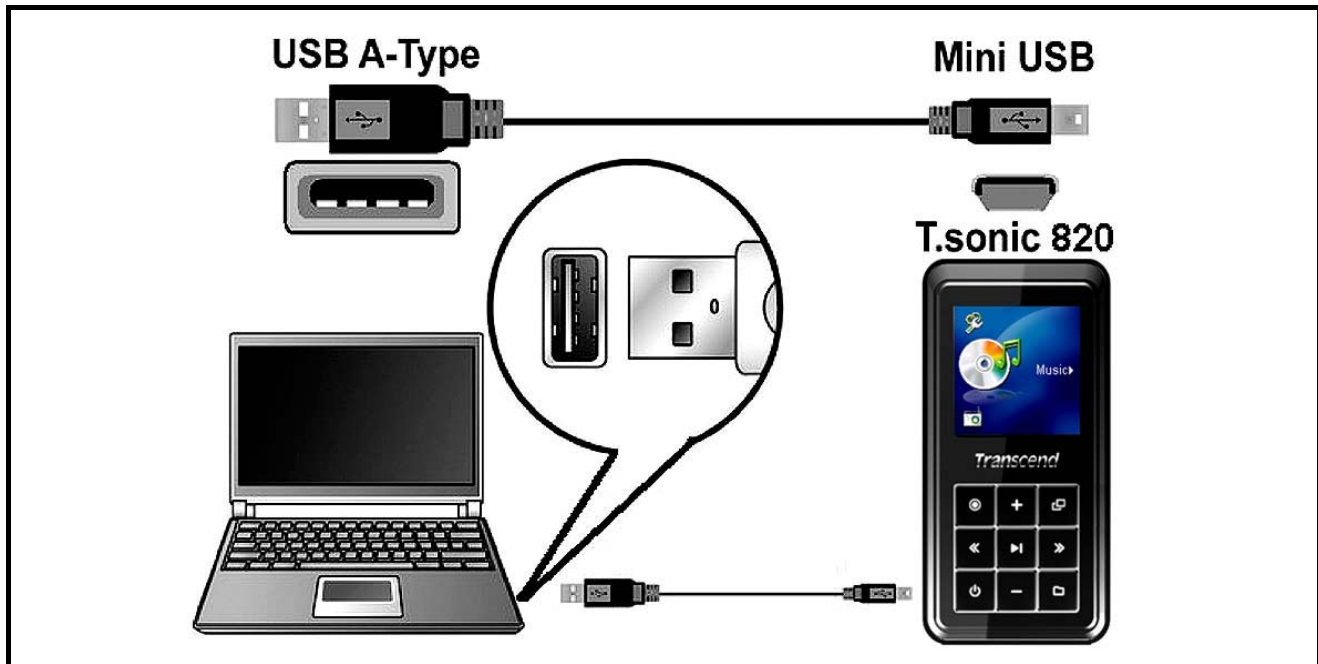

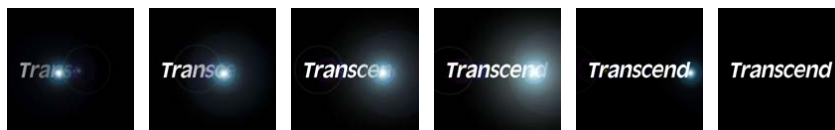



Figure 2. Connecting to a Computer


Power ON

Press and Hold the “**POWER ON-OFF**” button  to Power ON the T.sonic™ 820. An animated logo will appear on the Color OLED Display. After the startup screen disappears the player will revert to the default **MUSIC** Mode screen, you can now begin to use the T.sonic™ 820.




- ❖ It takes a few seconds to Power ON the unit.
- ❖ When powering on the unit, if the **LOCK** icon  appears on the OLED Display, this means that the T.sonic™ 820's “**LOCK**” switch is on. You must switch off the “**LOCK**” before you can Power ON the T.sonic™ 820.

Power OFF

- Press and Hold the “**POWER ON-OFF**” button  to Power OFF the **T.sonic™ 820**.
- ❖ It takes a few seconds to Power OFF the unit.
- ❖ The Color OLED screen will display the Power OFF status.




Play a Track

- Press the “**PLAY/PAUSE**” button  to play a selected Music, Video, Photo, E-book, or Recorded file.

Pause a Track

- Press the “**PLAY/PAUSE**” button  to pause a track during playback.

Next Track

- Press the “**Next-Fast Forward**” button  to skip to the Next track.

Previous Track

- Press the “**Back-Fast Rewind**” button  to return to the Previous track.

Fast Forward

- Press and Hold the “**Next-Fast Forward**” button  to Fast Forward a track.

Fast Rewind

- Press and Hold the “**Back-Fast Rewind**” button  to Fast Rewind a track.


Increase Volume

- Press once, or Press and Hold the “**Volume Up**” button  until you reach the desired volume level.


Decrease Volume

- Press once, or Press and Hold the “**Volume Down**” button  until you reach the desired volume level.

Main Menu



- Press the “**Menu**” button  in any Mode to enter the Main Menu. The Main Menu gives you access to the **MUSIC, RADIO, RECORD, VIDEO, PHOTO, E-book** and **SETTINGS** Modes.

File Navigation

- Press the “**Navigation**” button  in the **MUSIC**, **RECORD**, **VIDEO**, **PHOTO**, or **E-book** Mode to enter the File Navigator for that mode.

Make an Audio Recording




The Default **Recording** Mode for the **T.sonic™ 820** is its **Built-in Microphone**.

- Press and Hold the “**RECORD**” button  for more than 2 seconds in any mode except the **RADIO** Mode will activate the **T.sonic™ 820**'s built-in microphone and begin recording.
- Press and Hold the “**RECORD**” button  for more than 2 seconds during a recording to stop the recording.
- Recorded audio files are saved in the **RECORD** Mode.


Repeat/Shuffle Functions

Normal, **Repeat One**, **Repeat All**, or **Shuffle** a track and **Normal/Repeat/Shuffle** tracks in a Folder, Please see the “**REPEAT Mode**” in the **Settings** section for detailed instructions.

A-B Repeat: Repeat a Section of a Track

- In the **MUSIC**, or **RECORD** Modes', press the “**RECORD**” button  once to mark the beginning of the track you wish to repeat.
- Press the “**RECORD**” button  again to mark the end of the section of the track you wish to repeat.
- The marked section of the track is played as a continuous loop when playing an MP3, WMA, WMA-DRM10, or WAV track.
- Press the “**RECORD**” button  for a third time to stop the track repeating.

Lock

When the “**LOCK**” switch  is set to the “**ON**” position, all of the **T.sonic™ 820**'s buttons are disabled.

Reset the T.sonic™ 820

You can **Reset** the unit by pressing the “**Reset**” button  for 3 to 5 seconds.

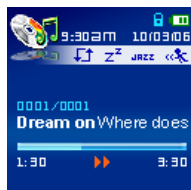
MUSIC Mode








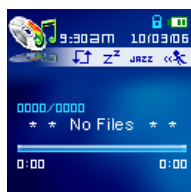
If you want to buy DRM (Digital Rights Management) music online please be advised that the T.sonic™ 820 only supports WMA-DRM10 music files and you must use the MTP **Music Transfer Mode** to transfer the files to the player.




Play MP3, WMA and WMA-DRM10 (Subscription) Music

1. Press and Hold the “**POWER ON-OFF**” button  to Power ON the unit. The default screen is the **MUSIC** Mode screen.



- ❖ You can also enter the **MUSIC** Mode by pressing the “**Menu**” button  to enter the Main Menu, then press the “**Volume Up**” button , or “**Volume Down**” button  until you reach the “**MUSIC**” icon. Press the “**PLAY/PAUSE**” button , or “**Next-Fast Forward**” button  to enter the **MUSIC** Mode.
2. If no MP3, WMA, or WMA-DRM10 files exist, a “*****No Files*****” message will be displayed on the Color OLED screen.

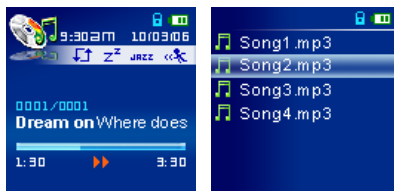











3. Press the “**Next-Fast Forward**” button , or “**Back-Fast Rewind**” button  to select a desired MP3/WMA, or WMA-DRM10 file.
 4. Press the “**PLAY/PAUSE**” button  to play the MP3/WMA, or WMA-DRM10 music file.
- ❖ **T.sonic™ 820** only supports Mpeg I Layer 3 and WMA files compressed at a rate between 32Kbps – 320Kbps.

File Navigator Mode


The File Navigator is a fast and convenient way of moving between tracks, files and folders. You can also use the File Navigator to select Music files for your own personal Playlist. The order in which you select files for inclusion in your Playlist is the order the files will be played.

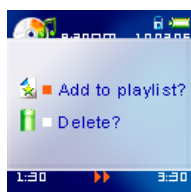
1. Press the “**Navigation**” button  to enter the **Navigator**.







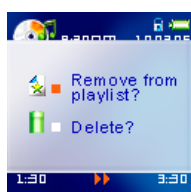
2. Press the “**Volume Up**” button , or “**Volume Down**” button  to select a folder.
3. Press the “**Next-Fast Forward**” button  to enter a folder, press the “**Volume Up**” button , or “**Volume Down**” button  to select a file and press the “**PLAY/PAUSE**” button  to play a selected music file.
4. Pressing the “**Back-Fast Rewind**” button  will move you up one folder level.
5. Pressing the “**Back-Fast Rewind**” button  repeatedly will take you back to the root directory **[/Root.DIR/]** (top folder level).
6. Pressing the “**Back-Fast Rewind**” button  in the root directory **[/Root.DIR/]** (top folder level) will quit the **Navigator**.

Create a Favorites Playlist

1. In the **NAVIGATOR** Mode select a file that you want to add to your Playlist.
2. Press the “**Navigation**” button  to open the **Add to playlist**, or **Delete** a file options.



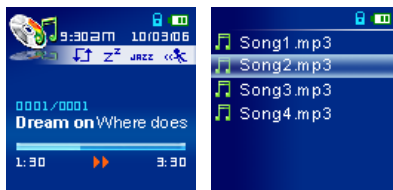
3. Press the “**Volume Up**” button , or “**Volume Down**” button  to select the **Add to playlist** option, press the “**PLAY/PAUSE**” button  to add the track to your Playlist.
4. A track can be removed from your Playlist by selecting a Playlist track, then press the “**Navigation**” button  to open the **Remove from playlist**, or **Delete** a file options.











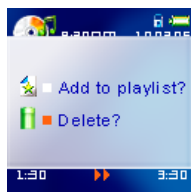
5. Press the “**Volume Up**” button , or “**Volume Down**” button  to select the **Remove from playlist** option, press the “**PLAY/PAUSE**” button  to remove it from your Playlist.


Delete a file in the MUSIC Mode

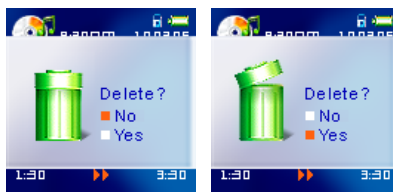
1. In the **MUSIC** Mode, Press the “**Navigation**” button  to enter the **Navigator**.



2. Press the “**Volume Up**” button , or “**Volume Down**” button  to select a folder.
3. Press the “**Next-Fast Forward**” button  to enter a folder, press the “**Volume Up**” button , or “**Volume Down**” button  to select a file.
4. Press the “**Navigation**” button  to open the **Mark/Unmark**, or **Delete** a file options. Press the “**Volume Up**” button , or “**Volume Down**” button  to select the **DELETE** option.









5. Press the “**Volume Up**” button , or “**Volume Down**” button  to select **YES**, or **NO** to Delete the file and press the “**PLAY/PAUSE**” button  to confirm the selection and return to the **NAVIGATOR** Mode.



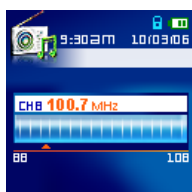
RADIO Mode

Listen to the Radio

1. The Earphones  must be plugged in to listen to the Radio.
2. Press the “Menu” button  to enter the Main Menu.
3. Press the “Volume Up” button , or “Volume Down” button  until you reach the “RADIO” icon. Press the “PLAY/PAUSE” button , or “Next-Fast Forward” button  to enter the RADIO Mode.







4. The FM Radio Frequency will be displayed on the Color OLED screen.



- ❖ For your convenience the first time you use the Radio, all the FM channels will be automatically scanned and the first 9 channels with a strong signal will be preset. This feature also works if you activate the “FM Reset” in the **SETTINGS** menu.



Selecting a Radio Station

You can manually search for a Radio station in the **RADIO** Mode.

1. Press the “Next-Fast Forward” button , or “Back-Fast Rewind” button  to adjust the FM frequency by 0.1 MHz each time until you reach the desired station. Alternatively, you can Press and Hold the “Next-Fast Forward” button , or “Back-Fast Rewind” button  to quickly auto-scan for the next available channel.




Increase/Decrease the Volume

1. Press once, or Press and Hold the “Volume Up” button , or “Volume Down” button  until you reach the desired volume level.

Saving a Radio Station


You can save your 9 favorite Radio stations from CH 01 to CH 9 in the **T.sonic™ 820**'s memory.

1. Select the Radio station (FM frequency) that you wish to save.
2. Press the “**Navigation**” button  to display the channel numbers 1 to 9 at the screen.



3. Press and hold the corresponding button to save the selected station to the channel number.


Recall a Saved Station

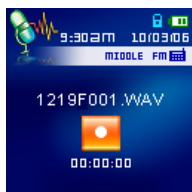
1. In the **RADIO** Mode press the “**Navigation**” button  to display the channel numbers 1 to 9 at the screen.






2. Press the corresponding button to select the channel number of the Radio station to which you want to listen then the Radio station that has been saved to this channel will begin to play.
3. The screen will return to the **RADIO** Mode displaying the saved FM frequency.

Record a Radio Station

1. Select the Radio station (FM frequency) that you wish to record.
2. Press and Hold the “**RECORD**” button  for more than 2 seconds to begin recording the station.
3. A recording FM Radio file is generated and will appear on the screen; this file is saved in the **RECORD** Mode in the **[/FMIN.DIR/]** folder.



4. Files Recorded from the FM Radio are named in the order **[Month/DayF001.WAV]**, then **[Month/DayF002.WAV]**, and so forth.
5. Pressing the “**PLAY/PAUSE**” button  during a recording will Pause the recording, pressing the “**PLAY/PAUSE**” button  again will resume the recording.

6. Press and Hold the “**RECORD**” button  for more than 2 seconds during a recording to stop the recording and the screen will return to the **RADIO** Mode.
7. **Radio** Recordings are saved in the **RECORD** Mode in the **[/FMIN.DIR/]** folder, Recorded Radio files are saved in the order **[Month/DayF001.WAV]**, then **[Month/DayF002.WAV]**, and so forth. Recorded Radio files can be accessed using the **File Navigator**.

Record Sound	Sample rate	Channels	2GB	4GB
	Low (8KHz)	2 (stereo)	64 hrs	128 hrs
	Med (16KHz)	2 (stereo)	32 hrs	64 hrs
	High (32KHz)	2 (stereo)	16 hrs	32 hrs

- ❖ If not enough memory space is available, or the battery power is too low, the **T.sonic™ 820** cannot support the maximum recording capacity as outlined in the above table.

