SoniqCast ›))

Aireo™

Aireo™

User Guide

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Introduction

Welcome

Congratulations! Thank you for purchasing the SoniqCast Aireo™ Wireless Media Player. Advanced features found only on Aireo are now at your fingertips. Your music, your way! Aireo now provides access to your music through Wi-Fi (wireless) technology. Aireo's 20 GB hard drive will store more than 5000 songs for you that can be refreshed when you wish through wireless synchronization. Aireo includes:

- MP3/WMA Player
- FM Stereo Receiver
- FM Transmitter
- USB Connectivity
- Behind-the-head Headphones
- Backlit LCD Display
- AC Power Adaptor (120/220V)
- Long Lasting Rechargeable Battery
- Deluxe Carrying Case

Note: SoniqCast does not supply a software CD with this product. All of the software and documents are stored on the internal hard drive for Aireo.

Thank you for purchasing an SoniqCast Aireo MP3 Player. The latest technology in portable audio!

SoniqCast Aireo Wireless Media Player

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July 2005

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Communications Regulation Information

FCC Compliance Statement

This MP3 Player complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.   See instructions if interference to radio or television reception is suspected.

Radio and Television Interference

This device generates, uses, and can radiate radio-frequency energy. If not installed and used properly – it may cause interference with radio and television reception.

This equipment has been tested and found to comply with the limits for a Class B digital device in accordance with the specification in Part 15 of the FCC rules. These specifications are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. You can determine whether your MP3 Player system is causing interference by turning it off. If the interference stops, it was probably caused by the MP3 Player or one of the peripheral devices.

If your MP3 Player system does cause interference to radio or television reception, try to correct the interference by using one or more of the following measures:
- Turn the television or radio antenna until the interference stops.
- Move the computer to one side or the other of the television.
- Move the computer farther away from the television or radio.
- Plug the computer into an outlet that is on a different circuit from the television or radio. (That is, make certain the computer and the television or radio are on circuits controlled by different circuit breakers or fuses.)

If necessary, consult a SoniqCast-authorized service provider or SoniqCast. See the service and support information available in this users guide. Or, consult an experienced radio/television technician for additional suggestions.

Important: Changes or modifications to this product not authorized by SoniqCast LLC could void the EMC compliance and negate your authority to operate this product.

This product was tested for EMC compliance under conditions that include use of SoniqCast peripheral devices and SoniqCast shielded cables and connectors between MP3 Player system components. It is important that you use SoniqCast peripheral devices and shielded cables and connectors between system components to reduce the possibility of causing interference to radios, television sets, and other electronic devices. You can obtain SoniqCast peripheral devices and the proper shielded cables and connectors through a SoniqCast-authorized dealer. For non-SoniqCast peripheral devices, contact the manufacturer or dealer for assistance.
FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 1.5cm between the radiator & your body.□□

Industry Canada Statement

This Class B device meets all requirements of the Canadian interference-causing equipment regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

European Community

Complies with European Directives 72/23/EEC and 89/336/EEC.

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Caring for Aireo

Safety and Handling

Caring for your MP3 Player – Although Aireo is quite robust, please observe safety and handling instructions:

1. Do not store or use Aireo in areas exceeding 45° C, or 113° F
2. Do not subject Aireo to excessive force or impact
3. Keep Aireo away from excessive moisture
4. Do not expose Aireo to heat or flame
5. Keep Aireo away from strong magnetic fields
6. Please do not dismantle
7. Store Aireo out of direct sunlight
8. Do not crush or puncture

Caring for Aireo's Battery – Aireo contains a long-lasting Lithium-ion battery that is NOT removable. Please observe the following precautions:

1. Do not attempt to remove Aireo's internal battery. Please contact our Technical Support personnel for service of the battery.
2. Aireo's battery must be disposed of according to local environmental regulations.

Before You Begin

Package Contents – The following items are included with your Aireo purchase:

- Aireo 20G Gig MP3 Player
- Stereo Headphones
- USB Cable
- AC Power Adapter
- Quick Start Guide
- Deluxe Carry Case
- Limited Warranty

Website Information – Visit the Aireo website (www.soniqcast.com) for additional information and support, including:

- Aireo Software and Firmware Updates
- Online Technical Support
- Troubleshooting
- FAQs
- How-To Tutorials
- Documentation
- Accessories

- Product Information

- **Documentation & Software –** The documentation and software necessary for your Aireo player and Host PC are included on the Aireo player hard-drive. See **Error! Reference source not found.** in this document for installation instructions.

Minimum System Requirements – The following is required as a minimum for your Aireo host PC operations:

- Microsoft® Windows® 2000, or Windows® XP
- Intel® Pentium II 200 MHz, AMD®-K6-2® 200 MHz or better processor (Pentium III 450 MHz or higher recommended)
- USB 1.1 or 2.0 port connection
- 64 MB RAM (128 MB recommended)
- 20 MB free hard disk space (more if storing music files)
- Internet connection for Internet content downloading and website support
- Installed Mouse
- SVGA graphics adapter (256 colors, 800 x 600 resolution or better)
- 802.11 B/G Wireless Access Point required for wireless PC to player transfers

