




terraplayer™

The World's music at your fingertips™



TerraPlayer TR-100
(Table Radio)



TerraPlayer CR-100
(Component Radio)

The TerraPlayer™

User Guide

Revision A.4



DRAFT



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within the unit.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

Important Safety Instructions:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. Unplug this apparatus during lightning storms or when unused for long periods of time.
12. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

COMPLIANCE STATEMENT (Part 15.19)

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

A label is located on the underside of the unit containing the FCC registration number.

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.

WARNING (Part 15.21)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure (OET Bulletin 65)

To comply with FCC RF exposure requirements for mobile transmitting devices, this transmitter should only be used or installed at locations where there is at least 20 cm separation distance between the antenna and all persons.

Minimum Separation Distance

The BT-100 (Base Transceiver) must be located with a minimum separation of 20 cm from all other radio transmitter/transmitter receivers.

Industry Canada Statement

The term "IC" before the certification/registration number only signifies that the Industry Canada technical specifications were met.

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User Guide

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Notes

Chapter 1:

Introducing the TerraPlayer

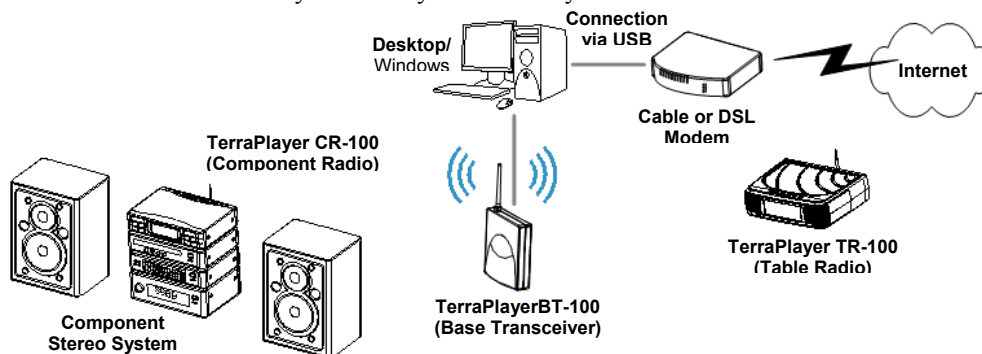
Thanks and Welcome!

Thank you for purchasing your TerraPlayer, and welcome to the world of digital audio. Your TerraPlayer will help pull your digital audio files from your PC and into your life – and in full color.

The TerraPlayer User Guide is intended to help you get the most out of your TerraPlayer. Here, you will find information on setting up the hardware, using the TerraTouch OS on the touchscreen, and using the TerraPlayer Utility Suite on your PC.

Introducing the TerraPlayer

The TerraPlayer is a wireless, network-connected Digital Audio Jukebox™ with a full-color, graphic interface that provides easy access to your digital music collection. It frees you to listen to digital audio anywhere in and around your home. A wireless link streams audio files from your PC to your TerraPlayer located within a wide transmission range.



There are two components to the system: a TerraPlayer Radio and a Base Transceiver. The TerraPlayer BT-100 (Base Transceiver) connects to either a PC (via USB connection) or a group of PCs on a LAN (via an Ethernet connection). It transmits music from the PC to a TerraPlayer Radio.

There are two versions of the TerraPlayer Radio. The TR-100 (Table Radio) has built-in stereo speakers, amplifier, and an AM/FM radio for stand-alone use. The CR-100 (Component Radio) is for component stereo system to a PC.

☞ Refer to **Chapter 2: Hardware and Connections** on page 20 for more information.

The TerraTouch OS™

The touchscreen runs the TerraTouch OS—an operating system which uses album covers as icons to place The World's music at your fingertips™.

☞ Refer to **Chapter 3: The TerraTouch OS™** on page 26.



TerraPlayer Utility Suite

In addition to the Configuration Wizard, the TerraPlayer Utility Suite gives you other applications to enhance your enjoyment of the system, including: the WebServer, Ripper, Librarian, Playlist, and MusicInfo Utilities.

☞ Refer to **Chapter 4:**
The TerraPlayer Utility Suite on page 60 for more information.