RECORD Mode

Record Sound







The **T.sonic™ 820** has advanced recording features and is capable of recording audio from 4 different sources: **FM Radio**, **Built-In Microphone**, **External Microphone**, or **Line-In** (e.g. CD Player), all are capable of making very high quality Audio Recordings.

The **FM Radio** recording feature has been covered in the previous section "[Record a Radio Station](#)."

If you want to make a recording using the **T.sonic™ 820's Built-In Microphone** you must select the "**MIC**" as the recording source.

Select a Recording Device




The default Audio **Recording** method for the **T.sonic™ 820** is its **Built-In Microphone**. However, you have the option of selecting an **External Microphone**, or **Line-In** Device to make a recording.

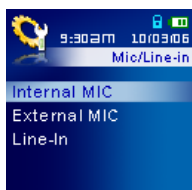
1. Pressing and Holding the "**RECORD**" button  for more than 2 seconds in any Mode except the **RADIO** Mode will begin an audio recording using the **T.sonic™ 820's** Built-in Microphone.
2. Select a recording device by Pressing the "**Menu**" button  to enter the Main Menu.
3. Press the "**Volume Up**" button , or "**Volume Down**" button  until you reach the "**SETTINGS**" icon. Press the "**PLAY/PAUSE**" button , or "**Next-Fast Forward**" button  to enter the **SETTINGS** Mode.




4. In the **SETTINGS** Mode, Press the "**Volume Up**"  / "**Volume Down**" , or "**Next-Fast Forward**"  / "**Back-Fast Rewind**"  buttons to select the **REC Input Device** icon, then press the "**PLAY/PAUSE**" button  to enter the **REC INPUT DEVICE** Mode.






5. In the **REC INPUT DEVICE** Mode, Press the "**Volume Up**" button , or "**Volume Down**" button  to select the **MIC (Internal Microphone)**, **Ext MIC (External Microphone)**, or **Line-In** (e.g. **CD Player**) as the recording device, then press the "**PLAY/PAUSE**" button  to confirm the selection.



Record using the Built-In Microphone

1. Unless otherwise selected, Pressing and Holding the “**RECORD**” button  for more than 2 seconds in any mode except the **RADIO** Mode will begin an audio recording using the **T.sonic™ 820**'s Built-in Microphone.
2. A Recording file is generated and will appear on the screen; this file is saved in the **RECORD** Mode in the **[/MICIN.DIR/]** folder.




3. Files Recorded using the Built-in Microphone are named in the order **[Month/DayM001.WAV]**, then **[Month/DayM002.WAV]** and so forth.
4. Pressing the “**PLAY/PAUSE**” button  during a recording will Pause the recording, pressing the “**PLAY/PAUSE**” button  again will resume the recording.
5. Press the “**RECORD**” button  for more than 2 seconds during a recording to stop the recording and the screen will return to the **RECORD** Mode.
6. Recorded audio files can be accessed in the **RECORD** Mode, or by using the **File Navigator**.




	Sample rate	Channels	2GB	4GB
Record Sound	Low (8KHz)	1 (mono)	128 hrs	256 hrs
	Med (16KHz)	1 (mono)	64 hrs	128 hrs
	High (32KHz)	1 (mono)	32 hrs	64 hrs

- ❖ If not enough memory space is available, or the battery power is too low, the **T.sonic™ 820** cannot support the maximum recording capacity as outlined in the above table.
- ❖ The closer you move the **T.sonic™ 820**'s Microphone to the source of the sound the higher the quality of the recording.

Record using the External Microphone

1. In the **REC INPUT DEVICE** Mode select **Ext MIC (External Microphone)** as the recording device.
2. Plug an External Microphone into the **T.sonic™ 820's Line-In** port.
3. Press and Hold the “**RECORD**” button  for more than 2 seconds to begin an audio recording using the **External Microphone**.
4. A Recording file is generated and will appear on the screen; this file is saved in the **RECORD** Mode in the **[/MICIN.DIR/]** folder.




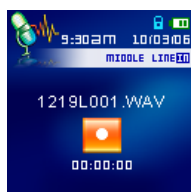
5. Files Recorded using an External Microphone are named in the order **[Month/DayM001.WAV]**, then **[Month/DayM002.WAV]** and so forth.
6. Pressing the “**PLAY/PAUSE**” button  during a recording will Pause the recording, pressing the “**PLAY/PAUSE**” button  again will resume the recording.
7. Press the “**RECORD**” button  for more than 2 seconds during a recording to stop the recording and the screen will return to the **RECORD** Mode.
8. Recorded audio files can be accessed in the **RECORD** Mode, or by using the **File Navigator**.




	Sample rate	Channels	2GB	4GB
Record Sound	Low (8KHz)	1 (mono)	128 hrs	256 hrs
	Med (16KHz)	1 (mono)	64 hrs	128 hrs
	High (32KHz)	1 (mono)	32 hrs	64 hrs

- ❖ If not enough memory space is available, or the battery power is too low, the **T.sonic™ 820** cannot support the maximum recording capacity as outlined in the above table.
- ❖ The closer you move the **External Microphone** to the source of the sound the higher the quality of the recording.

Record using the Line-In connection

1. In the **REC INPUT DEVICE** Mode select **Line-In** as the recording device.
2. Plug the Line-In cable into the **T.sonic™ 820**'s **Line-In** port and connect the other end of the Line-In cable to a compatible source device e.g. CD Player.
3. Press and Hold the “**RECORD**” button  for more than 2 seconds to begin recording the source device using the **T.sonic™ 820**'s Line-In connection.
4. A Recording file is generated and will appear on the screen; this file is saved in the **RECORD** Mode in the **[/LINEIN.DIR/]** folder.











5. Files Recorded using the Line-In are named in the order **[Month/DayL001.WAV]**, then **[Month/DayL002.WAV]** and so forth.
6. Pressing the “**PLAY/PAUSE**” button  during a recording will Pause the recording, pressing the “**PLAY/PAUSE**” button  again will resume the recording.
7. Press the “**RECORD**” button  for more than 2 seconds during a recording to stop the recording and the screen will return to the **RECORD** Mode.
8. Recorded files can be accessed in the **RECORD** Mode, or by using the **File Navigator**.

Record Sound	Sample rate	Channels	2GB	4GB
	Low (8KHz)	2 (mono)	64 hrs	128 hrs
	Med (16KHz)	2 (mono)	32 hrs	64 hrs
	High (32KHz)	2 (mono)	16 hrs	32 hrs

- ❖ If not enough memory space is available, or the battery power is too low, the **T.sonic™ 820** cannot support the maximum recording capacity as outlined in the above table.

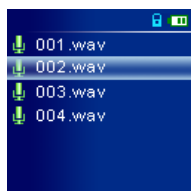
Play a Recorded Sound File










1. Press the “**Menu**” button  to enter the Main Menu.
2. Press the “**Volume Up**” button , or “**Volume Down**” button  until you reach the “**RECORD**” icon. Press the “**PLAY/PAUSE**” button , or “**Next-Fast Forward**” button  to enter the **RECORD** Mode.
3. Press the “**Next-Fast Forward**” button , or “**Back-Fast Rewind**” button  to select a desired [Month/DayF00x.WAV], [Month/DayM00x.WAV], or [Month/DayL00x.WAV] file.
4. Press the “**PLAY/PAUSE**” button  to play the recorded file.

File Navigator Mode











The File Navigator is a fast and convenient way of moving between tracks, files and folders.

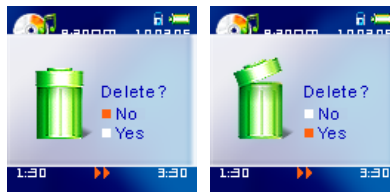
1. In **RECORD** Mode, Press the “**Navigation**” button  to enter the **Navigator**.



2. Press the “**Volume Up**” button , or “**Volume Down**” button  to select the [/MICIN.DIR/], or [/LINEIN.DIR/] folder.
3. Press the “**Next-Fast Forward**” button  to enter the [/MICIN.DIR/], or [/LINEIN.DIR/] folder, press the “**Volume Up**” button , or “**Volume Down**” button  to select a [Month/DayM00x.WAV], or [Month/DayL00x.WAV] file and press the “**PLAY/PAUSE**” button  to play the file.
4. Pressing the “**Back-Fast Rewind**” button  will move you up one folder level.
5. Pressing the “**Back-Fast Rewind**” button  repeatedly will take you back to the root directory [/Root.DIR/] (top folder level).
6. Pressing the “**Back-Fast Rewind**” button  in the root directory [/Root.DIR/] (top folder level) will quit the **Navigator**.

Delete a file in the RECORD Mode

1. Press the “**Navigation**” button  to enter the **Navigator**.
2. Press the “**Volume Up**” button , or “**Volume Down**” button  to select a folder.
3. Press the “**Next-Fast Forward**” button  to enter a folder, press the “**Volume Up**” button , or “**Volume Down**” button  to select a file and press the “**Navigation**” button  to enter the **DELETE FILE** Mode.
4. Press the “**Volume Up**” button , or “**Volume Down**” button  to select **YES**, or **NO** to Delete the file and press the “**PLAY/PAUSE**” button  to confirm the selection and return to the **NAVIGATOR** Mode.








VIDEO Mode








If you want to play Videos on your T.sonic™ 820 you must convert your Video file(s) to the '.mtv' file format before transferring the Video to the player.

Play MTV Video files on your T.sonic™ 820

1. Press the “Menu” button  to enter the Main Menu.
2. Press the “Volume Up” button , or “Volume Down” button  until you reach the “VIDEO” icon. Press the “PLAY/PAUSE” button , or “Next-Fast Forward” button  to enter the VIDEO Mode.

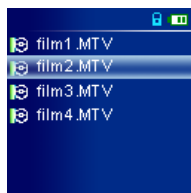









3. Press the “Volume Up” button , or “Volume Down” button  to select a desired MTV file.
 4. Press the “PLAY/PAUSE” button  to play the Video file.
 5. During Video Playback Pressing and Holding the “Next-Fast Forward” button  will Fast Forward the Video and Pressing and Holding the “Back-Fast Rewind” button  will Fast Rewind the Video.
- ❖ T.sonic™ 820 only supports “.mtv” video files. You must use the “[Transcend Multimedia Converter](#)” Software to convert “.MPEG4,” “.DivX,” “.AVI” and “.xVID” video files to the “.mtv” format.



File Navigator Mode

The File Navigator is a fast and convenient way of moving between files and folders.

1. In the VIDEO Mode, Press the “Navigation” button  to enter the Navigator.












2. Press the “Volume Up” button , or “Volume Down” button  to select a folder.
3. Press the “Next-Fast Forward” button  to enter a folder, press the “Volume Up” button , or “Volume Down” button  to select a file and press the “PLAY/PAUSE” button  to play a selected Video file.
4. Pressing the “Back-Fast Rewind” button  will move you up one folder level.

5. Pressing the “**Back-Fast Rewind**” button  repeatedly will take you back to the root directory **[/Root.DIR/]** (top folder level).
6. Pressing the “**Back-Fast Rewind**” button  in the root directory **[/Root.DIR/]** (top folder level) will quit the **Navigator**.

Delete a file in the VIDEO Mode

1. Press the “**Navigation**” button  to enter the **Navigator**.



2. Press the “**Volume Up**” button , or “**Volume Down**” button  to select a folder.
3. Press the “**Next-Fast Forward**” button  to enter a folder, press the “**Volume Up**” button , or “**Volume Down**” button  to select a file and press the “**Navigation**” button  to enter the **DELETE FILE** Mode.
4. Press the “**Volume Up**” button , or “**Volume Down**” button  to select **YES**, or **NO** to Delete the file and press the “**PLAY/PAUSE**” button  to confirm the selection and return to the **NAVIGATOR** Mode.

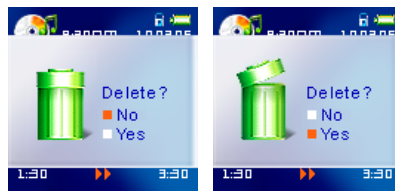







PHOTO Mode




If you want to display Photos on your T.sonic™ 820 you must select a '.jpg' or '.bmp' photo file to transfer to the player.

Display JPG and BMP Photo files on your T.sonic™ 820

1. Press the “Menu” button  to enter the Main Menu.
2. Press the “Volume Up” button , or “Volume Down” button  until you reach the “PHOTO” icon. Press the “PLAY/PAUSE” button , or “Next-Fast Forward” button  to enter the PHOTO Mode.

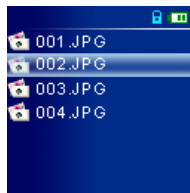











3. Press the “Volume Up” button , or “Volume Down” button  to select a desired JPG, or BMP file.
 4. Press the “PLAY/PAUSE” button  to display the Photo file, press the “PLAY/PAUSE” button  again to begin the Photo Slideshow.
- ❖ T.sonic™ 820 only supports “.jpg” and “.bmp” photo files.

File Navigator Mode











The File Navigator is a fast and convenient way of moving between files and folders.

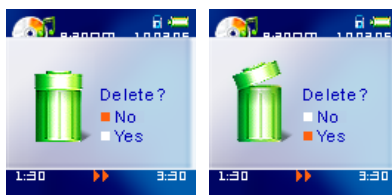
1. In the PHOTO Mode, Press the “Navigation” button  to enter the Navigator.



2. Press the “Volume Up” button , or “Volume Down” button  to select a folder.
3. Press the “Next-Fast Forward” button  to enter a folder, press the “Volume Up” button , or “Volume Down” button  to select a file and press the “PLAY/PAUSE” button  to display a selected Photo file.
4. Pressing the “Back-Fast Rewind” button  will move you up one folder level.
5. Pressing the “Back-Fast Rewind” button  repeatedly will take you back to the root directory **[/Root.DIR/]** (top folder level).
6. Pressing the “Back-Fast Rewind” button  in the root directory **[/Root.DIR/]** (top folder level) will quit the Navigator.

Delete a file in the PHOTO Mode

1. Press the “**Navigation**” button  to enter the **Navigator**.
2. Press the “**Volume Up**” button , or “**Volume Down**” button  to select a folder.
3. Press the “**Next-Fast Forward**” button  to enter a folder, press the “**Volume Up**” button , or “**Volume Down**” button  to select a file and press the “**Navigation**” button  to enter the **DELETE FILE** Mode.
4. Press the “**Volume Up**” button , or “**Volume Down**” button  to select **YES**, or **NO** to Delete the file and press the “**PLAY/PAUSE**” button  to confirm the selection and return to the **NAVIGATOR** Mode.








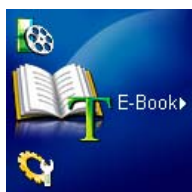
E-book Mode








If you want to read E-books on your T.sonic™ 820 you must select a '.txt' E-book file to transfer to the player.

Read TXT E-book files on your T.sonic™ 820

1. Press the “Menu” button  to enter the Main Menu.
2. Press the “Volume Up” button , or “Volume Down” button  until you reach the “E-book” icon. Press the “PLAY/PAUSE” button , or “Next-Fast Forward” button  to enter the E-book Mode.