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Quick Start Guide

Dome light

Dual headphone ports

Select key

Left scroll key

Down scroll key

USB/AC Power connector port

Up scroll key

Right scroll key

Power button
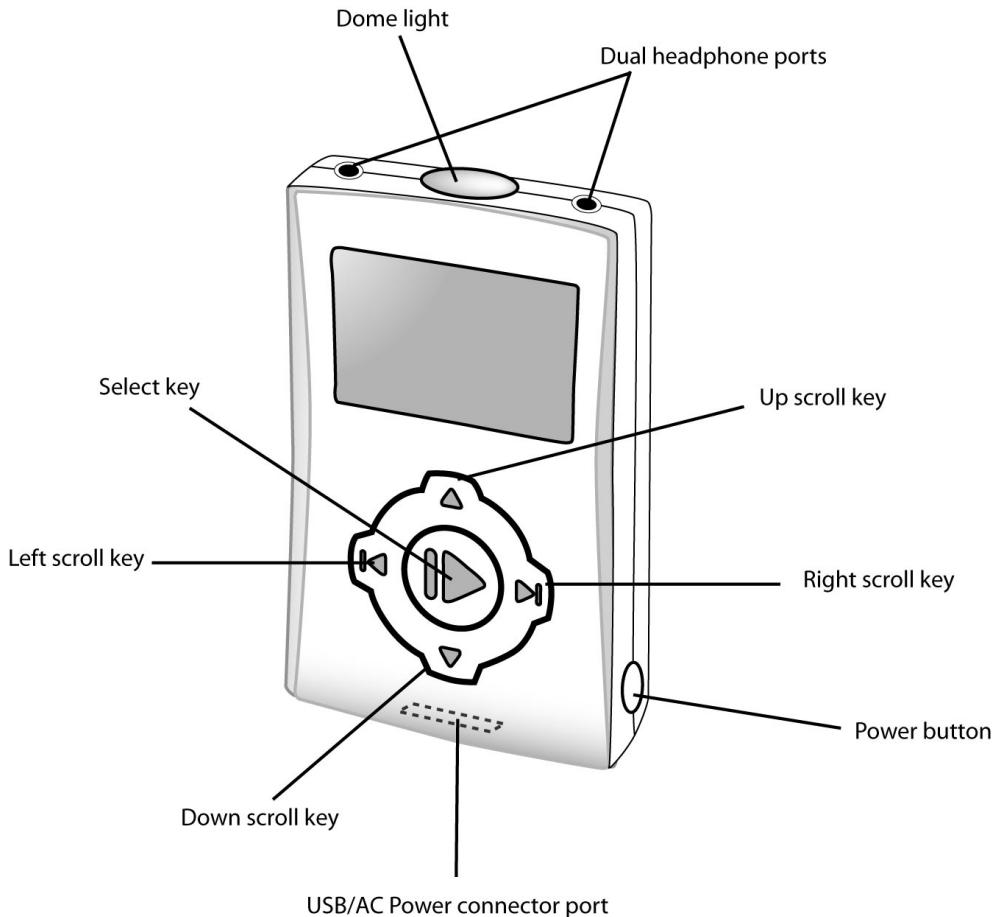
WifiPlayer Music Controls

Main Menu	Press and hold the Select key
Play a Song	Press the Select key
Change the volume	Press the Up key once, then use Right/Left to adjust volume up/down One step: press and hold Up/Down
Pause a song	Press the Select key
Skip to the next song	Press the Right key
Start a song over	Press the Left key
Play the previous song	Press the Left key twice
Fast-Forward	Press and hold the Right key
Rewind	Press and hold the Left key

Shortcut Bars

Shortcut bars provide convenient access to the most commonly used functions. For example, changing the volume is done using the *Volume* shortcut bar. Shortcut bars are accessed by pressing the Up and Down keys. Press the Up key to go through the shortcut bar list in a pre-defined order. Press the Down key to go through the list in the opposite order. The following shortcut bars are available from the Audio Player application:

- Volume (line-out)
- FM Transmitter Volume
- FM Transmit Frequency (select)
- FM Transmit Mode (select)
- Add Song to My Favorites Playlist
- Shuffle On/Off
- Equalizer Preset (select)
- Playlist/Bookmark

The shortcut bar list can be customized by turning shortcut bars on and off from the **Preferences – Audio – Shortcut Bars** menu.

Turning Your WifiPlayer On and Off

The power button is located on the lower right side of the player.

Press the power button to turn the player on.

To turn the player off, press the power button and select from the list of options. By default, the player will go into standby. From standby mode the player will turn back on very quickly. However, if the player will not be used for an extended period of time it is recommended to power off the unit. The battery will maintain a charge for a longer period of time when the unit is powered off.

Disable WifiPlayer Keys

If you want to prevent accidental key presses you can disable the *WifiPlayer* keys by pressing the power button and selecting the Lock Keypad menu option. To enable the *WifiPlayer* keys press the power button again and select Unlock Keypad.

Finding Music

The playlist menu is used to find songs by title, artist, album, genre, or playlist.

To access the playlist menu, press and hold the Select key to access the main menu. Then highlight the Playlist menu item and press Select.
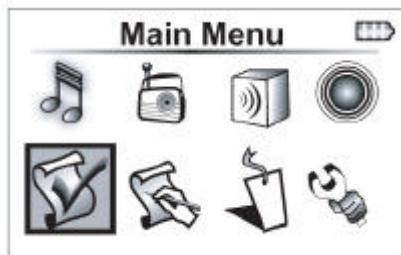
To play a particular album, select the album name and press Select. The album will begin playing at the first song.

Select Playlist	
Playlists	>>
Genres	>>
Artists	>>
Albums	**>>**
Album by Artist	>>
Pl	

Albums	
Album 1	>>
Album 2	>>
Album 3	>>
Album 4	**>>**
Album 5	>>
Album 6	
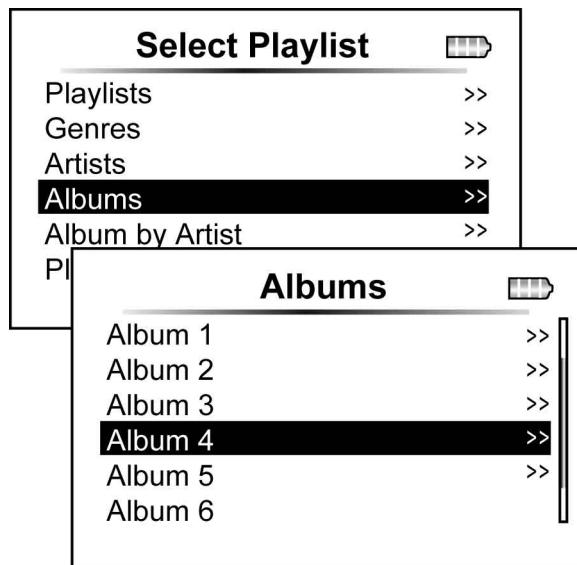
The chevron symbol to the right of a menu item means you can see songs in a particular playlist by pressing the Right key.

For example, if you wanted to play a particular song from an album, you could press the Right key from the Album selection.

Select Playlist   🔋

Playlists	>>
Genres	>>
Artists	>>
Albums	**>>**
Album by Artist	>>

Albums   🔋

Album 1	>>
Album 2	>>
Album 3	>>
Album 4	**>>**
Album 5	>>

Album 4   🔋

Song 1	>>
Song 2	>>
Song 3	>>
Song 4	**>>**
Song 5	>>
Song 6	
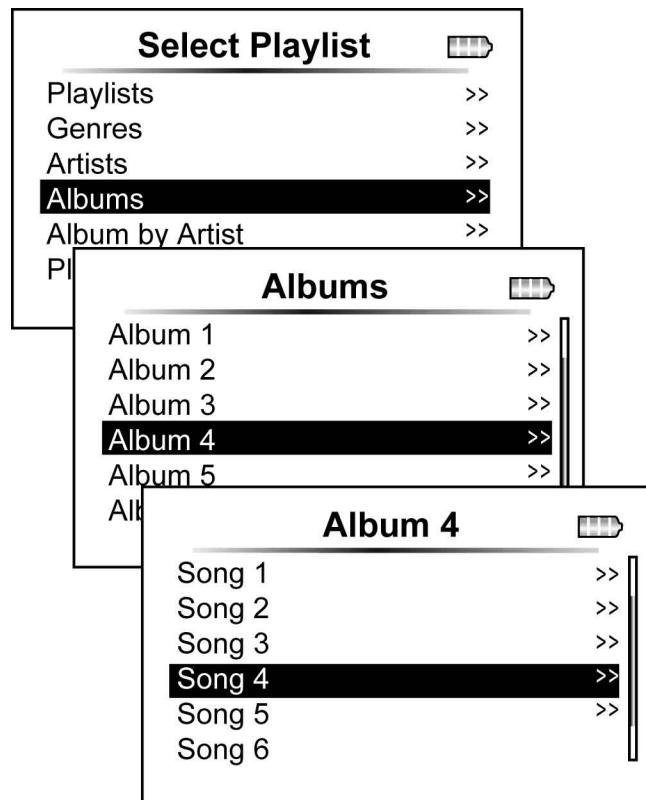
Pressing the Select key on the selected song will play the album starting with the selected song.

Quickly Navigating Within Huge Lists

Your *WifiPlayer* can hold thousands of songs. Some of the menu lists you encounter can be very long. This section describes how you can quickly find what you are looking for within very long lists.

1.1.1.1 Accelerated Scrolling

By pressing and holding the Up/Down keys you can scroll up and down through a list. The longer you hold the key down, the faster you will scroll through the list.