Features and Benefits

Features	Benefits
Simple set up	No need to be “network literate”. The Base Transceiver and TerraPlayer Radio are plug-and-play.
The TerraTouch OS	Vibrant album icons place your music <i>at the touch of a finger</i> – like using a jukebox. Other features, such as a five-band graphic equalizer, at your fingertips.
Wireless transmission	Audio is transmitted from the computer to the Radio via a digital wireless signal. The Base Transceiver has a wide transmission range of up to 500’, and travels through walls. Minimal interference from electronic appliances.
Compatibility	The CR-100 lets you enjoy your digital audio through virtually any component stereo system.
Custom icons	The TerraPlayer Utility Suite includes software which allows you to create custom TerraTouch icons for your favorite artists, albums, radio stations, or playlists.
Playlists	The TerraPlayer Utility Suite allows you to create playlists, so you can set up in advance exactly what you want to hear.
Easy CD ripping	The TerraPlayer Utility Suite includes Ripper—a program that converts a standard audio CD into digital audio files stored on your PC.
Automatic Music Information	Both Ripper and MusicInfo, programs in the TerraPlayer Utility Suite, automatically identify and fill out title, track, and artist information from an online data source.
Automatic Album Icons	When converting a CD, Ripper also automatically creates album icons by downloading cover art from another online data source.
Auto search	The TerraPlayer periodically searches the PC or network for newly added audio files.
Rich, high-fidelity sound	World-class audio engineering. The CR-100 sounds great through almost any component stereo, and has a Toslink connector for a high-performance, optical sound system. The TR-100 has an internal 6” full-range speaker, two 2” stereo (L/R) tweeter elements, and an amplifier to fill the room with warm, high-fidelity audio.
AM/FM tuner	The TerraPlayer TR-100 also has a built-in AM/FM radio that can be accessed using the touchscreen.
Easy to use	The touchscreen runs an easy-to-use operating system—the TerraTouch OS.

Requirements

Connectivity

- USB or Ethernet

Compatibility

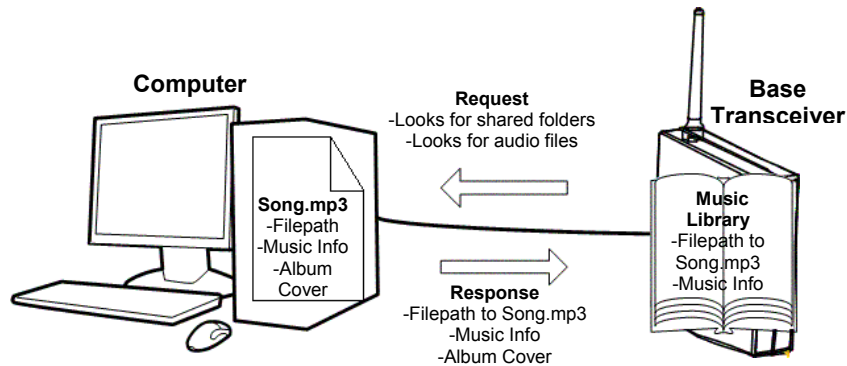
- Windows™ 98 SE, 2000, NT, or XP
- Linux, UNIX, or Mac OS/10
(with Windows SMB or Samba and network connection)

Windows and TerraPlayer Utility Suite

- PC minimum requirements:
 - 500 MHz or higher processor
 - Windows™ 98 SE, 2000, NT, or XP
 - USB support
 - 128 MB RAM
 - 52 MB free space on hard drive, in addition to memory for audio files
(typical per 5,000 albums)

How it Works

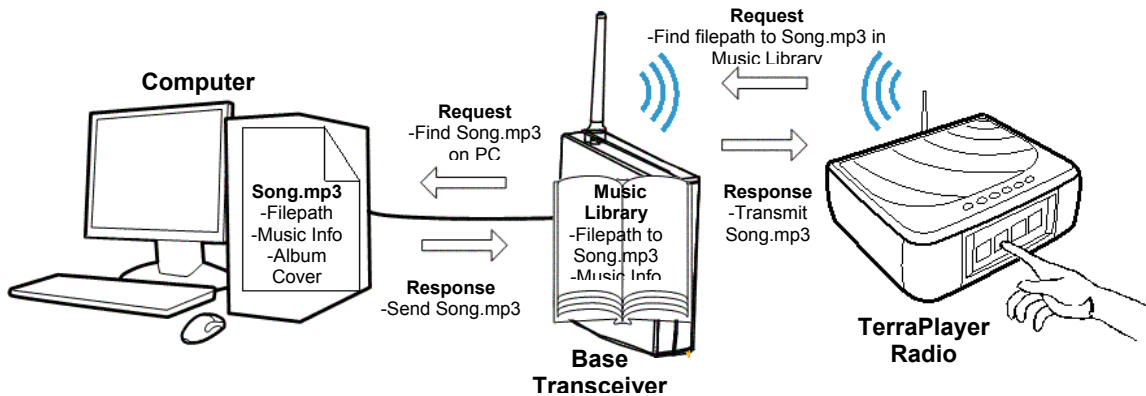
The TerraPlayer system comes packaged with two units—a TerraPlayer Radio (TR-100 or CR-100) and a Base Transceiver (BT-100). The Base Transceiver, or Base, connects to a single computer (via USB) or network of computers (via Ethernet). When powered up, it checks all connected computers for available shared folders. If it finds digital audio files in a shared folder, it stores the Music Information (ID3 tag, metadata), album cover, and exact location (filepath) of each one. All of this information, but not the digital audio files themselves, are stored in the Music Library on the Base Transceiver.