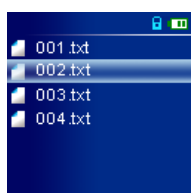










3. Press the “Volume Up” button , or “Volume Down” button  to select a desired TXT file.
 4. Press the “PLAY/PAUSE” button  to display the E-book.
 5. Press the “Volume Up” button , or “Volume Down” button  to move Up/Down to the Previous/Next line of text in the E-book.
- ❖ T.sonic™ 820 only supports “.txt” E-book files.

File Navigator Mode

The File Navigator is a fast and convenient way of moving between files and folders.











1. In the E-book Mode, Press the “Navigation” button  to enter the Navigator.

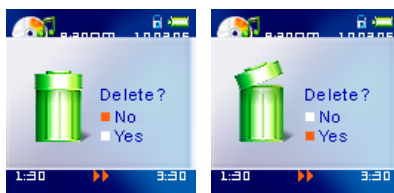


2. Press the “Volume Up” button , or “Volume Down” button  to select a folder.
3. Press the “Next-Fast Forward” button  to enter a folder, press the “Volume Up” button , or “Volume Down” button  to select a file and press the “PLAY/PAUSE” button  to play a selected E-book file.
4. Pressing the “Back-Fast Rewind” button  will move you up one folder level.
5. Pressing the “Back-Fast Rewind” button  repeatedly will take you back to the root directory [/Root.DIR/] (top folder level).

6. Pressing the “**Back-Fast Rewind**” button  in the root directory **[/Root.DIR/]** (top folder level) will quit the **Navigator**.






Delete a file in the E-book Mode

1. Press the “**Navigation**” button  to enter the **Navigator**.
2. Press the “**Volume Up**” button , or “**Volume Down**” button  to select a folder.
3. Press the “**Next-Fast Forward**” button  to enter a folder, press the “**Volume Up**” button , or “**Volume Down**” button  to select a file and press the “**Navigation**” button  to enter the **DELETE FILE** Mode.
4. Press the “**Volume Up**” button , or “**Volume Down**” button  to select **YES**, or **NO** to Delete the file and press the “**PLAY/PAUSE**” button  to confirm the selection and return to the **NAVIGATOR** Mode.



Settings

Enter the Settings Menu

1. Press the “**Menu**” button  to enter the Main Menu.
2. Press the “**Volume Up**” button , or “**Volume Down**” button  until you reach the “**SETTINGS**” icon. Press the “**PLAY/PAUSE**” button , or “**Next-Fast Forward**” button  to enter the **SETTINGS** Mode.






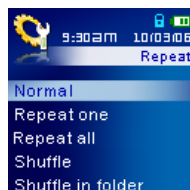
Repeat Mode

There are several **REPEAT** Modes to choose from: Normal, Repeat One, Repeat All, Shuffle and Normal/Repeat/Shuffle all the files in a Folder.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **Repeat** icon, then press the “**PLAY/PAUSE**” button  to enter the **REPEAT** Mode.






2. Press the “**Volume Up**” button , or “**Volume Down**” button  to change the **REPEAT** Mode, press the “**PLAY/PAUSE**” button  to select the Repeat setting and return to the **SETTINGS** Menu.






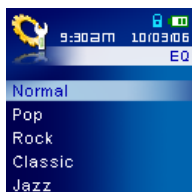
Equalizer (EQ) Mode

There are several **EQUALIZER** Modes to choose from: Normal, Pop, Rock, Classical, Jazz, Bass, or User EQ.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **Equalizer** icon, then press the “**PLAY/PAUSE**” button  to enter the **EQUALIZER** Mode.






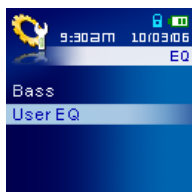
2. Press the “**Volume Up**” button , or “**Volume Down**” button  to change the **EQUALIZER** Mode, press the “**PLAY/PAUSE**” button  to select the EQ setting and return to the **SETTINGS** Menu. You will immediately hear the different sound effect in your earphones.







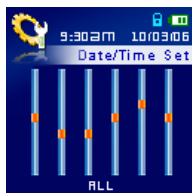
User EQ Customization


The **User EQ** allows you to customize the settings of a 5 Band Equalizer to your personal preferences.

1. In the **EQUALIZER** Mode, press the “**Volume Up**” button , or “**Volume Down**” button  to select the **Set User EQ** icon, then press the “**PLAY/PAUSE**” button  to enter the **Set USER EQ** Mode.



2. Press the “**Next-Fast Forward**” button , or “**Back-Fast Rewind**” button  to switch between the 5 customizable equalizer Bands: **80Hz – 250Hz – 1KHz – 4KHz – 12KHz**. Press the “**Volume Up**” button , or “**Volume Down**” button  to Increase, or Decrease the EQ settings from -8dB to +7dB in 1.0dB steps.

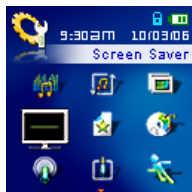





3. Press the “**PLAY/PAUSE**” button  to save the new **User EQ** settings and return to the **EQUALIZER** Mode.

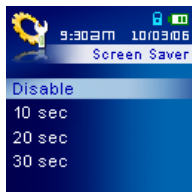
Screen Saving




Sets a time delay for the screen to (1) go **Blank**, (2) display the **Logo**, (3) display the **Song Title**, (4) display **Clock**, or (5) display **Photos**, if no buttons are being pressed e.g. After 30 Seconds of button inactivity the screen will go blank.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **Screen Saving** icon, then press the “**PLAY/PAUSE**” button  to enter the **SCREEN SAVING** Mode.



2. Press the “**Volume Up**” button , or “**Volume Down**” button  to set the timer for the Screen Saving: **Always Off – 30 Sec – 1 Min – 10 Mins**. Press the “**PLAY/PAUSE**” button  to select the Screen Saving timer delay.

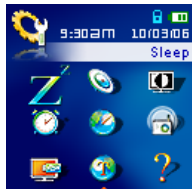





3. After you select a Screen Saving timer delay you can setup the screen to go **Blank**, display the **Clock**, display the **Song Title**, or display **Photos** when the screen saver is activated.
4. Press the “**Volume Up**” button , or “**Volume Down**” button  to select the **Blank**, **Logo**, **Song Title**, **Clock**, or **Photos** icon. Press the “**PLAY/PAUSE**” button  to select the type of **Screen Saving** and return to the **SETTINGS** Menu.

Sleep

Sets a time delay to automatically Power OFF the **T.sonic™ 820** even during operation.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **Sleep** icon, then press the “**PLAY/PAUSE**” button  to enter the **SLEEP** Mode.



2. Press the “**Volume Up**” button , or “**Volume Down**” button  to set the **Sleep** timer for the unit to automatically Power OFF: **Disable – 15 Mins – 30 Mins – 60 Mins**. Press the “**PLAY/PAUSE**” button  to select the **Sleep** timer delay and return to the **SETTINGS** Menu.






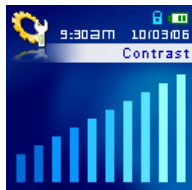
Contrast

Sets the contrast of the Color OLED display, but the higher the contrast level, the greater the drain on the battery.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **Contrast** icon, then press the “**PLAY/PAUSE**” button  to enter the **CONTRAST** Mode.



2. Press the “**Next-Fast Forward**” button , or “**Back-Fast Rewind**” button  to Increase, or Decrease the OLED's Contrast. Press the “**PLAY/PAUSE**” button  to select the new **Contrast** level and return to the **SETTINGS** Menu.






Language

Sets the **T.sonic™ 820**'s User language, including the display of song and artist titles. The player supports 13 User languages.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **Language** icon, then press the “**PLAY/PAUSE**” button  to enter the **LANGUAGE** Mode.








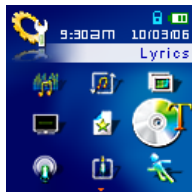
2. Press the “**Volume Up**” button , or “**Volume Down**” button  to change the User Language. Press the “**PLAY/PAUSE**” button  to select the new **Language** and return to the **SETTINGS** Menu.



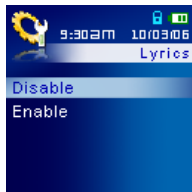
Sync Lyrics

Karaoke-type feature that displays the lyrics of a song on the Color OLED screen during Playback.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **Sync Lyrics** icon, then press the “**PLAY/PAUSE**” button  to enter the **SYNC LYRICS** Mode.



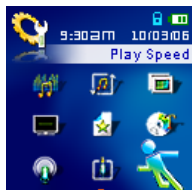
2. Press the “**Volume Up**” button , or “**Volume Down**” button  to **ENABLE**, or **DISABLE** the **Sync Lyrics** feature. Press the “**PLAY/PAUSE**” button  to save the selection and return to the **SETTINGS** Menu.






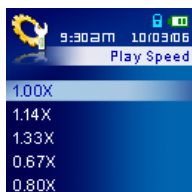
Playback Speed

The speed at which you listen to an audio file can be increased, or decreased. Playback speeds can be set to 0.67x, 0.8x, 1.0x, 1.14x and 1.33x.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **Playback Speed** icon, then press the “**PLAY/PAUSE**” button  to enter the **Playback Speed** Menu.



2. Press the “**Volume Up**” button , or “**Volume Down**” button  to switch between the 5 **Playback Speed** settings: **0.67x – 0.8x – 1.0x – 1.14x – 1.33x**. Press the “**PLAY/PAUSE**” button  to select the **Playback Speed** and return to the **SETTINGS** Menu.






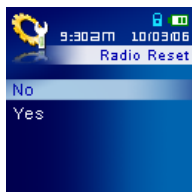
Radio Reset

Resets the saved Radio stations, so the next time you enter the **RADIO** Mode the **T.sonic™ 820** will automatically scan and save the 9 strongest Radio station signals.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **Radio Reset** icon, then press the “**PLAY/PAUSE**” button  to enter the **Radio Reset** Mode.



2. Press the “**Volume Up**” button , or “**Volume Down**” button  to select **YES**, or **NO** and press the “**PLAY/PAUSE**” button  to confirm the selection and return to the **SETTINGS** Menu.








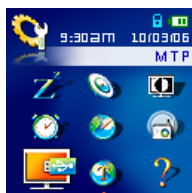
Media Transfer Modes




To transfer Multimedia files to your **T.sonic™ 820** you must select one of two Media Transfer Modes. One mode is the **MTP (Media Transfer Protocol)** Media Transfer Mode and the other is the **USB** Media Transfer Mode

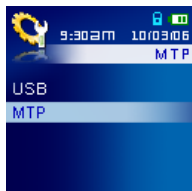
MTP Media Transfer Mode

If you want to buy and play WMA-DRM10 (only) music files, you must select Windows Media Player 10 to transfer and synchronize your WMA-DRM10 music files with the **T.sonic™ 820's MTP** Folder.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **Media Transfer Mode** icon, then press the “**PLAY/PAUSE**” button  to enter the **MEDIA TRANSFER** Mode.








2. Press the “**Volume Up**” button , or “**Volume Down**” button  to select **MTP**, press the “**PLAY/PAUSE**” button  to confirm the selection and return to the **SETTINGS** Menu.






3. When transferring files in the **MTP** Media Transfer Mode you will have the option of using two folders to store files, an **MTP Media**, or **Data** Folder. Use Windows Media Player 10 to transfer and synchronize your WMA-DRM10 music files with the **MTP** Folder. All other files should be transferred to the **Data** Folder.

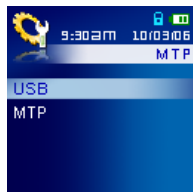
USB Media Transfer Mode

If you are using a Mac™/Linux™ computer, or you want to create specific folders on your PC for each of your media files (Music, Video, Photo, E-book), please select the **USB** (WMA-DRM10 NOT supported) Media Transfer Mode to transfer multimedia files to your **T.sonic™ 820**.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **Media Transfer Mode** icon, then press the “**PLAY/PAUSE**” button  to enter the **MEDIA TRANSFER** Mode.



- Press the “**Volume Up**” button , or “**Volume Down**” button  to select **USB**, press the “**PLAY/PAUSE**” button  to confirm the selection and return to the **SETTINGS** Menu.

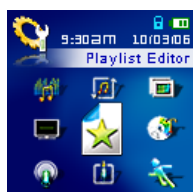


- In the **USB** Mode (WMA-DRM10 NOT supported) you can drag and drop files onto any media specific folders that you have created, or onto the **T.sonic™ 820**'s corresponding Removable Disk drive letter.

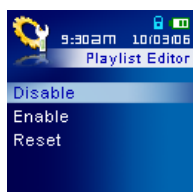
Playlist Manager

The Playlist manager is a quick and easy way to manage your personal Playlist.

- In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **Playlist Manager** icon, then press the “**PLAY/PAUSE**” button  to enter the **PLAYLIST MANAGER** Mode.



- Press the “**Volume Up**” button , or “**Volume Down**” button  to **ENABLE**, **DISABLE**, or **RESET** your current **Playlist**. Press the “**PLAY/PAUSE**” button  to save the selection and return to the **SETTINGS** Menu.

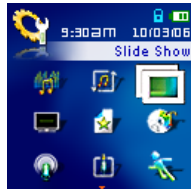





- Enabling the **Playlist Manager** feature will allow you to play your Playlist the next time you go into the **MUSIC** Mode.

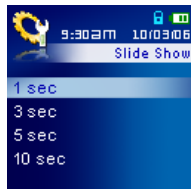
Slideshow Timer

Sets a time delay for the photo that is currently being displayed on the screen to change to the next photo. You must use the **SlideShow Maker** software application to setup a photo slideshow. The **Slideshow** feature will only work on “.sls” files. Please see the “**SlideShow Maker**” section in the **Software Setup** chapter to configure the Slideshow application.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **Slideshow Timer** icon, then press the “**PLAY/PAUSE**” button  to enter the **SLIDESHOW TIMER** Mode.



2. Press the “**Volume Up**” button , or “**Volume Down**” button  to set the timer for the Slideshow: **Disable – 1 Sec – 3 Sec – 5 Sec – 10 Sec**. Press the “**PLAY/PAUSE**” button  to select the Slideshow timer delay and return to the **SETTINGS** Menu.




Real Time Clock (RTC)




The **T.sonic™ 820's** RTC displays the local time and date, both can be adjusted and an additional setting lets you enable Daylight Saving Time (DST) to allow for local Summer and Winter times.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **RTC** icon, then press the “**PLAY/PAUSE**” button  to enter the **RTC** Mode.




2. Press the “**Next-Fast Forward**” button , or “**Back-Fast Rewind**” button  to switch between the Time, Month, Day and Year. Press the “**Volume Up**” button , or “**Volume Down**” button  to change the time, or date.



3. After scrolling through the Time and Date you will have the option of enabling/disabling the Daylight Saving Time (DST) feature.
4. Press the “**Volume Up**” button , or “**Volume Down**” button  to **ENABLE**, or **DISABLE** the **DST** feature and press the “**PLAY/PAUSE**” button  to confirm your selections and return to the **RTC** Menu.





5. Enabling the **Daylight Saving Time** feature will automatically adjust the **T.sonic™ 820**'s Clock by plus, or minus one hour depending on the time of year and the time zone you are in.
6. Press the “**PLAY/PAUSE**” button  in the **RTC** Menu to return to the **SETTINGS** Menu.