1.1.1.2 Quick Navigation

Within alphabetically sorted lists you can press and hold the Right key to enter into quick navigation mode. Once enabled, you can quickly navigate by the letters of the alphabet using the Up/Down keys. For example, to find your favorite artist beginning with the letter 'S' you could enter into the Artist menu, press and hold the Right key, then use the Down key to find artists beginning with the letter 'S'.

```
┌─────────────────────────────┐
│        Artists        ▭▭▶    │
│ ─────────────────────────── │
│ BassX              >>     ┃  │
│ Chuck Yamek       >> C     ┃  │
│ CraigChaquico      >>     ┃  │
│ Danny Elfman       >>     ┃  │
│ Daryl Hall         >>     ┃  │
│ Elizabeth Keeney         ┃  │
└─────────────────────────────┘
```
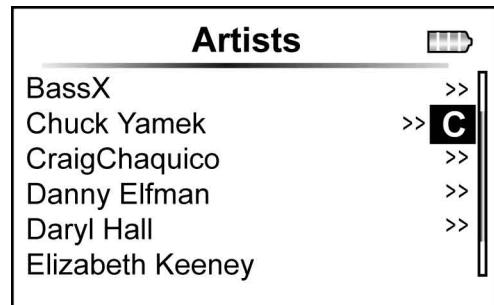
From quick navigation mode if you press the Right key a second time you can now navigate alphabetically by the second letter. For example, by 'Sa', 'Sb', 'Sc', etc. At the second level the Up/Down keys will wrap within list entries beginning with the first letter (e.g., 'S').

Quick navigation mode allows you to navigate with up to three letters.

Pressing the Select key immediately exits quick navigation mode. Pressing the Left key decreases the level by one.

Quick navigation can be used on the following alphabetically sorted lists:

- User defined playlists
- Genres
- Songs within a particular genre
- Artists
- Songs by a particular artist
- Albums
- All tracks

Songs within user defined playlists and songs within albums are in general not sorted alphabetically. Therefore quick navigation mode is not supported within these lists.

Charging your WifiPlayer

Your WifiPlayer can be charged using the supplied AC power adapter, or the supplied USB cable.

Charging with the AC Power Adapter

Connect the AC power adapter to the adapter port on the player and into a wall outlet. The dome light at the top of the player will show red while the player is charging.
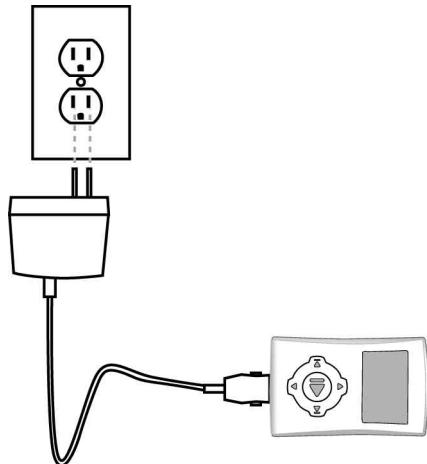
Charging with the USB Cable

Connect the USB cable to the USB port on the player and to your PC. The dome light at the top of the player will show red while the player is charging.
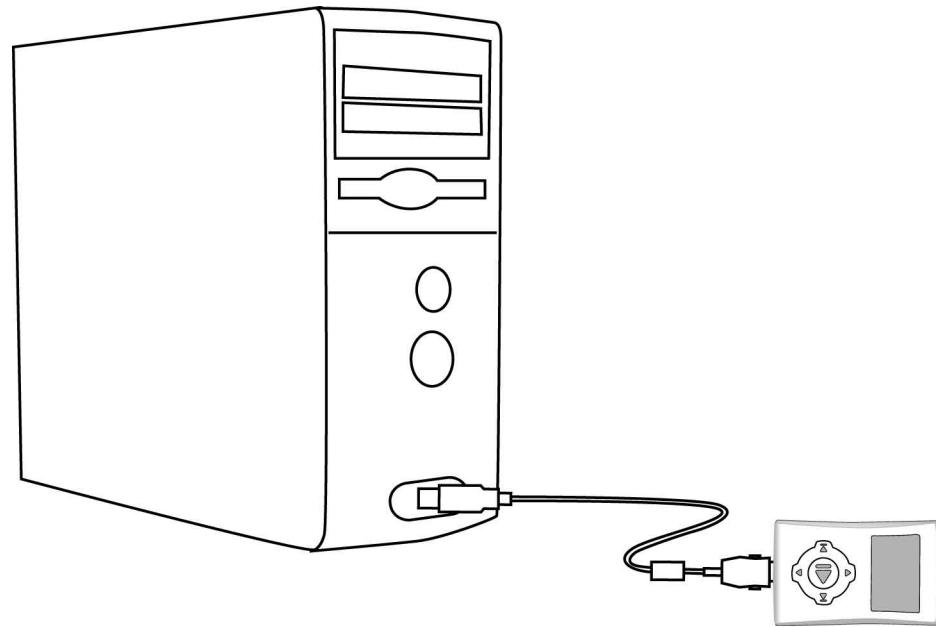
Transferring Music to Your WifiPlayer

This section will tell you how to transfer music to your player using the supplied USB cable.

Using Windows Media Player 10

Windows Media Player 10 can be used to transfer individual songs, artist, albums and playlists to your *WifiPlayer*.

Step 1: Connect the USB cable to the USB port on the player and to your PC.

Step 2: Open Windows Media Player 10.
Click **Start – All Programs – Accessories – Entertainment – Windows Media Player**

Step 3: Locate the music you wish to transfer to your *WifiPlayer* and Right-Click on it. Select **Add to – Sync list**. Repeat for all the music you wish to transfer.

Step 4: Click the **Sync** menu from Windows Media Player 10. Then choose the *WifiPlayer* from the download list.

Step 5: Click **Start Sync** to transfer the music from your Sync list to the player.

Step 6: After the transfer is complete, disconnect the USB cable and enjoy your music.

Please refer to the Windows Media Player 10 documentation for more information.

Using Windows Explorer

Windows Explorer can be used to transfer music to your *WifiPlayer*.

Step 1: Connect the USB cable to the USB port on the player and to your PC.

Step 2: Open Windows Explorer.
Click **Start – All Programs – Accessories – Windows Explorer**

Step 3: From **Windows Explorer – My Computer – Audio Devices** locate the *WifiPlayer* icon.

Step 4: Use Windows Explorer to drag and drop your favorite music onto your *WifiPlayer*.

Step 5: After you are done dragging files onto your *WifiPlayer*, disconnect the USB cable and enjoy your music.

Listening to the FM Radio

Select FM Stereo from the main menu to listen to the FM radio.
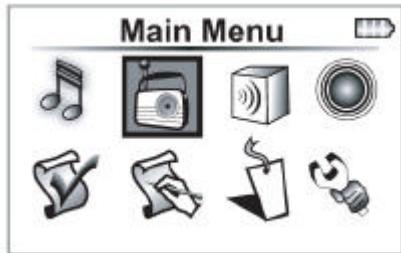
Note: The FM radio uses your headphone as the antenna.

Shortcut Bars

Most of the functions described in this chapter are accessible via shortcut bars. Use the Up/Down keys from the FM Stereo application to access the shortcut bars. The following shortcut bars are available:

- Volume
- Store Preset
- Clear Preset
- Tuning Mode (select)
- Auto Load Presets

FM Radio Controls

Listen/mute the radio	Press the Select key
Change the volume	Press the Up key once, then use Right/Left to adjust volume up/down

Tuning Modes

The radio supports four tuning modes described in this section.