When a TerraPlayer Radio is powered up, it checks to see if it can communicate with the Base. A TerraPlayer Radio and Base Transceiver must register/join to communicate with each other. For packaged Base/Radio sets, this is done at the factory. This should be done manually for TerraPlayer Radios purchased separately. You can also do this to re-establish the wireless link when it goes down.

☞ Refer to **Register/Join the TerraPlayer Radio and Base Transceiver** on page **Error!** *Bookmark not defined.*

Once they connect, the TerraPlayer Radio asks the Base for a download of the Music Library. The Music Library is copied to internal memory on the TerraPlayer, where it is displayed on the Radio's touchscreen display. The TerraPlayer Radio uses the album cover as an icon representing the audio file(s). The information is presented in various ways to make it easy to locate and select music by Genre, Artist, Album, or Song Title.



The actual audio files stay on your computer(s). The only time music moves from your computer to the TerraPlayer is when the Base Transceiver transmits audio files from the computer to the Radio during playback.



In order for the TerraPlayer to work, the computer(s) must be on. That way, the Base Transceiver can find the digital audio files on the hard drive in order to transmit them to the TerraPlayer Radio.

Helpful Hint

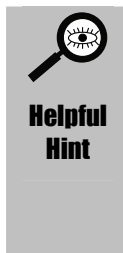
The TerraPlayer and the Internet

It is highly recommended that you have an Internet connection available to the Base Transceiver—either through the computer to which it is connected, or over the network. Several programs in the TerraPlayer Utility Suite utilize an Internet connection to download Music Information and album cover icons from the web to ensure you have album cover icons for all available albums.

The **Buy Now** feature also requires an Internet connection. Once you've marked an album with Buy Now using the remote control, then double checked which albums you'd like to purchase through the Utility Suite's Librarian, the system will add those items over the Internet to your shopping cart at Amazon for you to purchase the next time you visit the site.

Shared Music Folders

Any folders containing audio files must be set up as shared folders to be accessed by a TerraPlayer. When you install the TerraPlayer Utility Suite, the installation program automatically runs the Configuration Wizard to search for folders containing audio files and configure them as shared directories. Folders can also be manually configured as shared.



Use the Find Music feature on the TerraPlayer Utility Suite Installation CD-ROM to create shared folders. If you are running one of the compatible Windows operating systems and want to create shared folders *without* installing the TerraPlayer Utility Suite, you can run the **Find Music** feature directly off the TerraPlayer Utility Suite Installation CD-ROM to automatically create shared folders.

☞ Refer to **Find Audio Files and Create Shared Folders** on page 74 for information on using the Configuration Wizard from the TerraPlayer Utility Suite CD-ROM.

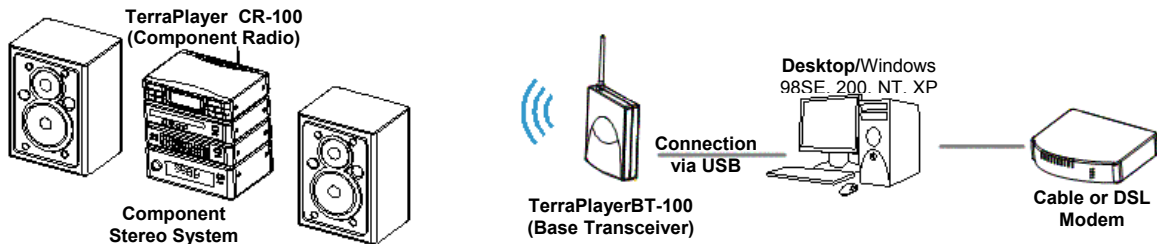
Example – Setting up Shared Folders in Windows 2000

In Windows 2000, you would select the existing folder containing the music files to be shared, such as the 'My Tunes' folder shown here. Then, right-click on the folder and select **Sharing...** The Properties windows will open on the Sharing tab, where you can select **Share this Folder** to configure it for file sharing. This setup may vary between Windows versions.