World Time

The **T.sonic™ 820** has the ability to display the local time for different time zones; this is a handy feature if you are traveling.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **World Time** icon, then press the “**PLAY/PAUSE**” button  to enter the **WORLD TIME** Mode.



2. In the Time Zone screen, press the “**Next-Fast Forward**” button , or “**Back-Fast Rewind**” button  to select the **Time Zone** you are in.






3. Press the “**PLAY/PAUSE**” button  to confirm the new time and return to the **SETTINGS** Menu.

REC Quality

The quality of an audio recording can be set to **Low** (8,000Hz), **Medium** (16,000Hz), or **High** (32,000Hz), but the higher you set the Recording Quality the greater the memory space required to save the resulting WAV file.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **REC Quality** icon, then press the “**PLAY/PAUSE**” button  to enter the **REC QUALITY** Mode.



2. Press the “**Volume Up**” button , or “**Volume Down**” button  to switch between the 3 **Recording Quality** settings: **Low – Med – High**. Press the “**PLAY/PAUSE**” button  to select the **REC Quality** level and return to the **SETTINGS** Menu.








	Sample rate	Channels*	2GB	4GB
Record Sound	Low (8KHz)	1 (stereo/mono)	64/128 hrs	128/256 hrs
	Med (16KHz)	1 (stereo/mono)	32/64 hrs	64/128 hrs
	High (32KHz)	1 (stereo/mono)	16/32 hrs	32/64 hrs




- ❖ If not enough memory space is available, or the battery power is too low, the **T.sonic™ 820** cannot support the maximum recording capacity as outlined in the above table.
- ❖ The closer you move the **T.sonic™ 820**'s Microphone to the source of the sound the higher the quality of the recording.
- ❖ **RADIO** Recordings are recorded in Stereo. **MIC** Recordings are recorded in Mono. **Line-In** Recordings are recorded in Stereo, or Mono depending on the Line-In device that is used.

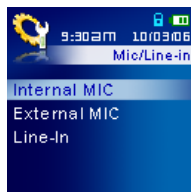
REC Input Device

Select the **MIC (Built-In Microphone)**, **Ext MIC (External Microphone)** or **LINE-IN** (e.g. **CD Player**) to be the Audio Recording method used by the **T.sonic™ 820**.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **REC Input Device** icon, then press the “**PLAY/PAUSE**” button  to enter the **REC INPUT DEVICE** Mode.



2. Press the “**Volume Up**” button , or “**Volume Down**” button  to select the **MIC (Microphone)**, **Ext MIC (External Microphone)** or **LINE-IN** (e.g. **CD Player**) as the audio recording method and press the “**PLAY/PAUSE**” button  to confirm the selection and return to the **SETTINGS** Menu.






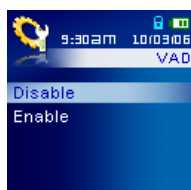
VAD (Voice Activation Detection)

VAD allows the **T.sonic™ 820** to make gapless audio recordings. This means the player will only begin recording when it detects the subject is speaking, if the person(s) pauses, or stops speaking the **T.sonic™ 820** will stop recording until the person(s) starts speaking again. This allows you to make complete and very easy to listen to recordings.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **VAD** icon, then press the “**PLAY/PAUSE**” button  to enter the **VAD** Mode.



2. Press the “**Volume Up**” button , or “**Volume Down**” button  to select the **ENABLE**, or **DISABLE** option and press the “**PLAY/PAUSE**” button  to confirm the selection and return to the **REC Settings** Menu.



About

Displays information about the **T.sonic™ 820**'s firmware version and memory capacity.

1. In the **SETTINGS** Menu, press the “**Volume Up**”  / “**Volume Down**” , or “**Next-Fast Forward**”  / “**Back-Fast Rewind**”  buttons to select the **About** icon, then press the “**PLAY/PAUSE**” button  to display the **About** information on the Color OLED screen.



Driver Installation

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™ 820**. Plug your **T.sonic™ 820** into an available USB port and Windows® will install the necessary files. A new **Removable Disk** drive with a newly assigned drive letter will appear in the **My Computer** window.

Driver Installation for Mac™ OS 10.0, or Later

No drivers are required. Plug your **T.sonic™ 820** into an available USB port and your computer will automatically detect it.

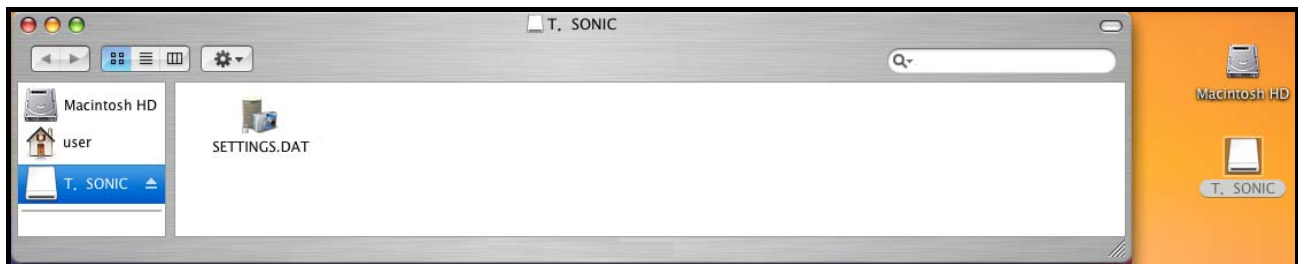


Figure 3. Mac Driver Installation

Driver Installation for Linux™ Kernel 2.4, or Later

No drivers are required. Plug your **T.sonic™ 820** into a USB port and mount it.

1. First create a directory for the **T.sonic**.

Example: `mkdir /mnt /T.sonic`

2. Then, mount the **T.sonic**.

Example: `mount -a -t msdos /dev/sda1 /mnt /T.sonic`

1. When the **T.sonic™ 820** is connected to a computer it is locked into transferring files. You will not be able to play or record any music at this time. Please disconnect your **T.sonic™ 820** from the computer when you want to use the player.



2. **NEVER** format your **T.sonic™ 820** in Windows.

3. Audio files (MP3/WMA/WMA-DRM10/WAV) must be organized, so that they are no more than 4 folder levels away from the [/Root.DIR/] root directory.

4. The **T.sonic™ 820** is limited to 128 characters for a file name.

Connecting to a Computer



If you want to buy and play WMA-DRM10 (only) music files, or you are using Windows Media Player 10 you must choose the MTP (Media Transfer Protocol) **Music Transfer Mode** to transfer and synchronize music files between the computer and your T.sonic™ 820.

1. Plug the small end of the Mini USB to USB A-Type cable into the Mini USB connector on the **T.sonic™ 820** and plug the large end of the cable into an available USB port on your desktop, or notebook computer. When connected to a computer the **T.sonic™ 820**'s rechargeable Li-ion battery will begin charging and the **T.sonic™** can only be used for transferring files.

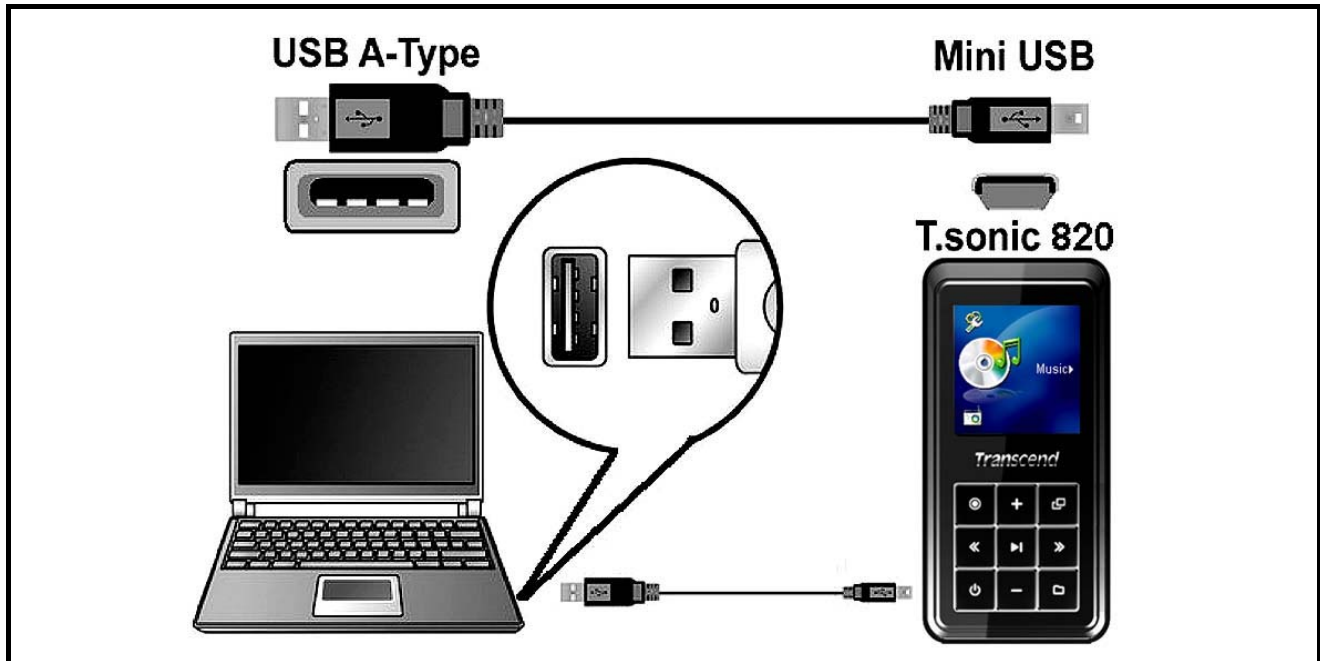


Figure 4. Connecting to a Computer

Download and Upload Music and other Files



If you want to buy and play WMA-DRM10 (only) music files, you must select Windows Media Player 10 to transfer and synchronize your WMA-DRM10 music files with the T.sonic™ 820's MTP Folder.

Other than the Radio, if you want to be entertained by your T.sonic™ 820 you must download **Music**, **Video**, **Photo**, or **E-book** files to the Player.

1. If you are using a Windows OS, please find out what version of Windows Media Player the computer is running before connecting your T.sonic™ 820. If you are using Windows Media Player 10, or you want to listen to WMA-DRM10 music, please see the “**Media Transfer Mode**” section in SETTINGS.
2. Plug the small end of the Mini USB to USB A-Type cable into the T.sonic™ 820's Mini USB port and plug the large end of the cable into an available USB port on a computer. When connected to a computer the unit's rechargeable Li-ion battery will begin charging and the T.sonic™ 820 can only be used for transferring files.

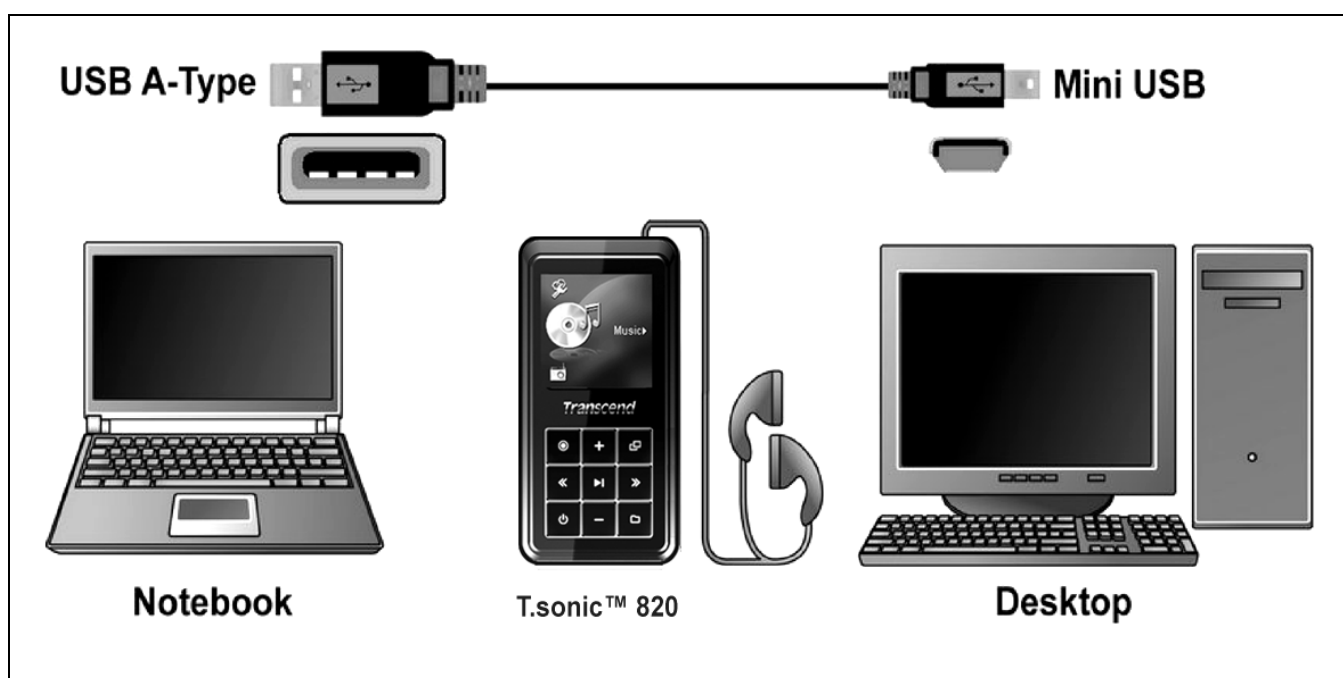


Figure 5. Mini USB Cable and Connecting to a Computer

- After you connect the **T.sonic™ 820** to a computer its screen will display a “**READY**” message, indicating that files can be loaded onto the player. If you are using Windows® a new **Removable Disk** drive with a newly assigned drive letter representing the **T.sonic™ 820** will appear in the **My Computer** window.

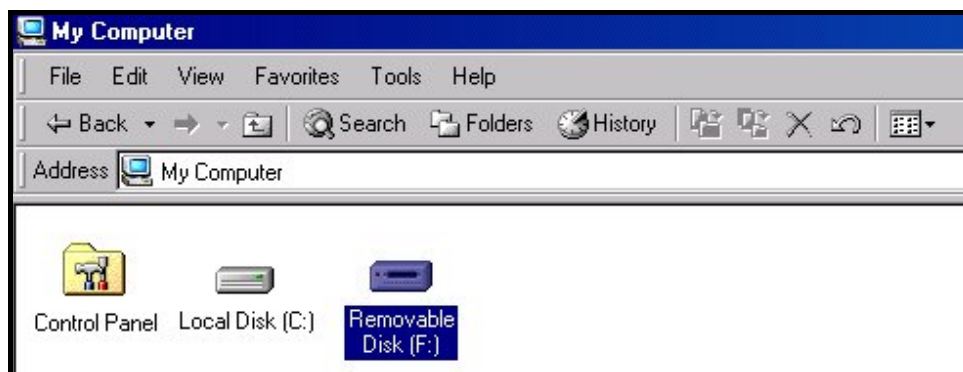


Figure 6. *F: is an example drive letter, the letter in your “My Computer” window may differ

- In the **MTP** (Media Transfer Mode) use Windows Media Player 10 to transfer and synchronize your **WMA-DRM10** Music files with the **T.sonic™ 820**'s **MTP** Folder, all other files should be dropped on to the **Data** Folder. In the **USB** Mode (WMA-DRM10 NOT supported) you can create specific folders on your PC for each of your media files (Music, Video, Photo, E-book). Drag and drop your files onto the media folders, or onto the **T.sonic™ 820**'s corresponding Removable Disk drive letter, at this stage the players' screen will display a “**WRITE**” message indicating that the files are being transferred to the **T.sonic™**. When the players' screen returns to the “**READY**” message you will know that the files have successfully transferred.