To select a tuning mode, press the Up key until the *Mode* shortcut bar appears. Then use the Left/Right keys to navigate through the tuning mode options. Press the Select key to select the desired tuning mode.

Manual Tuning
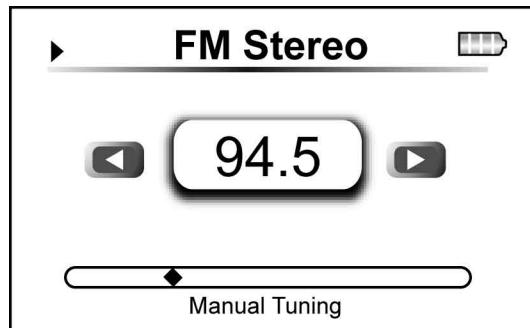
Manual tuning allows you to manually tune up and down the dial.

Tune to next frequency	Press the Right key
Tune to previous frequency	Press the Left key

Note: Press and hold the Next/Previous key to accelerate movement up and down the dial.

Preset Tuning
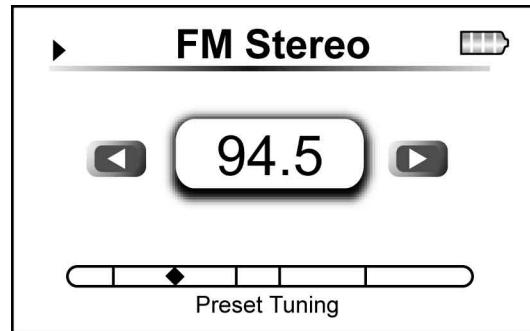
Preset tuning mode allows you to quickly switch between your radio station presets.

Tune to next station preset	Press the Right key
Tune to previous station preset	Press the Left key

Seek Tuning

Seek tuning allows you to find available stations up and down the radio dial.

Seek to next available station	Press the Right key
Seek to previous available station	Press the Left key

Scan Tuning
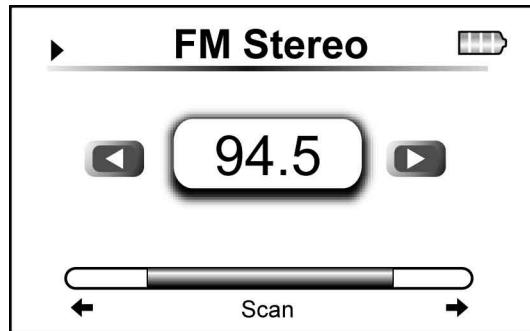
Scan tuning allows you to find available stations, listen to them for a short time, and then automatically go to the next station.

Scan to next available station	Press the Right key
Scan to previous available station	Press the Left key
Stop at current station	Press the Select key

Manually Storing Presets

Up to 14 stations presets can be stored. Select a radio station you want to store, then press the Up key until the *Store Preset* shortcut bar appears. Use the Left/Right keys to select a preset location. Press Select to save the current station at the selected preset location.

Clearing Presets

Any previously stored preset can be cleared using the *Clear Preset* shortcut bar. Press the Up key until the Clear Preset shortcut bar appears, then use the Left/Right keys to select the preset you want to clear. Press the Select key to clear the selected preset.

Auto Loading Presets

The auto load preset feature provides a quick way to find available stations and to store them as presets. Press the Up key until the *Auto Load Presets* shortcut bar appears. Then press the Select key to start auto load. The player will scan up and down the dial for stations with a strong signal. When finished, a list of available stations will be displayed. Use the Up/Down keys to listen to the stations. To set a station as a preset, press the Right key and a checkmark will appear next to the station. When you are satisfied press the Select key and all selected stations will be stored as presets.

Using the Built-In FM Transmitter

The built-in *WifiPlayer* FM transmitter allows you to transmit your favorite music to your car radio or home stereo receiver. Simply tune your radio to an unused frequency of the FM band, unplug your headphones and enjoy your music.

Note: The FM transmitter is automatically enabled whenever you unplug your headphones and automatically disabled when you plug your headphones back in.

Selecting an FM Transmit Frequency

The *WifiPlayer* can be configured to transmit on virtually all FM transmit frequencies.

Press and hold the Select button to access the main menu. From the main menu, select **Preferences – FM Transmitter**.

From the FM Transmitter menu the current transmit frequency is displayed. Highlight and select the **Set Frequency** menu item to change the transmit frequency.

You can use the Left/Right keys to manually select an appropriate FM transmit frequency. The *WifiPlayer* immediately begins transmitting on the selected frequency.

Storing FM Transmit Presets

Up to four FM transmit frequencies can be stored in presets. To store an FM transmit preset, select the desired transmit frequency then press the Up key twice. Now use the Left/Right keys to select one of the four preset locations. Press the Select key to store the current frequency in the selected preset location.

Using FM Transmit Presets

The FM transmit preset can be adjusted from the Audio Player application via the *FM Tx Frequency* shortcut bar. From the Audio Player application press the Up key until the *FM Tx Frequency* shortcut bar appears. Then use the Left/Right keys to select from the stored preset locations.

Note: the *FM Tx Frequency* shortcut bar can be enabled or disabled from the **Preferences – Audio – Shortcut Bars** menu item.

Adjusting the FM Transmit Volume

FM transmit volume can be adjusted from the Audio Player application via the *FM Tx Volume* shortcut bar. From the Audio Player application press the Up key until the *FM Tx Volume* shortcut bar appears. Then use the Left/Right keys to adjust the FM transmit volume level.

Stereo vs. Mono

The WifiPlayer FM transmitter is capable of transmitting in both stereo and mono. Certain types of audio files (audio books for example) can benefit from mono transmission.

Stereo vs. mono transmission can be adjusted from the Audio Player application via the *FM Tx Mode* shortcut bar. From the Audio Player application press the Up key until the *FM Tx mode* shortcut bar appears. Then use the Left/Right keys to select between stereo and mono.

Note: the *FM Tx Mode* shortcut bar can be enabled or disabled from the **Preferences – Audio – Shortcut Bars** menu item.

Wireless (WiFi) Features

Your *WifiPlayer* contains a built-in 802.11.b wireless (WiFi) network adapter. This section tells you how to use the features utilizing the WiFi adapter.

Supported Network Configurations

There are two basic WiFi network configurations supported by your *WifiPlayer*: Infrastructure, and Ad-Hoc.

Infrastructure Networks

Infrastructure networks involve the use of a device called a Wireless Access Point, or WAP for short. The WAP provides the ability to connect your *WifiPlayer* to your PC and the internet. The following diagram illustrates:
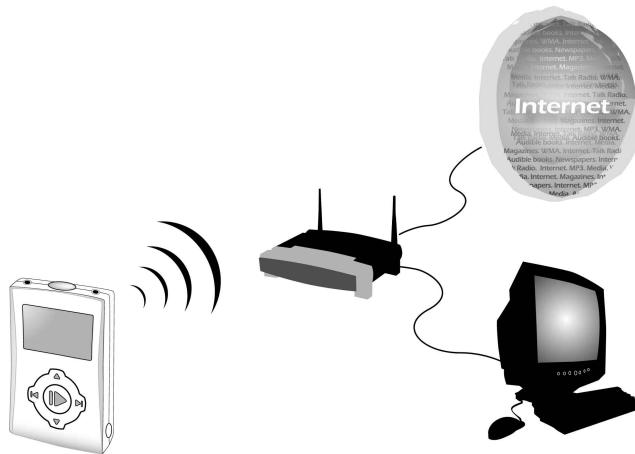
A WAP is configured with an SSID (Service Set Identifier) and a network key (i.e., a password) used to prevent unauthorized access to the network. Your *WifiPlayer* must be configured with the appropriate SSID's and network keys for each WAP you will be using. See section "Configuring Wireless Access Points" for more information.