- If you choose to upload files, or folders to the computer, the players' screen will display a “**READ**” message indicating that the files are being transferred to the Computer. When the players' screen returns to the “**READY**” message you will know that the files have successfully transferred.



- Always disconnect the **T.sonic™** from a computer by selecting and following the instructions for the “**Safely Remove Hardware**” icon that can be found on the Windows® Toolbar at the bottom of the computer screen.



Figure 7. Safely Remove Hardware

Disconnecting from a Computer



Before removing your T.sonic™ 820, always ensure the Color OLED Display is not in the *READ/WRITE* status, otherwise your files or T.sonic™ 820 may be damaged.

Removing the T.sonic™ 820 in Windows® Me, 2000 and XP


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



Figure 8. Safely Remove Hardware

3. A window will appear stating “The ‘USB Mass Storage Device’ device can now be safely removed from the system.” Unplug the T.sonic™.



Figure 9. Safe to Remove Hardware

Removing the T.sonic™ 820 in Mac™ OS 10.0, or Later

Drag and drop the Disk icon corresponding to your T.sonic™ 820 into the trashcan. Then unplug your T.sonic™ 820 from the USB port.

Remove the T.sonic™ 820 in Linux™ Kernel 2.4, or Later

Execute `umount /mnt /T.sonic` to un-mount the device. Then unplug your T.sonic™ 820 from the USB port.

T.sonic™ Software

The **T.sonic™ 820** comes with some very useful bundled software that can increase your productivity and enhance your entertainment experience. The three software applications that come with your **T.sonic™** are:

- **Transcend Multimedia Converter**
- **Slideshow Maker**
- **T.sonic™ Utility**

Before using any of these programs, please read the following sections carefully.

Software System Requirements

Desktop or notebook computer with a working USB port.

One of the following Operating Systems (OS):

- Windows® 2000
- Windows® XP

Installing the T.sonic™ Software

1. Put the Software CD into the CD-ROM (Auto-Run supported). The **T.sonic™** Main Menu window will appear. Click on the “**T.sonic 820 Software**” button.



Figure 10. T.sonic Main Menu

2. Select a setup language and click on the “**OK**” button to continue.

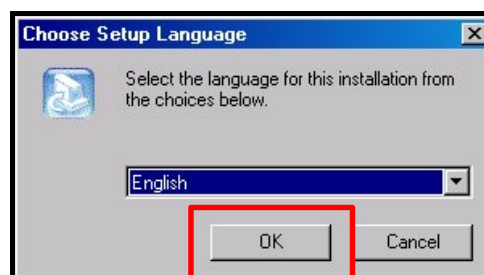


Figure 11. Select a language

3. The **T.sonic™ Software Menu** window will appear. Select the “**Transcend Multimedia Converter**”, “**Slideshow Maker**,” or “**T.sonic™ Utility**” software option and click on the “**Next**” button to begin installing the software program.

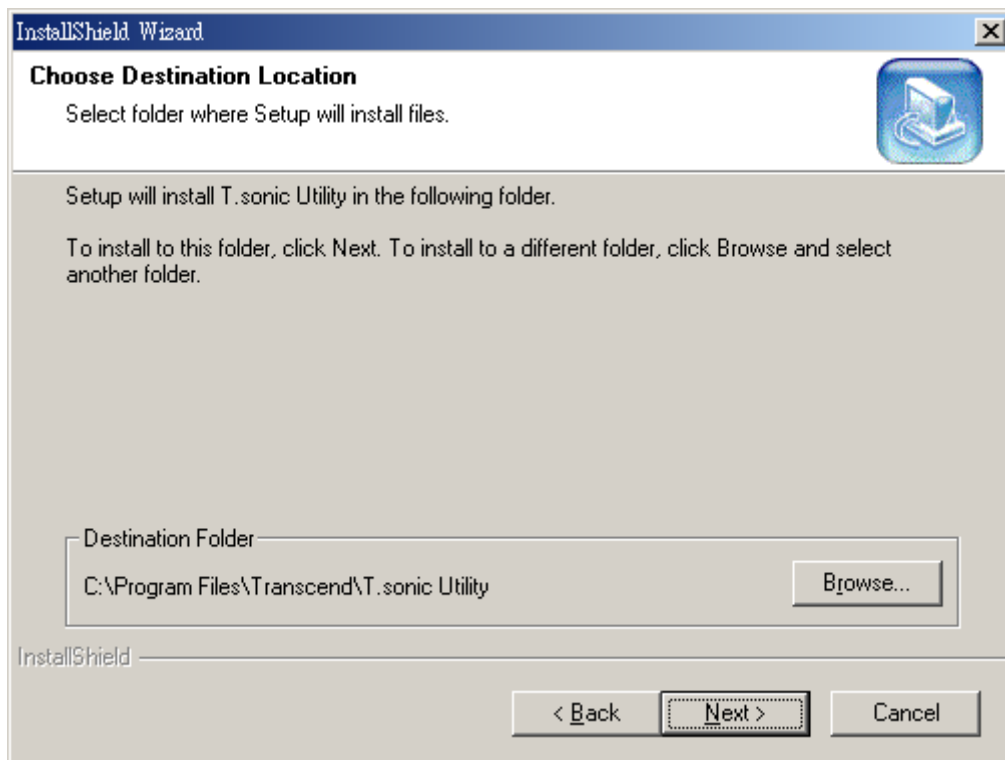


Figure 12. Select a Software Program

4. When the **T.sonic 820 Utility** is finished installing, click on the “**Finish**” button to exit the wizard.

Transcend Multimedia Converter

If you want to play **Videos** on your **T.sonic™ 820** you must convert your Video files to the **‘.mtv’** file format using the Transcend Multimedia Converter before transferring the Video files to the player.

- ❖ The **T.sonic™ 820** only supports **“.mtv”** Video files. You must use the Transcend Multimedia Converter software to convert your **“.MPEG4,” “.DivX,” “.AVI,”** or **“.xVID”** video files to the **“.mtv”** format.

Transcend Multimedia Converter

1. Start the **Transcend Multimedia Converter** program and the **MTV Video Converter** main window will appear. Click on the **“Input Video”** button to continue.

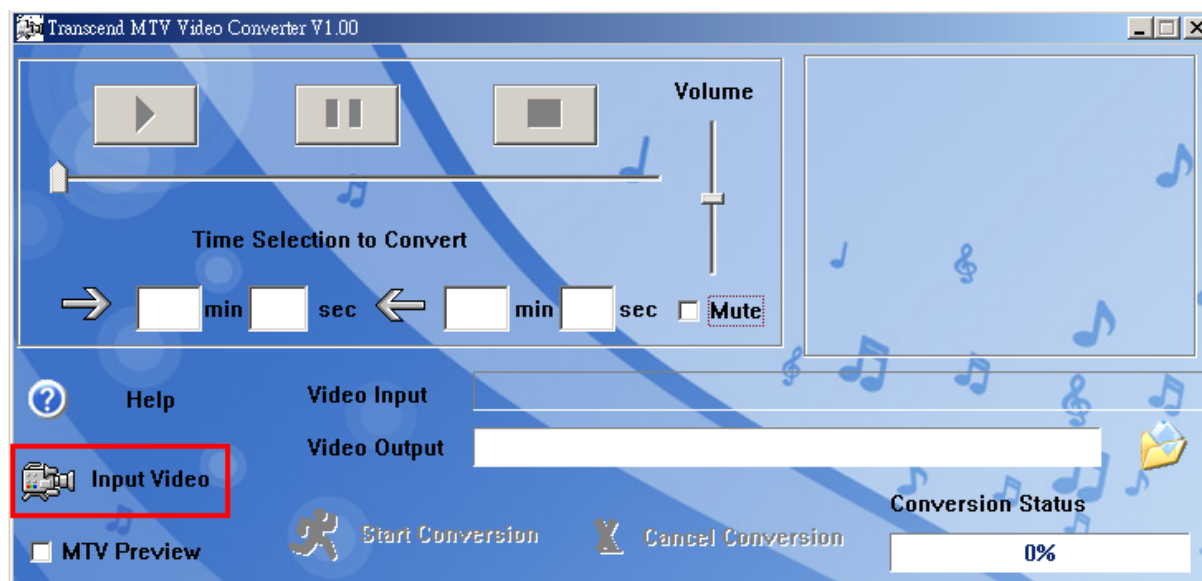


Figure 13. MTV Video Converter Main Menu

2. The **Open Video Input File** window will appear. Select the **“.MPEG4,” “.DivX,” “.AVI,”** or **“.xVID”** video file that you want to convert to the **“.mtv”** format and click on the **“Open”** button to continue.

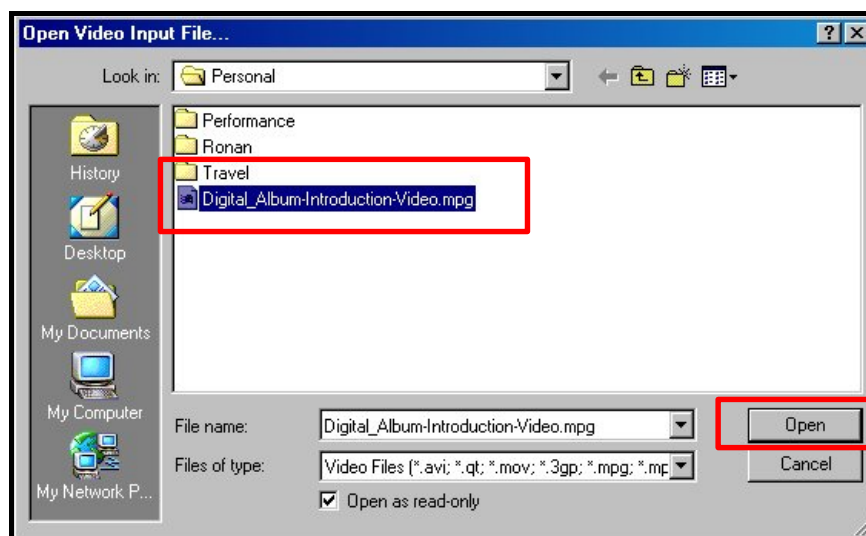


Figure 14. Select Video files for conversion

- After you select a Video file for conversion to the “.mtv” format, click on the “**Video Output**” button to select a destination for the converted file.

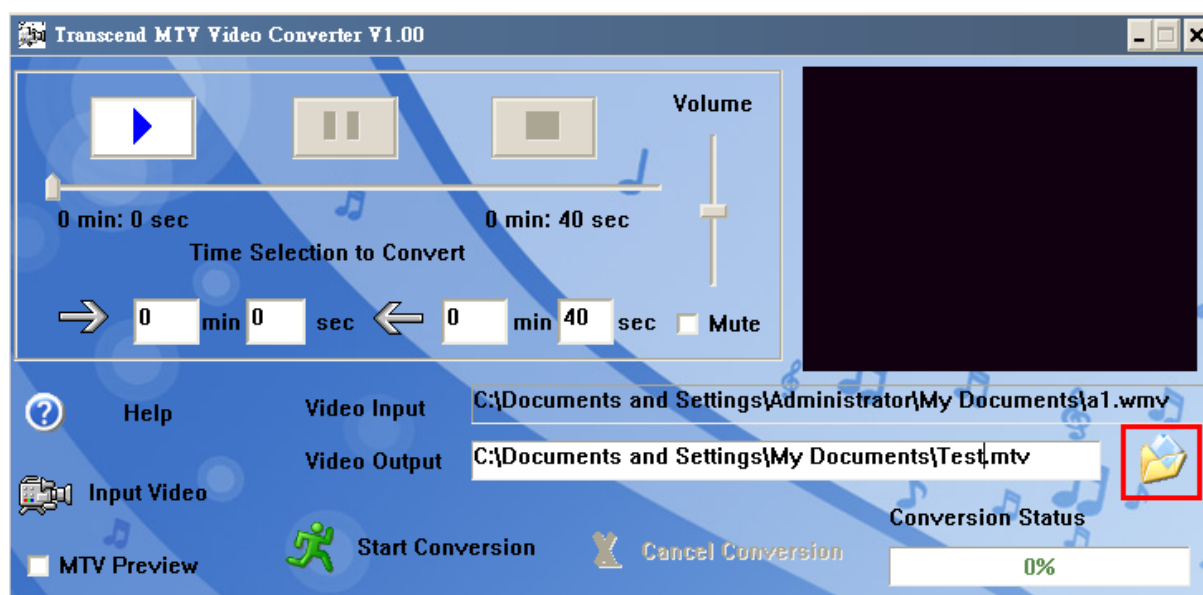


Figure 15. Select a Destination for the '.mtv' file

- After selecting a **Video Output** destination click on the “**Start Conversion**” button to begin the conversion.

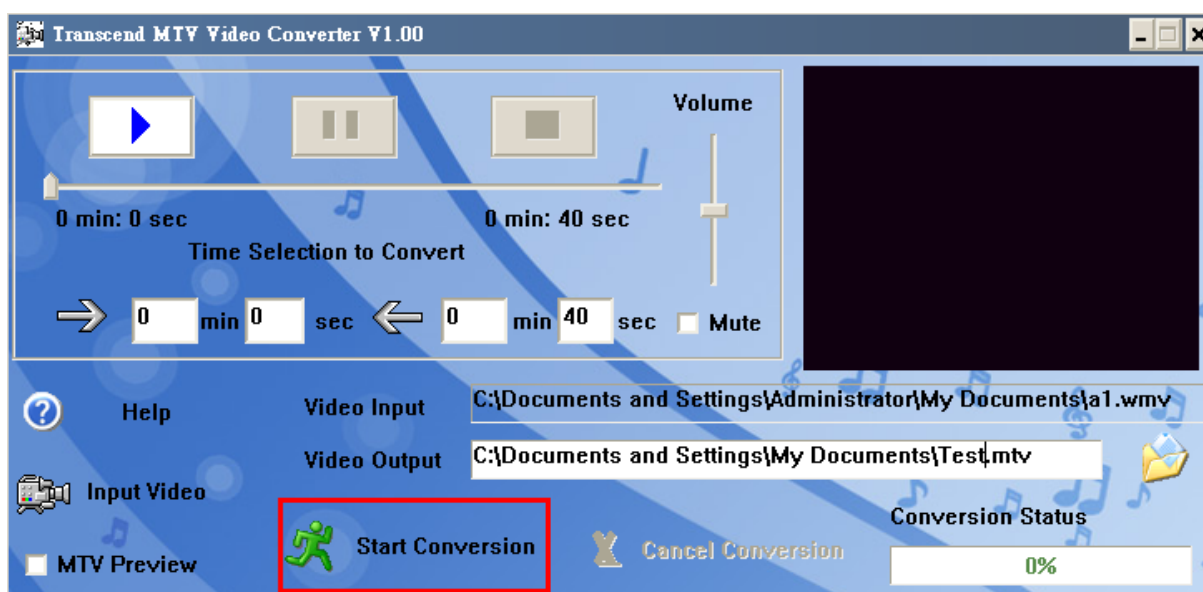


Figure 16. Start Conversion

- When the Conversion is complete a “**Conversion Complete**” message window will appear. Click on the “**OK**” button to complete the **Conversion** process and return to the **MTV Video Converter** main window.



Figure 17. Conversion Complete

Slideshow Maker

If you want to use the **Slideshow** feature on your **T.sonic™ 820** you must first, convert your Photo files to the **‘.sls’** file format using the Slideshow Maker, then transfer the Slideshow files to the player.

- ❖ The **T.sonic™ 820** will only display a Slideshow of your Photos if they are converted to the **“.sls”** file format. You must use the Slideshow Maker software to transfer your **“.JPG,” “.BMP,”** or **“.GIF”** photo files to the **“.sls”** format.

Slideshow Maker

1. Start the **Slideshow Maker** program and the **Slideshow Maker** main window will appear. Click on the **“Load Image”** button to continue.

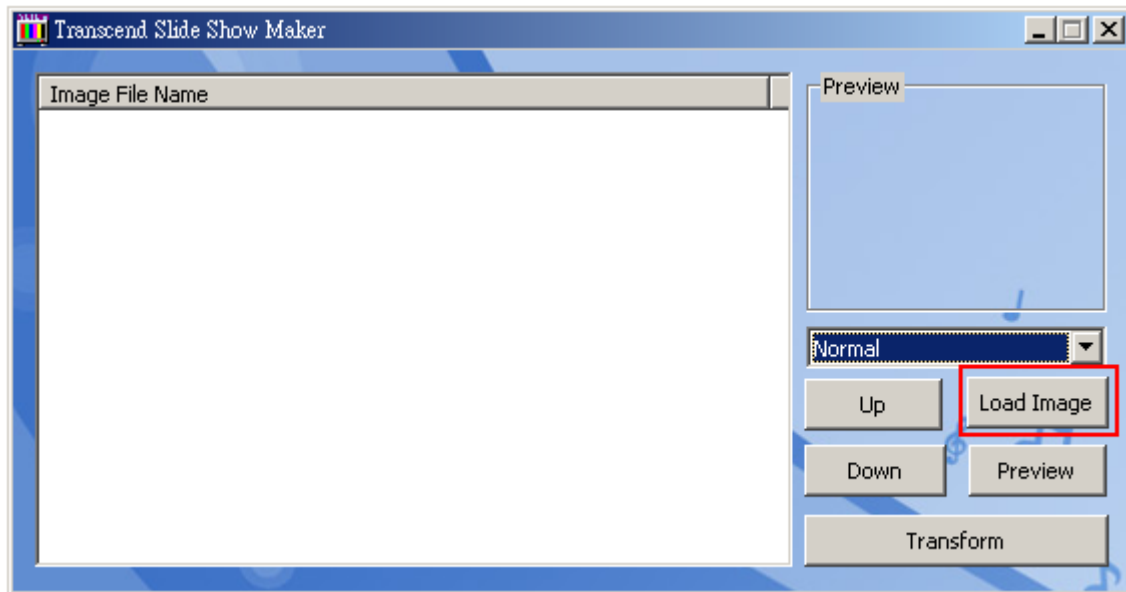


Figure 18. Slideshow Maker Main Menu

2. The **Open** window will appear. Select the **“.JPG,” “.BMP,”** or **“.GIF”** photo files that you want to convert to the **“.sls”** format and click on the **“Open”** button to continue.

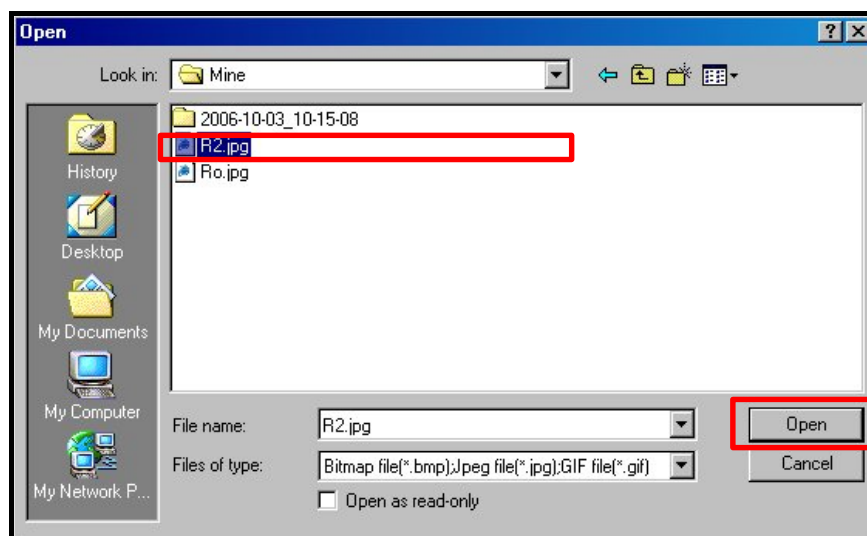


Figure 19. Select Photo files for conversion

3. You can Preview the Photo files that you are going to convert in the Preview Panel. After you select all the Photo files that you want to convert to the “.sls” format, click on the “**Transform**” button to continue.

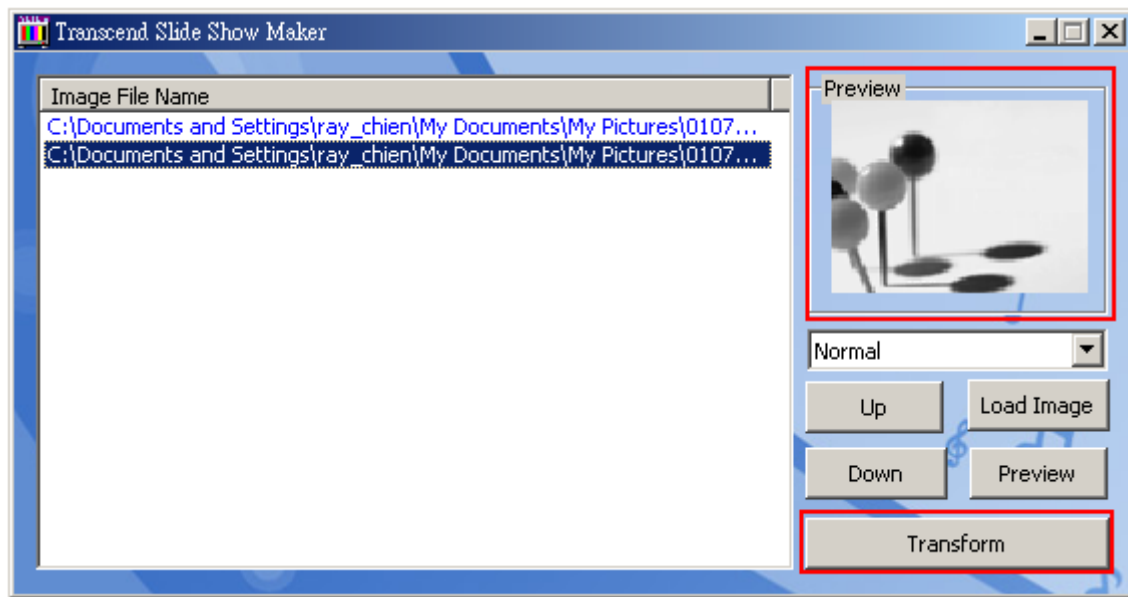


Figure 20. Preview and Start Converting

4. The **Save As** window will appear. Select a destination for the converted file and click on the “**Save**” button to save the “.sls” file to the **sls** folder.

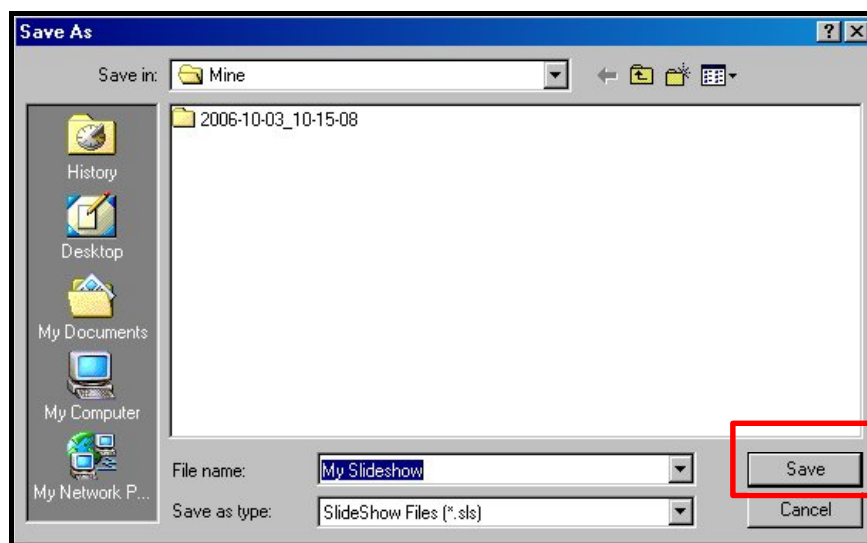


Figure 21. Select a Destination for the '.sls' file

5. After the “.sls” file is saved the “**Transfer Complete**” message window will appear. Click on the “**OK**” button to complete the **Transfer** process and return to the **Slideshow Maker** main window.

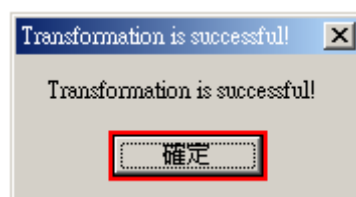


Figure 22. Transfer Complete

T.sonic™ Utility Software

The **T.sonic Utility*** provides you with several software options including a:

- **PC-Lock Function**
- **Boot-Up Function**
- **Partition & Security Function**
- **Recovery Function**



Figure 23. T.sonic Utility Menu

- ❖ The **T.sonic Utility** is not supported on Mac™, or Linux™ Operating Systems.
- ❖ To use the **T.sonic Utility**, you must log in to the Windows® OS with **Administrator** rights.

Installing the T.sonic Utility Program

1. After selecting the “**T.sonic™ Utility**” software option in the **Software Setup** window, the “**InstallShield Wizard**” appears. Click on the “**Next**” button to continue. The InstallShield Wizard will guide you through the **T.sonic 820 Utility Program** installation process.

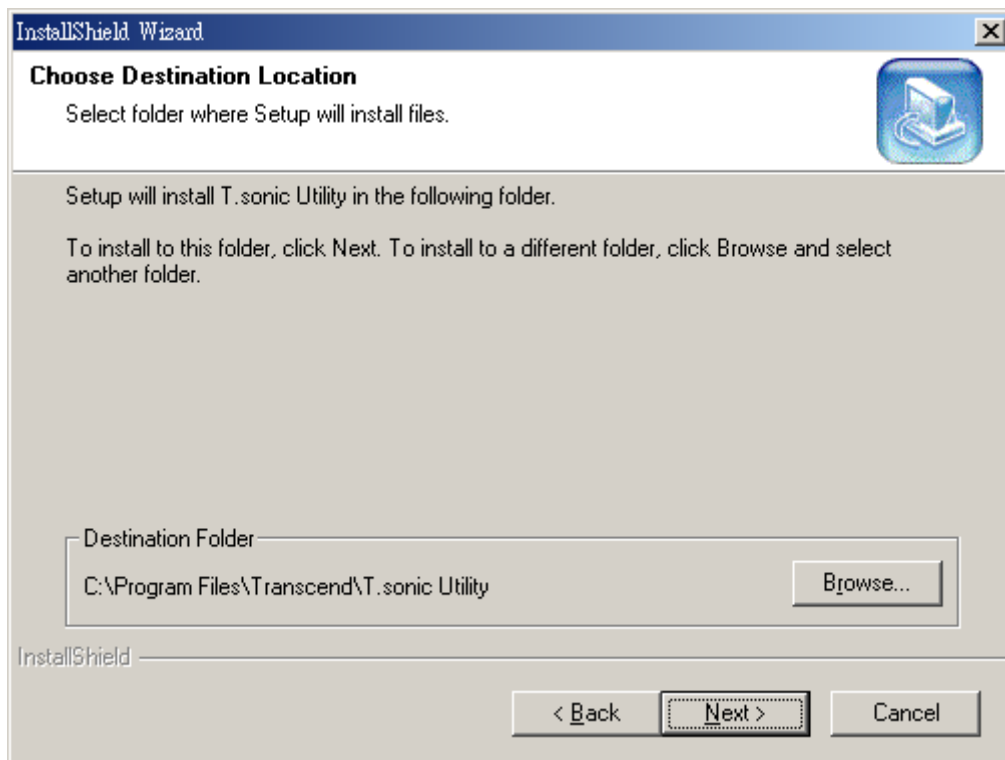


Figure 24. T.sonic Utility Program InstallShield Wizard

2. When the **T.sonic 820 Utility** is finished installing, click on the “**Finish**” button to exit the wizard.

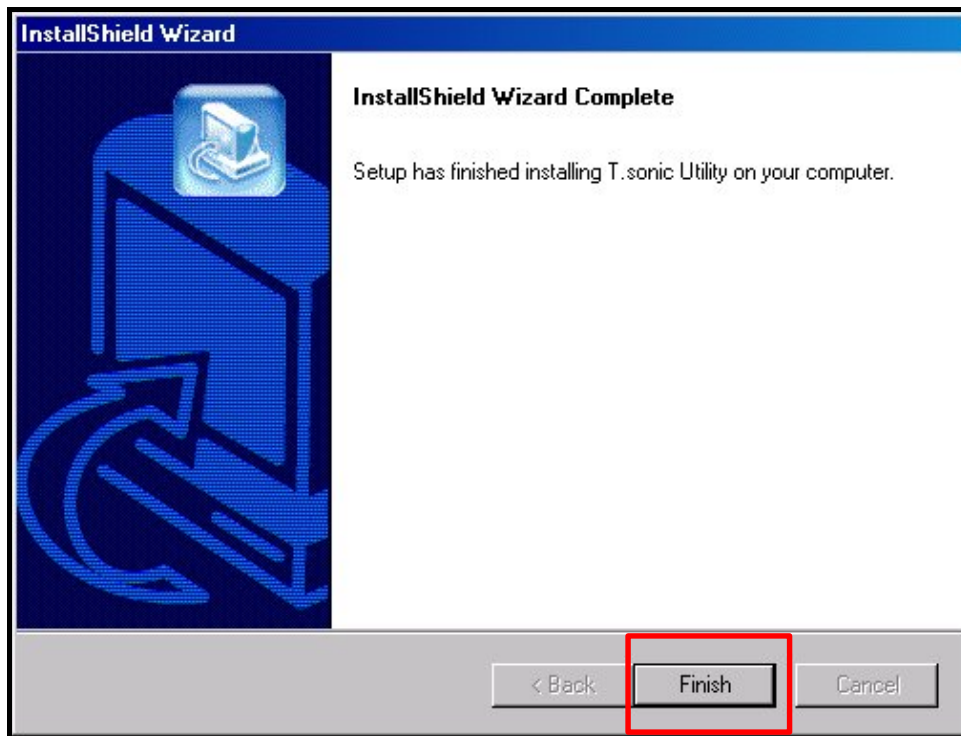


Figure 25. Installation complete

3. The **T.sonic Utility** Software Program can be found in: **Start > Programs >> T.sonic Utility**.
-

PC-Lock Function

When the **PC-Lock Function** is enabled, you can use your **T.sonic™** as a key to lock your computer protecting it from use by others.