Ad-Hoc Networks

Ad-Hoc networks allow two or more wireless devices to communicate without the need for a Wireless Access Point (WAP). This is useful in the following scenarios.

1.1.1.3 Player to Player

In this scenario, one *WifiPlayer* establishes an ad-hoc network allowing another *WifiPlayer* to join the network and share files directly from player to player. The following diagram illustrates:
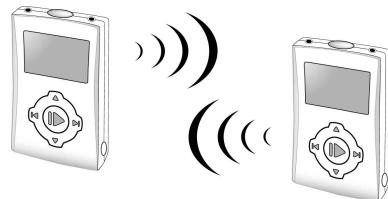
Please see the section "Player to Player and Wireless File Sharing" for more information.

1.1.1.4 Player to Laptop

In this scenario, a laptop computer with a wireless network card establishes an ad-hoc network allowing a WifiPlayer to join the network and share files from player to laptop. The following diagram illustrates:
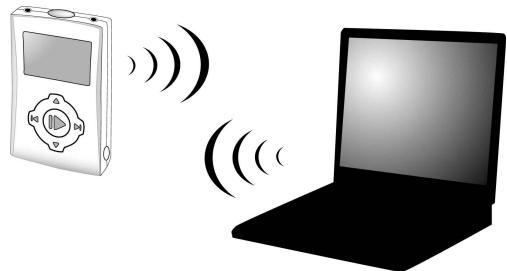
Please see **Appendix A** for details on how to configure an ad-hoc network on a laptop computer.

Network Privacy

Your *WifiPlayer* supports both WEP (Wired Equivalent Privacy) and WPA PSK (WiFi Protected Access Pre Shared Key) network privacy methods.

For WEP, 64-bit and 128-bit keys are supported.

For WPA, a pass-phrase from 8 to 63 characters is supported.

Configuring Wireless Access

To configure wireless access on your *WifiPlayer*, simply try to connect to a wireless network. If the *WifiPlayer* detects it does not have the proper configuration it will prompt you to enter an appropriate network key as required by the network. For example, if you try to connect to a network enabled for WPA, the player will prompt you to enter a WPA network key (i.e., pass-phrase). The network configuration information will be saved on the player for future use.

Hot Spot Locator

The Hot Spot Locator feature is used to find wireless networks in your area.

Select **Hot Spot Locator** from the main menu to enter the hot spot application.
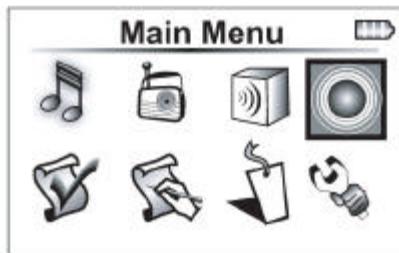
Scanning and Connecting to Hot Spots

From the Hot Spot application select **Scan for Hot Spots** to start scanning for wireless networks. Once the scan completes (around 5 seconds) a list of networks will be displayed. For each network the display will indicate the network name, the network privacy employed by the network, and the signal strength.

Use the Up/Down keys to select the desired network. Press the Select key to connect to the selected network.

Note: if the selected network has not been configured, and the network requires a key (WEP or WPA) you will be prompted to enter a key before you can connect.

Once connected to a wireless network a number of options are available:

- You can connect to any of the available internet services (provided the internet is accessible from the network).
- You can view detailed information about your network connection (e.g., your IP address and signal strength).

Connecting to Internet Services

Internet services include a variety of on-line audio content stores such as Audible.com. Using the wireless capabilities of your *WifiPlayer* you can keep your timely subscription content up to date without having to connect your player to your PC.

Note: before you can access internet services directly from your *WifiPlayer*, you must add an internet service account. Please see the section titled "Managing Internet Service Accounts" for more detail.

To access internet services select **SoniqSync** from the main menu.
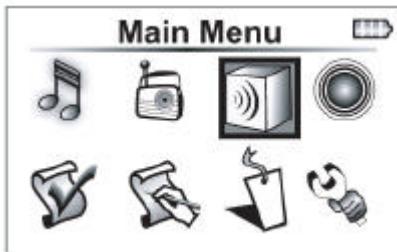
From the SoniqSync menu select **Connect to Internet**.

From this menu select the desired service to download your purchased content directly to your player.

Audible.com

Audible.com provides access to your subscriptions and books.

1.1.1.5 Get New Subscriptions

The *Get New Subscriptions* option provides a one-step method to sync your latest subscription issues to your player. Old issues are automatically replaced with the latest issues. Playlists are automatically created for each of your subscriptions.

1.1.1.6 Browse My Library

The *Browse My Library* option allows you to download individual subscription issues and books. Playlists are automatically created for each downloaded program.

Managing Internet Service Accounts

From the SoniqSync menu select **SoniqSync Setup** – **Service Accounts** to manage your internet service accounts.

Listing Your Accounts and Changing Your Password

The **List Accounts** menu provides a list of your currently active accounts, and allows you to change your password on an existing account. To change your password:

Step 1: Select an account from the list.

Step 2: Select Edit Password.

Step 3: Enter the new password using the keyboard interface.

Step 4: Save the new password.

Step 5: It is recommended you go to the **SoniqSync Setup – Service Accounts – Test Account** menu to verify your password change is correct.

Adding a New Account

The **Add Account** menu is used to enter your account username and password information so you can purchase and download content from your existing account directly from your *WifiPlayer*.

Note: creating an account for a new service must be done from your PC. From your PC you will establish your username and password and enter your billing information. Billing information is not stored on your *WifiPlayer*.

Adding an account to your *WifiPlayer* requires access to a wireless network that is connected to the internet. Follow the steps outlined below:

Step 1: The player will scan for wireless networks. Select an appropriate wireless network from the list of available networks.

Step 2: Your *WifiPlayer* will download a list of available services supported by your player. Select the appropriate service.

Step 3: Enter your username and password that you have previously established.

Step 4: Your *WifiPlayer* will contact the service using your username and password to verify your account information has been entered correctly. If your account information could not be verified, you will need to re-enter your username and password.

Note to Audible users: your *WifiPlayer* will be activated for Audible playback as part of account verification.

Step 5: Your account has now been successfully added.

Deleting an Account

The **Delete Account** menu is used to delete an account from your *WifiPlayer*. Some types of service accounts require internet access. For example, Audible accounts require internet access in order to deactivate the player.

Follow these steps to delete an account:

Step 1: Select account to delete from the list.

Step 2: Confirm you want to delete the account.

Step 3: If the service requires internet access, the player will scan for wireless networks. Select an appropriate wireless network from the list.

Step 4: Your WifiPlayer will contact the service and perform player deactivation for the account.

Step 5: Your account has now been successfully deleted.

Testing an Account

The **Test Account** menu provides a way to verify your username and password for an account. Testing an account on your *WifiPlayer* requires access to a wireless network that is connected to the internet. Follow the steps outlined below:

Step 1: Select an account from the list.

Step 2: The player will scan for wireless networks. Select an appropriate wireless network from the list of available networks.

Step 3: Your *WifiPlayer* will contact the service using your username and password to verify your account information is correct.

Note to Audible users: your *WifiPlayer* will be activated for Audible playback as part of account verification.

Automated Scheduled Sync

Your *WifiPlayer* can be configured to perform automated scheduled syncs to download new content from service accounts over a wireless network. Each service account may be scheduled independently at a specific time of day. The actions that can be performed during a sync operation depend upon the type of service.

The intent of this feature is to allow you to automatically download new content to your player, so that you have fresh content each day. There are several criteria that must be satisfied to successfully perform an automated scheduled sync:

- You must leave your *WifiPlayer* in standby, or leave it on and plugged into the AC power adapter. If your player is in standby, it will wake up at the specified time, perform the desired actions, and go back into standby. The player cannot wake up if it is powered off.
- You WifiPlayer must be within range of your wireless access point, and must have access to the internet.
- You must choose an appropriate time after the desired content will be available. For example, if Audible.com makes the daily Wall Street Journal available at 5am, you need to make sure you schedule your sync to occur after that time.

1.1.1.7 Audible.com

An audible.com service account can be scheduled to download new subscription issues and/or new books to your *WifiPlayer*.

To schedule an Audible account for the first time, follow these steps:

Step 1: From the **SoniqSync Setup – Scheduled Sync** menu, select the appropriate Audible account.

Step 2: Select "Yes" to setup the schedule.

Step 3: Select the actions you want to perform: Refresh Subscriptions and/or Refresh New Books.

Step 4: Select the time of day you want to sync to run.

Step 5: Save the schedule.

To modify an existing schedule for an audible account, follow these steps:

Step 1: From the **SoniqSync Setup – Scheduled Sync** menu, select the appropriate Audible account.

Step 2: Select "Yes" to modify the existing schedule.

Step 3: Modify the actions you want to perform.

Step 4: Select a new time of day.

Step 5: Save the schedule.

To disable a schedule for an audible account, follow these steps:

Step 1: From the **SoniqSync Setup – Scheduled Sync** menu, select the appropriate Audible account.

Step 2: Select "Yes" to modify the existing schedule.

Step 3: Select "Disable Schedule".

Step 4: Select "Yes" to disable the schedule.

Step 5: Save the schedule.

Player to Player and Wireless File Sharing

Your *WifiPlayer* is able to share its hard disk, and to browse remote shares on a Microsoft Windows compatible network.

Player to Player File Sharing

Player to player file sharing provides the ability for one player to receive files from another player. One player acts as the receiver, while the other player acts as the sender. The receiving player is responsible for establishing the ad-hoc network and for sharing its inbox folder on the network. The sending player connects to the ad-hoc network and sends files to the receiving player's inbox. When the receiving player disconnects it automatically processes the files within its inbox folder. Music files are automatically moved to the appropriate artist/album directory structure. Other files types are automatically moved to the *My Documents* directory structure.

From the receiving player:

Step 1: From the SoniqSync application select **Wireless File Sharing – Receive File(s)**.

Step 2: Select a share password. Shares are protected by a simple 4-digit pin number.

Step 3: Connect to an existing wireless network, or establish an ad-hoc network. Ah-hoc networks are established using the receiving player name.

Step 4: Setup the sending player and wait to receive the files.

Step 5: Press cancel when the sender is done. The receiving player will automatically scan for new files.

From the sending player:

Step 1: From the SoniqSync application select **Wireless File Sharing – Send File(s)**.

Step 2: Connect to the network where the receiving player has shared its inbox.

Step 3: Enter the 4-digit pin number to access the receiving player's inbox share.

Step 4: Select and send local files to the receiving player's inbox.

Step 5: Disconnect from the network when finished.

Sharing Your WifiPlayer Hard Disk on the Network

Sharing your *WifiPlayer* hard disk makes it available on the Microsoft Windows Network and is compatible with other computers that can access the Microsoft Windows Network (e.g., PC's running Windows, PC's running Linux with Samba, etc).

You can share your *WifiPlayer* hard disk read-only, or you can share it will full access. Full access allows other computers to both read from and write to your hard disk.

Follow these steps to share your *WifiPlayer* hard disk:

Step 1: From the SoniqSync application select **Wireless File Sharing – Share Hard Disk**.

Step 2: Select read-only access or full-access.

Step 3: Select the share password. Shares are protected by a simple 4-digit pin number.

Step 4: Connect to an existing wireless network, or establish an ad-hoc network. Ah-hoc networks are established using the receiving player name. Your player hard disk is now shared on the network.

Step 5: Press cancel to disconnect from the network. The player will automatically scan for new files.

Browsing Remote Shares from Your WifiPlayer

Your *WifiPlayer* can browse remote file shares from other computers on a Microsoft Windows Network. You can transfer files from your player to a remote share, or copy files from a remote share to your player hard disk.

Follow these steps to browse a remote file share:

Step 1: From the SoniqSync application select **Wireless File Sharing – Browse Remote Shares**.

Step 2: Connect to an existing wireless network. The player will scan for available domains and workgroups.

Step 3: Select a domain or workgroup from the list. The player will scan for available network devices (computers and other players) on the selected domain or workgroup.

Step 4: Select a device from the list. The player will scan for available folder shares on the device.

Step 5: Select a folder share from the list.

Step 6: Copy files to/from the selected folder share.

Managing Playlists on your WifiPlayer

A playlist is simply a named list of audio files, for example, "Rock Classics". Your *WifiPlayer* has a number of built-in features that allow you to create new playlists and manipulate existing playlists right from the player.

"My Favorites" Playlist

The "My Favorites" playlist is a special built-in playlist. A shortcut bar is available from the Audio Player application that allows you to quickly add (or remove) the currently playing song to (or from) your "My Favorites" list. Press the Up key until the *Favorite?* shortcut bar appears. Then use the Left/Right keys to select *Yes* (add to My Favorites) or *No* (remove from My Favorites).

Creating a New Playlist

Follow these steps to create a new playlist:

Step 1: From the main menu select **Edit Playlists – Create Playlist**.

Step 2: Enter the name for the new playlist using the on-screen keyboard. Highlight and select the Enter key when you are finished. This will bring you to the edit playlist screen.

Step 3: From the edit playlist screen, highlight and select the add symbol (+) to add songs to the playlist. You can add complete albums, artists and genres. You can also add individual tracks from albums, artists and genres.

Step 4: Backup to the edit playlist screen when you are done adding songs to the playlist.

Step 5: From the edit playlist screen you can review the songs in the playlist, delete individual songs from the playlist, and change the order of songs in the playlist.

Step 6: When you have the playlist just the way you want it, highlight and select the Save symbol from the edit playlist screen. The new playlist will be saved to disk.

The new playlist will now be listed in the **Select Playlist – Playlist** menu.

Modifying an Existing Playlist

Follow these steps to modify an existing playlist:

Step 1: From the main menu select **Edit Playlists – Modify Playlist**.

Step 2: Select a playlist to modify.

Step 3: Use the edit playlist screen to add new songs, delete existing songs, and re-order songs within the playlist.

Step 4: When you have the playlist just the way you want it, highlight and select the Save symbol from the edit playlist screen. The modified playlist will be saved to disk.