- ❖ The PC-Lock function is not supported in the Mac™ or Linux™ Operating Systems.
- ❖ To use the PC-Lock function, you must log in to the Windows OS with **Administrator** rights.

PC-Lock Function for Windows® Me, 2000 and XP

1. Click on the “**PC-Lock**” button in the **T.sonic Utility** window.



Figure 26. T.sonic Utility PC-Lock

2. The **PC-Lock Settings** window will appear. Select the “**Enable PC-Lock**” option.

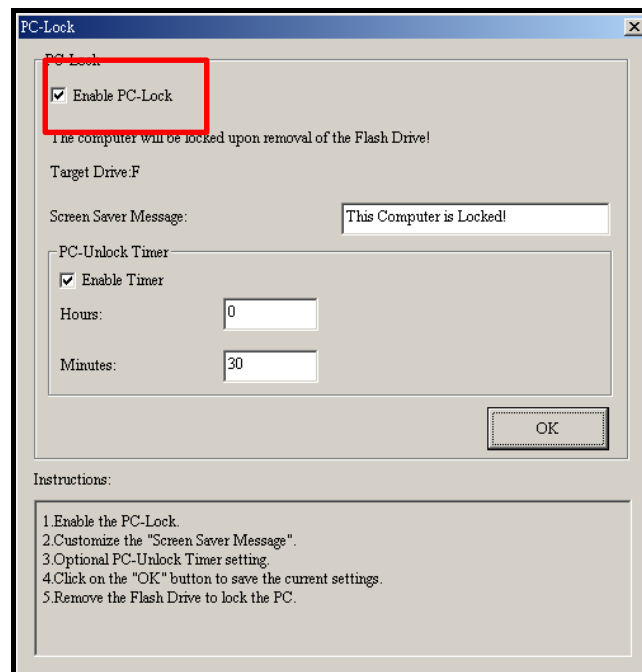


Figure 27. Enable PC-Lock

3. After selecting the **Enable PC-Lock** you can type the **Text** to be displayed on the screen while the computer is locked.

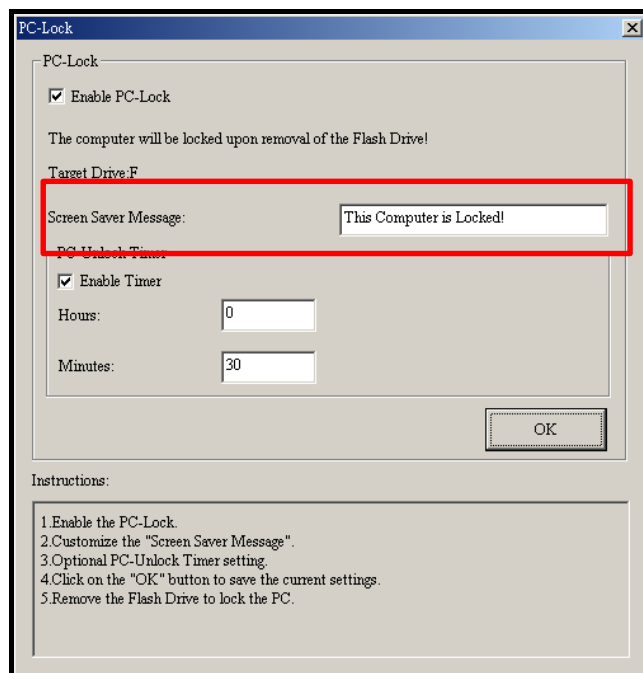


Figure 28. Screen Saver Text

4. If you want to set a timer to automatically unlock your computer select the “**Enable Timer**” option. Input the Lock Period in **Hours** and **Minutes**, after the time elapses your computer is automatically unlocked.

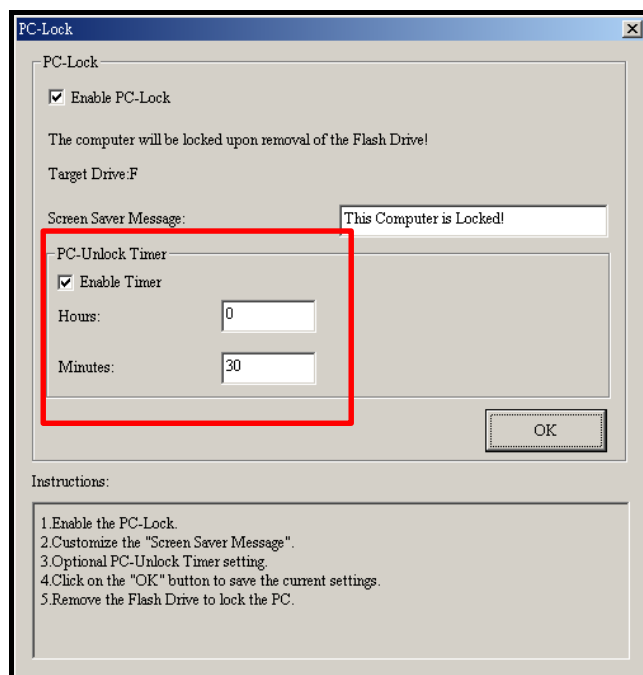


Figure 29. PC-Lock Timer

5. Click on the “**OK**” button to start the **PC-Lock**.

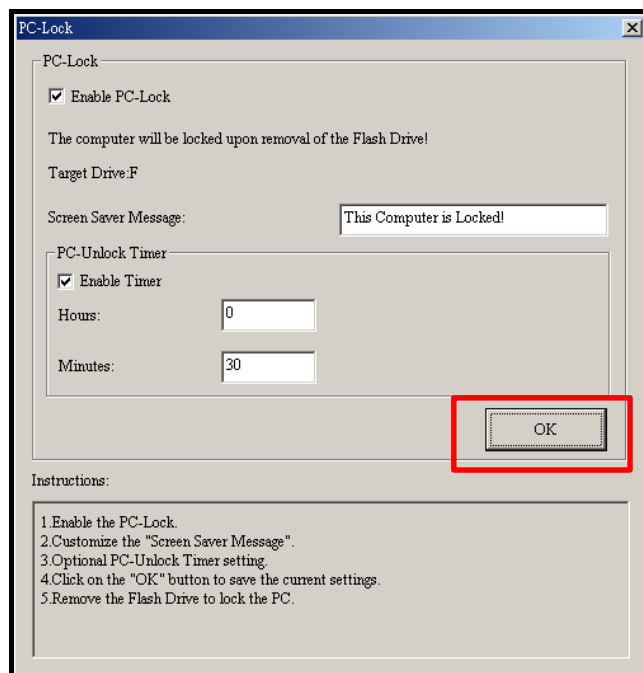


Figure 30. Enable PC-Lock

Lock Your Computer

After the **PC-Lock** function is enabled, your computer will be locked whenever you remove your **T.sonic™**. When your computer is locked, the screen will display the **Text** screen saver.

Unlock Your Computer

To unlock the computer, you must re-insert your **T.sonic™**. The locked status on the screen will disappear and you are now free to use your computer. The computer's locked status will also end automatically after the specified lock period timer has expired.

Boot-Up Function

If you are using the Windows® 98SE* Operating Systems the **T.sonic™** can be configured to act as an MS-DOS Boot Disk. After you setup the **T.sonic™** you can use it to boot-up your computer, allowing you to run MS-DOS programs; this does not make the **T.sonic™** a Rescue Disk for Windows, nor does it put Windows Startup files onto your **T.sonic™**. After booting with the **T.sonic™**, you must start Windows from your hard drive, or a previously created Rescue Disk.

- ❖ To use the Boot-Up function, you must log in to the Windows OS with **Administrator** rights.
- ❖ A maximum capacity of 512MB is reserved for the **Boot-Up** disk sector in the **USB-HDD** (Windows® 98SE only) formats.

System Requirements for the Boot-Up Function

- A desktop or notebook computer that supports **USB-HDD** (Windows® 98SE only) as the **First Boot Device** in its **BIOS**.
- A computer running Windows® 98SE.
- Any anti-virus applications that may be running in the background must be turned off.

Enabling the Boot-Up Function

1. Click on the “**Boot-Up**” button in the **T.sonic Utility** window.



Figure 31. T.sonic Utility Boot-Up

2. Click on the “**OK**” button to make the **T.sonic™** a Bootable **USB-HDD** device. The **T.sonic™** **USB-HDD** Boot-Up device must match the **First Boot Device** setting in the computer’s **BIOS**.

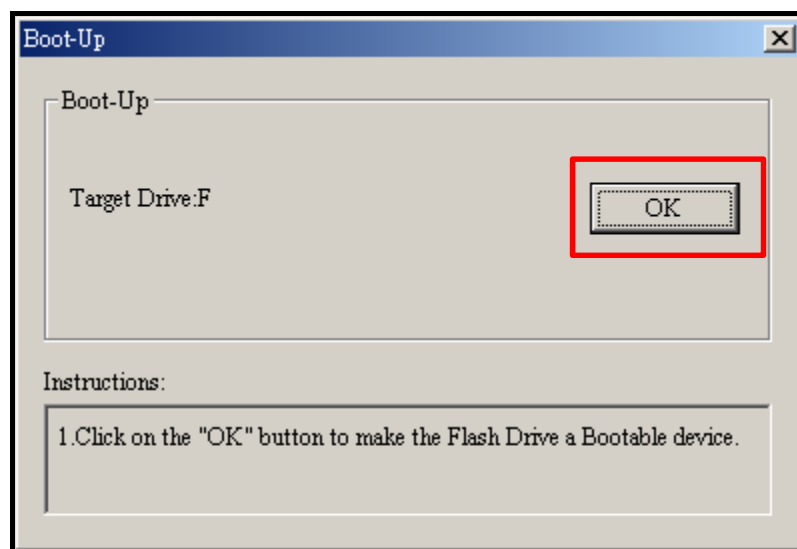


Figure 32. Create Bootable device

The **T.sonic™** and your computer system are now set up, so your **T.sonic™** can be used to Boot-Up the computer. If you are using the **T.sonic™** to Boot-Up your computer the disk will be assigned a drive letter on the computer.

- ❖ Part of the **Boot-Up device** setup process involves Boot-Up files being placed on the **T.sonic™**, please do **NOT** delete, or move these files, otherwise the **T.sonic™** will not be able to function as a startup disk.
-

Partition & Security Function

Enabling this feature allows you to setup a secure area on the **T.sonic™** to protect your personal information with a Private Password. You can partition the **T.sonic™** into Public and Private Password protected areas. Data and information in the Private Area is kept secure and can only be accessed by logging onto the **T.sonic™** using the correct password.

- ❖ The Partition & Security function is not supported in the Mac™ or Linux™ Operating Systems.
- ❖ To use the Partition & Security function, you must log in to the Windows OS with **Administrator** rights.

Enable the Security Function in Windows® Me, 2000 and XP

1. Click on the “**Partition**” button in the **T.sonic Utility** window.



Figure 33. T.sonic Utility Partition

2. The **Partition** window will appear. Partition the **T.sonic™** into a **Public** and **Private** partition by using the mouse to move the disk partition bar on the slider until the **Public Disk Area** and **Private Disk Area** have the desired memory capacity sizes.

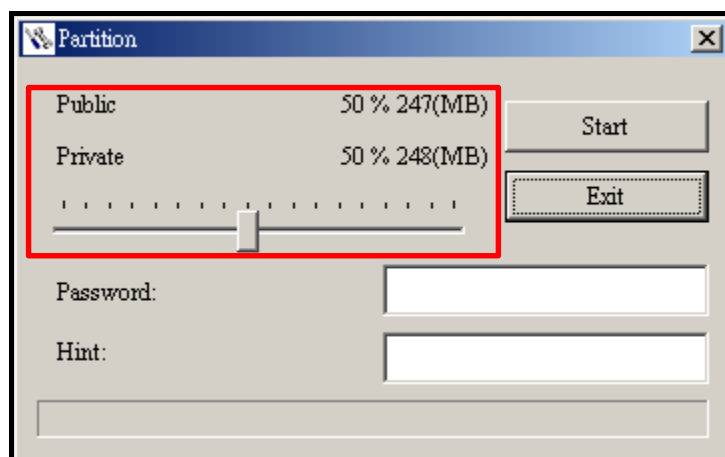


Figure 34. Create a Partition

3. Input a “**Password**” and a “**Password Hint**” (a reminder, should you forget your password). Click on the “**Start**” button to complete the **Partition & Security** setup.

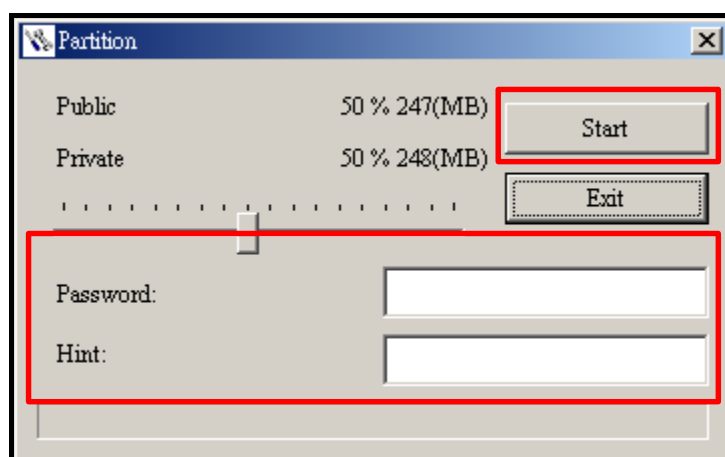


Figure 35. Password and Hint

Use the T.sonic™ Security Features

1. Click on the “**Login/Logout**” button in the **T.sonic Utility** window.



Figure 36. T.sonic Utility Login/out

2. The **Login/out** window will appear. Input your **Password** and click on the “**Login**” button to enter the **T.sonic™** Security area.