Deleting a Playlist

There are two options for deleting playlists:

1. Delete Playlist Only – this option only deletes the named playlist. The audio files pointed to by the playlist are not deleted from the disk.
2. Delete Playlist and Tracks – this option deletes the named playlist and all audio files pointed to by the playlist. This option is useful to free up disk space on your player

Follow these steps to delete a playlist:

Step 1: From the main menu select **Edit Playlists – Delete Playlist**.

Step 2: Select a playlist to delete.

Step 3: Select delete playlist option. The playlist, and optionally the audio files, will be deleted from your player's hard disk.

Bookmarks

A bookmark is used to remember your current position with a playlist and your current settings. Each bookmark is given a name and stores the following information:

- Playlist name. This can be one of your user defined playlists, an album, artist or genre.
- Currently playing track within the playlist.
- Current playback position within the track.
- Shuffle on/off setting
- Headphone volume setting
- FM transmitter volume setting
- FM transmit frequency
- Equalizer setting

New bookmarks can be created, existing bookmarks can be updated and restored, and bookmarks can be deleted.

Creating a Bookmark

Follow these steps to create a new bookmark:

Step 1: From the main menu select **Bookmarks – Create Bookmark**.

Step 2: Enter the name for the new bookmark using the on-screen keyboard. Highlight and select the Enter key when you are finished.

The bookmark will be saved to disk. Bookmark information is taken from the current state of the Audio Player application.

Updating and Restoring Bookmarks

Updating a bookmark re-saves the bookmark with the current state of the Audio Player application. Restoring a bookmark sets the state of the Audio Player application to the state saved within the bookmark. When you restore a bookmark, playback will be restored to the last saved state. You must manually update the bookmark to save the new state.

Follow these steps to update an existing bookmark:

Step 1: From the main menu select **Bookmarks – Update Bookmark**.

Step 2: Select the bookmark you wish to update from the list.

The bookmark will be updated and saved to disk.

To restore a bookmark, follow these steps:

Step 1: From the main menu select **Bookmarks – Restore Bookmark**.

Step 2: Select the bookmark you wish to restore.

The Audio Player application will be restored to the state of the bookmark.

Deleting Bookmarks

Follow these steps to delete an existing bookmark:

Step 1: From the main menu select **Bookmarks – Delete Bookmark**.

Step 2: Select the bookmark you wish to delete from the list.

The bookmark will be deleted. Note that deleting a bookmark does not change the state of the Audio Player application.

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Viewing Bookmarks

To view your bookmarks follow these steps:

Step 1: From the main menu select **Bookmarks – View Bookmarks**.

Step 2: Select a bookmark from the list.

Step 3: View the currently saved state of the bookmark.

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Player Preferences

This section is a reference for all the preference settings on your *WifiPlayer*.

From the main menu select the **Preferences** menu to access player preferences.

FM Transmitter

FM Transmitter settings are accessed from the **Preferences – FM Transmitter** menu.

Set Frequency	Used to adjust the FM transmit frequency and setup FM transmit frequency presets.
Volume	Used to set the FM transmit volume level.
Mode	Used to select between stereo/mono FM transmission.

Audio

Audio player settings are accessed from the **Preferences – Audio** menu.

| Shuffle | Used to turn shuffle on and off. |
| EQ Preset | Used to select an equalizer preset: Rock, Pop, Jazz, Classical, Dance, Heavy, Disco, Soft, 3D/Live, Hall, Speech, Custom and Off. |

EQ Adjust	Used to adjust an equalizer preset:	
	Bass Boost	On or off
	Bass	Increase/decrease bass level
	Treble	Increase/decrease treble level
	3D Stereo	Increase/decrease separation between left and right channels
	Bass Cutoff	Set cutoff frequency: low (130Hz) or high (200Hz)
	Treble Cutoff	Set cutoff frequency: low (4kHz) or high (8kHz)
	3D Lower Cutoff	Set lower cutoff frequency: low (200Hz) or high (500Hz)
	3D Upper Cutoff	Set upper cutoff frequency: low (1.5kHz) or high (2.2kHz)
	-6dB Attenuation	Reduce volume by 6dB

Shortcut Bars	Used to customize shortcut bars:	
	Volume	The "HP & FM" setting indicates there will be separate volume controls for line-out (headphones) and FM transmit volume. This setting is useful when using the dock accessory with line-out audio. The "HP Only" setting indicates there will only be one volume control. When headphones are plugged-in the volume will control line-out. When headphones are unplugged the volume will control FM transmit level.
	FM TX Frequency	Enable/disable the *FM TX Frequency* shortcut bar when headphones are unplugged.
	FM TX Mode	Enable/disable the *FM TX Mode* shortcut bar when headphones are unplugged.
	Audible Section	Enable/disable the *Section Navigation* shortcut bar when playing an Audible.com program.
	Favorites	Enable/disable the *My Favorites* shortcut bar.
	Shuffle	Enable/disable the *Shuffle* shortcut bar.
	Equalizer	Enable/disable the *Equalizer Preset* shortcut bar.

	Playlist	Enable/disable the *Playlist/Bookmark* shortcut bar.
	Help	Enable/disable the *Help* shortcut bar.

Display

Display settings are accessed from the **Preferences – Display** menu.

Contrast	Adjusts display contrast: 1 (low) to 30 (high).	
Menu Hold Time	Controls how long you need to press and hold the Play key before the main menu appears. Short means that a short press/hold brings up the main menu. Long means you have to press/hold for a longer time.	
Backlight (Battery)	Controls the backlight when operating on battery power:	
	Backlight Timeout	When enabled the backlight will turn off after the specified number

	Timeout After	of seconds (see below). When disabled, the backlight stays on. When backlight timeout is enabled, controls how long the backlight will stay on when no keys are pressed.
	Intensity	Backlight intensity: 0 (dim) to 15 (bright).
Backlight (Power)	Controls the backlight when operating on battery power:	
	Backlight Timeout	When enabled the backlight will turn off after the specified number of seconds (see below). When disabled, the backlight stays on.
	Timeout After	When backlight timeout is enabled, controls how long the backlight will stay on when no keys are pressed.
	Intensity	Backlight intensity: 0 (dim) to 15 (bright).
Dome Light	Controls activity lights in the dome:	
	Audio Activity Lights	When enabled, lights will flash when audio is playing.
	WiFi Activity Lights	When enabled, lights will flash when data is being transmitted and received on the wireless interface.

SoniqStart

SoniqStart settings are accessed from the **Preferences – SoniqStart** menu.

SoniqStart is a feature of your *WifiPlayer* that can automatically turn-on your player when your car starts, and turn-off your player when you turn-off your car. This feature requires the optional automotive 12V adapter accessory.

Detect Engine On	If enabled, the player will automatically come out of standby when it detects the engine is on.
Detect Engine Off	If enabled, the player will automatically go into standby when it detects the engine is off.

USB

USB settings are accessed from the **Preferences – USB** menu.

USB Auto Connect	This setting controls the default value for USB connect message box that appears when you plug-in the USB cable. If enabled, the USB message box will default to connect. When disabled, the USB message box will default to don't connect.
USB Connect Mode	This setting controls type of USB device the player will be when connected to your PC. The options are: MTP (audio device), or USB (hard disk with drive letter).

Support Tools

Support tools are accessed from the **Preferences – Support Tools** menu.

Reset Factory	Restores all preference settings to the original factory

Defaults	values.
Format Hard Disk	Reformats your hard disk. All contents will be lost. There are two options for format: 1. Quick Format – this option does a format at the file system level. It is faster than a full format. 2. Full Format – this option low-level (sector) format of the disk.