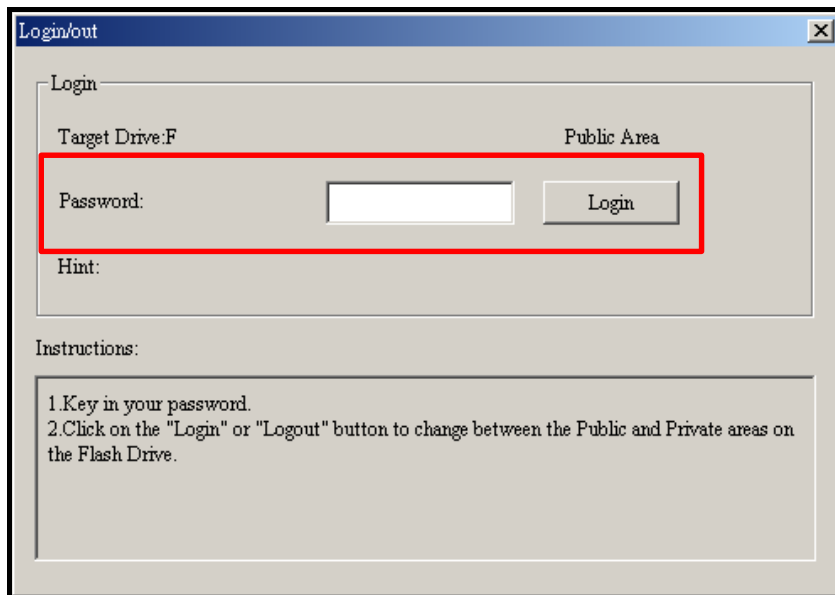


Figure 37. Enter your password

3. When you are finished using the Secure Area and no data is being transferred between the **T.sonic™** and the computer, click on the “**Logout**” button to Log Out of the **Private Partition**.



Figure 38. T.sonic Utility Logout

Changing your Password

1. Click on the “**Password**” button in the **T.sonic Utility** window.



Figure 39. T.sonic Password

2. The **New Password** window will appear. Input your current “**Password**,” a “**New Password**,” “**Confirm Password**” and a “**New Password Hint**” (a reminder, should you forget your password). Click on the “**OK**” button to complete the **New Password** setup.

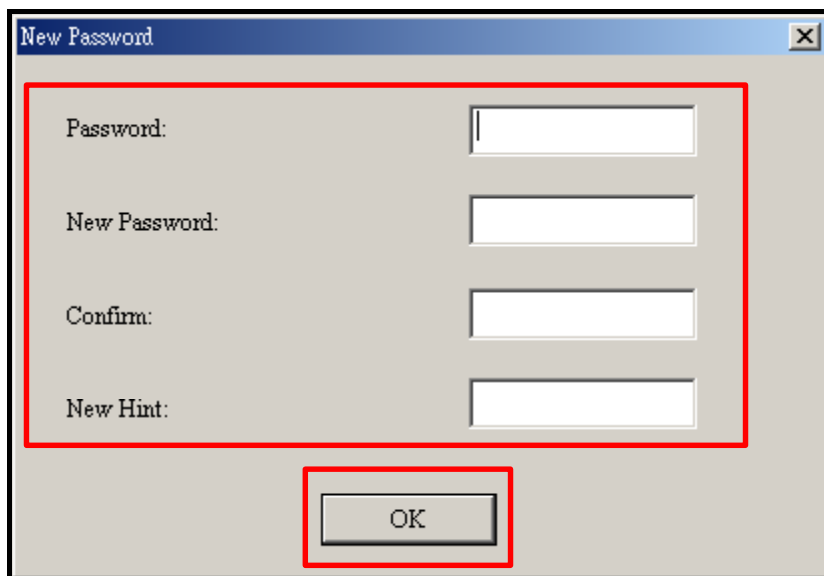


Figure 40. Change Password

Forgotten your Password

If you forget your password use the password hint to try and remember your password. However, if the hint does not work you can use the **Partition** Function to repartition your **T.sonic™**. Any data that you saved on the **T.sonic™**'s unprotected Public Disk Partition should be backed-up before re-partitioning the **T.sonic™**.



WARNING! Repartitioning the Disk will erase all of the data in the Private Area of your **T.sonic™**.

Restoring Factory Defaults

If your **T.sonic™ 820** ever stops working properly, try Powering it **OFF** and **ON** a number of times. Alternatively you can try to solve the problem by “**Resetting**” the unit. If neither of these options solves the problem, you can use the **T.sonic Utility** program's **Recovery** Function to restore the **T.sonic™ 820**'s default factory settings. Before using the **Recovery** program, please read the following sections carefully.



Running the Recovery function will erase all of the data on your T.sonic™ 820.

- ❖ The Recovery function is not supported on Mac™, or Linux™ Operating Systems.
- ❖ To use the Recovery function, you must log in to the Windows® OS with **Administrator** rights.
- ❖ Running the Recovery program will erase all of the data on your **T.sonic™ 820**.
- ❖ If there are bad memory blocks on the Flash memory chip the size of the **T.sonic™ 820**'s memory will be smaller after running the Recovery program.

1. The Recovery Program can be found in: **Start > Programs >> T.sonic Utility >>> Recovery**.

Recover the T.sonic™ 820 in Windows® Me, 2000 and XP

Plug the **T.sonic™** into an available USB port on your desktop, or notebook computer.

1. The “**Found New Hardware**” dialogue box will appear.

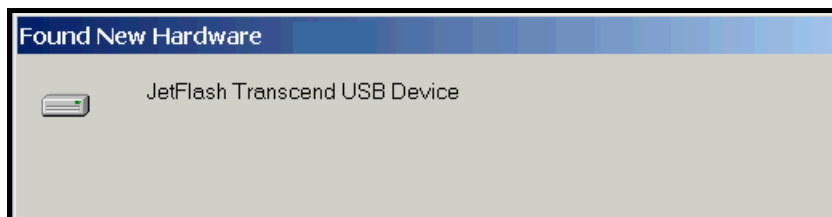



Figure 41. Found New Hardware

2. Click on the  button located on the taskbar and select: **Programs > T.sonic Utility >> Recovery** to run the **T.sonic 820 Recovery** program.
3. Click on the “**Start**” button to Recover your **T.sonic™ 820**.



Selecting this Option will erase all of the data on your T.sonic™ 820.



Figure 42. Recovery Progress

Troubleshooting

If a problem occurs with your **T.sonic™ 820**, please first check the information listed below before taking your **T.sonic™ 820** 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 FAQ and Support services on our websites.

Software CD cannot auto-run in Windows®

Go to the **Device Manager** in the **Control Panel** and enable the **Auto-Insert** function for the CD-ROM drive. Alternatively, you can manually run the “**T.sonic.EXE**” file on the software CD.

Operating system cannot detect the T.sonic™ 820

Check the following:

1. Is your **T.sonic™ 820** properly connected to the USB port? If not, unplug it and plug it in again.
2. Is your **T.sonic™ 820** connected to the Mac keyboard? If yes, unplug it and plug it into an available USB port on your Mac Desktop.
3. Is the USB port enabled? If not, refer to the user's manual of your computer (or motherboard) to enable it.

Cannot Power ON

Check the following:

1. Is the **T.sonic™ 820** connected to your computer? If yes, unplug it.
2. Is the **LOCK** switch set to “**LOCK**”? If yes, set it to the “**OFF**” position.
3. Is the battery out of power? If yes, please recharge the battery.

Cannot download MP3, WMA, WMA-DRM10, or WAV files to the T.sonic™ 820

As required, uninstall and re-install the driver. If this doesn't work, try **Resetting** the unit and if this fails, please see the “**Restoring Factory Defaults**” section to recover your **T.sonic™ 820**.

Buttons aren't working

Is the **LOCK** switch set to “**LOCK**”? If yes, set it to the “**OFF**” position.

Cannot hear track playback

1. Have you downloaded any music files onto the **T.sonic™**? If no, then you must first do so from your computer or the Internet. (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, reconnect them.
3. Is the volume loud enough? If not, increase the volume level until the music can be heard.

Track name does NOT display 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 display priority on the screen of the **T.sonic™**. You could modify the ID3 tag by using Windows Media Player or Winamp.
3. If the ID3 tag is empty, just the file name will be displayed on the screen.

Cannot enter the RECORD Mode

To make sure the recorded file will not be lost, two safety mechanisms are provided.

1. If the remaining battery capacity is less than 10%, you cannot enter the **RECORD** Mode.
2. During recording, if the remaining battery capacity goes **below 10%** the **T.sonic™** will automatically save the recording.


Track playback sounds intermittent

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

T.sonic™ Powers OFF automatically

T.sonic™ features a **SLEEP Mode**, which acts as a **Power Saving** feature. You can preset your **T.sonic™** to Power OFF automatically after 15, 30, or 60 minutes. Please refer to the “**Sleep**” section in **SETTINGS**.

T.sonic™ just isn't working properly

If your **T.sonic™** ever stops working properly, or locks up, try Powering it ON and OFF a few times, if this does not correct the problem you can **Reset** the unit by pressing the “**Reset**” button  for 3 to 5 seconds. If all of these options fail you can restore your **T.sonic™** to its Default Factory Settings by using the “**Recovery Function**.”

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

Re-copy the file and refer to the “**Disconnecting from a Computer**” 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 “**Disconnecting from a Computer**” section to remove the **T.sonic™** after the delete process is completed.

T.sonic™ automatically removed from the operating system

This problem occurs when you press the “**Volume Down**” button  while your **T.sonic™** is still connected to a Computer USB port. Unplug your **T.sonic™** from the USB port and plug it back in again.

T.sonic™ cannot operate after it was formatted in Windows®

Formatting the **T.sonic™** using the “Quick Format,” or “Full Format” option in Windows® erases the default format of the **T.sonic™**. To retrieve the default format, you must link to <http://www.transcendusa.com/> and download a Firmware Update for your **T.sonic™**.

How do I find out what Windows Media Player version I am using?

1. Open your Windows Media Player program.
2. Click on the “**Help**” menu and select the “**About Windows Media Player**” option.
3. The version of your Windows Media Player will be displayed on the computer screen.

Cannot listen to DRM music on my T.sonic™ 820?

1. The **T.sonic™ 820** only supports WMA-DRM10 music files, is this the file type you are using?
2. You must use Windows Media Player 10 to transfer and synchronize your WMA-DRM10 music files with the **T.sonic™ 820's** **MTP** Folder.

Cannot play a Video file on my T.sonic™ 820?

The T.sonic™ 820 only supports “.MTV” Video files, please see the “[Transcend Multimedia Converter](#)” section on how to convert your videos to the MTV format.

Having problems converting a Video file using the Transcend Multimedia Converter?

First, download DirectX 9.0 (or later) onto your computer. Next, open the Video file on your computer that you had a problem converting and try playing it, if the Video does not play, then this means that the Video Codec you are trying to convert has a compatibility issue with your PC and cannot be converted using the Transcend Multimedia Converter.

Cannot view a Photo file on my T.sonic™ 820?

The T.sonic™ 820 only supports “.JPG,” “.BMP” Photo files, please ensure that the photo is one of these file types.

Cannot read an E-book file on my T.sonic™ 820?

The T.sonic™ 820 only supports “.TXT” E-book files, please ensure that the E-book is this file type.

Sync Lyrics: Why can't I see the words of the song I am listening to?

For detailed Sync Lyrics instructions, please link to the FAQ section on our website <http://www.transcendusa.com/Support/FAQ/index.asp?axn=Detail&LangNo=0&FAQNo=402>

Specifications

● Size (L x W x H):	82 mm × 40.5 mm × 12 mm
● Weight:	45g (with Li-ion battery)
● Music Formats:	MP3 WMA and WMA-DRM10 (Subscription music)
● Video Formats	MTV
● Photo Formats	JPG, BMP
● Recording Format:	ADPCM (WAV)
● Estimated Battery Life:	15 hours Music playback (fully charged battery)
● Compression Rates:	32Kbps to 320Kbps
● Data Retention:	Up to 10 years
● Erase Cycles:	≥ 100,000 times
● Signal-to-Noise Ratio:	≥ 90dB
● Certificates:	CE, FCC, BSMI
● Warranty:	2-years

Ordering Information

<i>Device Description</i>	<i>Memory Size</i>	<i>Transcend P/N</i>
T.sonic™ 820 MP3 Music Player	2GB	TS2GMP820
T.sonic™ 820 MP3 Music Player	4GB	TS4GMP820

Transcend 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, which is 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. During the warranty period should your Transcend T.sonic™ 820 fail under normal use in the recommended environment due to improper workmanship or materials, Transcend will repair the product or replace it with a comparable one. This warranty is subject to the conditions and limitations set forth herein.

Duration of Warranty: The Transcend T.sonic™ 820 is covered by this warranty for a period of two (2) years from the date of purchase. Proof of purchase including the date of purchase is required to collect on the warranty. Transcend will inspect the product and decide whether to repair or replace it. Transcend reserves the right to provide a functional equivalent product, or a refurbished replacement product.

Limitations: This warranty does not apply to product failure caused by accidents, abuse, mishandling, improper installation, alteration, acts of nature, improper usage, or problems with electrical power. In addition, opening or tampering with the product casing, or any physical damage, abuse or alteration to the product's surface, including all warranty or quality stickers, product serial or electronic numbers will also void the product warranty. Transcend is not responsible for recovering any data lost due to the failure of a flash memory device. Transcend's T.sonic™ 820 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 T.sonic™ 820 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. There are no other warranties, including 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. Please read Transcend's Warranty Policy in full to understand your rights.

Transcend Warranty Policy: <http://www.transcendusa.com/Support/Warranty.asp>

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

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

❖ The specifications mentioned above are subject to change without notice.

Transcend
Exceeding Your Expectations

Transcend Information, Inc.

www.transcendusa.com

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*All logos and marks are trademarks of their respective companies.

Glossary Icons



MUSIC: Select this icon to access your MP3, WMA and WMA-DRM10 music files.



RADIO: Select this icon to choose, save, listen to and record a Radio station.



RECORD: Select this icon to access the Audio Recordings you made.



VIDEO: Select this icon to access your MTV Video files.



PHOTO: Select this icon to access your JPG and BMP Photo files.



E-book: Select this icon to access your TXT E-book files.



Settings: Select this icon to customize the T.sonic's settings to your specific preferences.



Repeat: Select this icon to repeat a song, a section of a song, or all the songs in a folder.



Equalizer: Select this icon to choose the equalizer setting that matches the type of music you are listening to i.e. Rock, Pop, Jazz, Classical, Bass, or User defined.



Screen Saver: Select this icon to setup a time delay for the unit's screen to (1) go Blank, (2) display the Clock, (3) display the Song Title, (4) display one of two Images.



Sleep: Select this icon to specify the time interval before the T.sonic Powers OFF due to inactivity.



Contrast: Select this icon to adjust the brightness of the OLED display.



Language: Select this icon to choose the T.sonic's user language (default English).



Sync Lyrics: Select this icon to display the words of a song on the screen during playback.



PlayBack Speed: Select this icon to increase, or decrease the speed at which audio files play.



FM Reset: Select this icon to reset all the radio stations that have been saved to channel numbers.



MTP Media Transfer Mode: Select this icon if you want to buy and play WMA-DRM10 music on your player. Use Windows Media Player 10 to transfer and synchronize your music files.



Playlist Manager: Select this icon to manage your playlist.



Slideshow Timer: Select this icon to set a time delay between each photo in a slideshow.



RTC: Select this icon to change the current date and time.



World Time: Select this icon to choose a world time zone.



REC Quality: Select this icon to choose a recording quality level for audio recordings made using the built-in microphone.



REC Input Device: Select this icon to choose the method of recording: Built-in Microphone, or Line-In (external microphone, CD Player).



VAD: Voice Activation Detection, Select this icon to setup for gapless audio recordings.



About: Select this icon to see what firmware version the unit is currently using and the T.sonic's memory capacity.

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Windows Media Audio Digital Rights Management¹⁰ is a digital audio file compression technology that supports subscription based digital rights protected music, which is typically downloaded from an online store.