About

The About screen is accessed from the **Preferences – About** menu.

Name	Player name
Tracks	Number of tracks on your player
Capacity	Total disk capacity
Available	Free space available
Version	Firmware version
MAC	Player MAC address
Model	Player model name

Equalizer

Your *WifiPlayer* contains a high quality EQ to allow you to tailor the sound to your listening taste. There are a number of EQ presets available for the most common music genres. These particular settings have been tuned by the factory, but you can modify them to suite your own tastes.

Selecting an Equalizer Preset

EQ presets are available via the *Equalizer* shortcut bar from the Audio Player application. From the Audio Player application press the Up key until the *Equalizer* shortcut bar appears. Then use the Left/Right keys to select an EQ setting from the available presets. The EQ preset can also be selected from the **Preferences – Audio – EQ Preset** menu.

Adjusting the Equalizer

From the **Preferences – Audio – EQ Preset** menu item, select a preset. Then select the **EQ Adjust** menu to adjust the EQ settings for the selected preset.

Please refer to the **Audio** section of the **Player Preferences** chapter for more information on adjusting the EQ.

Using your WifiPlayer as a USB Hard Disk

Your *WifiPlayer* can operate in one of two modes over USB:

1. MTP Audio Device – compatible with Windows Media Player 10, and Windows Explorer.
2. USB Hard Disk – shows up as a drive letter on your computer.

Both of the above modes are support by the Microsoft Windows XP operating system. Other operating systems will only support the USB Hard Disk mode.

Using the USB Hard Disk mode you can use your *WifiPlayer* as a hard disk, to store and transfer data and music files.

To enable this mode, simply connect the USB cable to the USB port on your player and to your PC. When the player USB connect screen is displayed, choose the USB Hard Disk mode option.

To automatically enable USB Hard Disk mode when connecting the USB cable, use the **Preferences – USB – USB Connect Mode** menu and select USB as the default mode. Now, whenever you connect the USB cable, the player will connect as a USB hard disk.

Listening to Programs from Audible.com

Your *WifiPlayer* is able to play spoken word audio programs from Audible.com. You can use Windows Media Player 10, Windows Explorer or SoniqSync to transfer Audible files to your *WifiPlayer*.

Note: your *WifiPlayer* can play Audible.com formats 2 and 3. Formats 1 and 4 are not supported.

Audible.com Program Controls

Some of your *WifiPlayer* music controls operate differently when playing an Audible.com program. The following table lists the differences:

Skip to the next section in the program	Press the Right key
Skip to the previous section in the program	Press the Left key twice
Skip to the next program	Press Select to pause playback, then press the Right key
Skip to the previous program	Press Select to pause playback, then press the Left key
Start a program over	Press the Left key until the first section starts playing

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Section Navigation

Most Audible.com programs are divided into sections. You can use the *Section Navigation* shortcut bar to start playing at a particular section. From the Audio Player application, press the Up key until the *Section Navigation* shortcut bar appears. Then use the Left/Right keys to pick a section. Press the Select key to start playing the section.

Automatic Bookmarking

Your *WifiPlayer* automatically remembers your position within an Audible.com program. However, if you are listening to a multi-part book, the player does not automatically remember which part you were last playing. Use the bookmarking feature in this case. See the chapter on "Bookmarks" for more details.

Appendix A: Configuring a Laptop for Ad-Hoc Networking

This procedure assumes you are using Windows XP Professional.

For additional information on configuring your laptop for an ad-hoc connection, select **Start – Help and Support – Networking and the Web – Networking – Wireless networking – 802.1x wireless networking – Set up automatic wireless network configuration** or use the search utility to find **Set up automatic wireless network configuration**.

Step 1: From your laptop, select **Start – Settings – Network Connections**.

Step 2: Right-click **Wireless Network Connection**, and select **Properties**.

Step 3: Click the Wireless Networks tab. Note that the **Use Windows to Configure my wireless network settings** must be selected.

Step 4: Click the **Add** button in the **Preferred networks** panel.

Step 5: Supply an SSID (user-defined) in the **Network name** (SSID) field.

Step 6: Set **Network Authentication** to **Open**.

Step 7: Set Data encryption to one of the following options:
- WEP – Indicates a network key is used to encrypt your data while it is transmitted over the network.
- WPA/PSK – Indicates a network key is used to encrypt your data while it is transmitted over the network. More secure than WEP
- Disabled – Indicates your data is not encrypted while it is transmitted over the network.

Step 8: Select **This is a computer-to-computer (ad hoc) network; wireless access points are not used**.

Step 9: Click **OK** to exit the ***Wireless network properties*** dialog and save your changes. Note that the newly added ad-hoc network must be the top-most ad-hoc network in the ***Preferred networks*** panel.

Configuring the Laptop to use the new Ad-Hoc Network

Step 1: Click the ***Advanced*** button on the ***Wireless Network Connection Properties*** dialog.

Step 2: Select ***Computer-to-computer (ad hoc) networks only***.

Step 3: Click **Close** to exit the **Advanced** dialog.

Step 4: Click **OK** to exit the **Wireless Network Connections Properties** dialog and save your changes.

Appendix B – Technical Specifications

Platform Specifications:

File Support

Playback Formats
- MP3 (at 8,16,22.05,24,32,44.1 and 48 kHz)
- MP3 VBA
- WMA (at 16, 22.05, 24, 32, 44.1, and 48 kHz)

Software

Operating System
- WinCe.Net 5.0

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Hardware Specification:

Size	• 2.60 in (W) x 4.20 in (H) x 0.75 in (D) or 107 mm x 106 mm x 19 mm
Weight	• 6.2 oz or 176 gms
Memory	• 32 MB SDRAM buffer
Capacity	• 20 GB hard drive
WiFi Interface	• Automatic rate scaling: 1, 2, 5.5, 11 Mbps
Communication Interfaces	• USB 2.0 High Speed • 802.11B
Battery type	• Lithium-ion Polymer battery (non-removable)

Battery Life   Up to 10 hours of continuous playback from a fully charged battery. Based on continuous playback of tracks encoded at 128 kbps. Playback time may be reduced by:
- playing tracks encoded at bit-rates greater than 128Kbps
- playing WMA music files
- transmitting music
- long LCD backlight timeout setting
- wireless sync or transfer process

Battery Charging   • About 5 hours

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FM Receiver
- Frequency Band: 87.9 – 107.9 MHz, digital tuned
- Modulation: FM Stereo
- Distortion: 0.5%
- Frequency Response: 50 – 15,000 Hz (+/- 3 dB)
- Stereo Separation: 30 dB
- Scan, Seek

Headphone Output
- Rated Impedance: 32 ohms
- Power Output: 45 mW
- Frequency Response: 20 – 20,000 Hz (+/- 3 dB)
- THD: -75 dB

Analog Line Output
- Rated Impedance: 10 Kohms
- Frequency Response: 20 – 20,000 Hz (+/- 3 dB)
- THD: -75 dB

Digital Output
- SPDIF
- Coax interface in docking station accessory

FM Transmitter
- Frequency Band: 88.1 – 107.9 MHz, digital tuned
- Modulation: FM Stereo
- Transmit Power: FCC Part 15 limited
- Range: Up to 30 ft
- Frequency Response: 30 – 15,000 Hz
- Stereo Separation: > 35 dB
- Signal Distortion: 0.6 %
- Automatic Free Band Scan

Appendix C – License Agreement

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