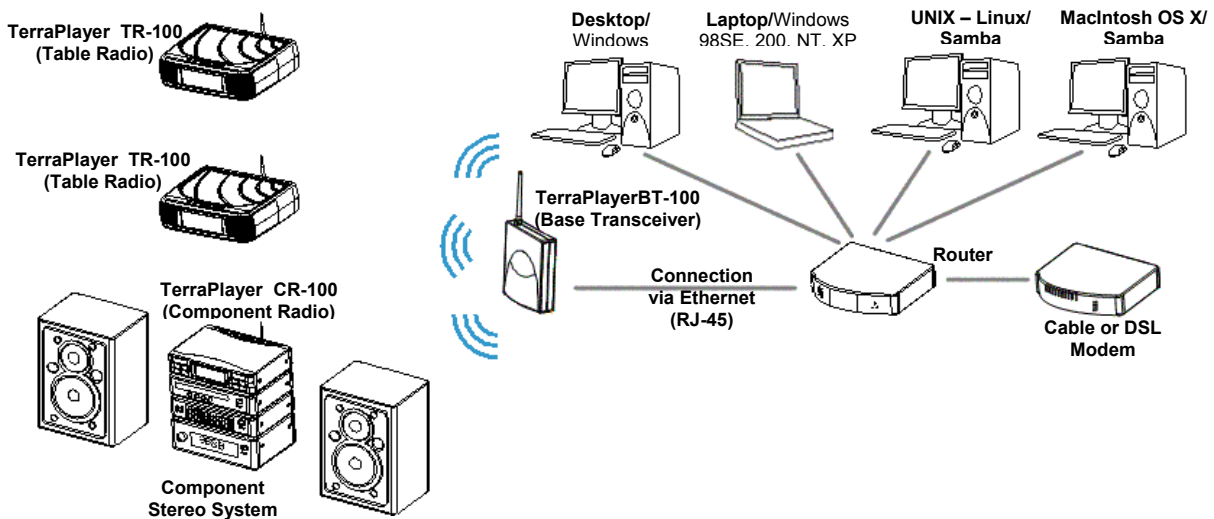
Connected to a Single PC via USB

The Base Transceiver has a USB port for connecting to a single PC. When connected via USB, the PC will need to have the proper USB drivers installed. These drivers can be installed from *The TerraPlayer Utility Suite Installation CD-ROM*. When you run the installation program, it detects a Base Transceiver connected to the USB port and automatically starts to install the USB drivers. Or, they can be installed separately using the Install USB Drivers option.



Connected to a Network via Ethernet

The Base Transceiver has an RJ-45 port for connecting to an Ethernet Local Area Network (LAN). When connected to a LAN, the Base Transceiver will search each machine on the network for shared folders containing audio files. These files will be available to and accessible by any registered TerraPlayer Radio within transmission range.



In a network, any computer may host audio files through file sharing. A Windows-based PC may be set up for audio sharing through the TerraPlayer Utility Suite, or manually through the Windows operating system.

☞ Refer to *Shared Music Folders* on page 15 for more information.

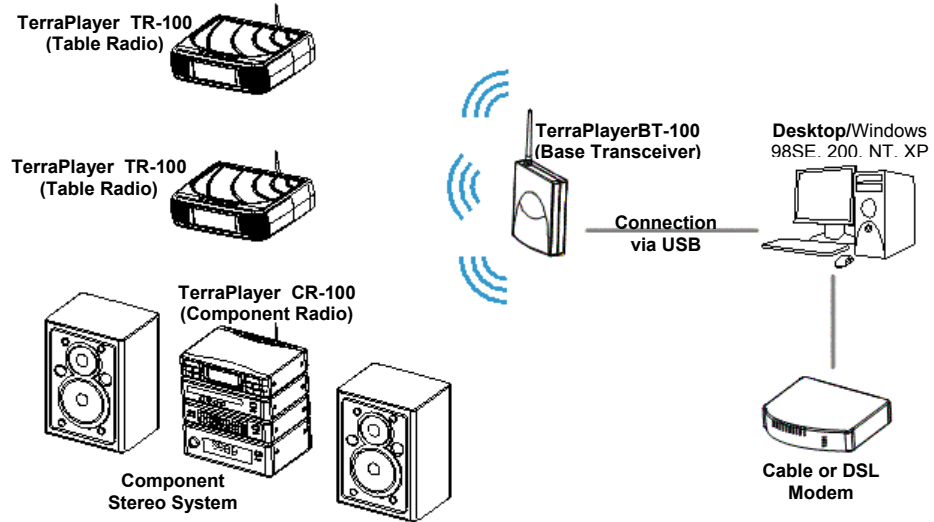
Non-Windows Platforms in a Network

Computers with compatible file systems may be used for hosting audio files to a TerraPlayer, but must be compatible with Microsoft Windows Networking using the Server Message Block (SMB) protocol over TCP/IP. The directory and all audio files within that directory must then have file permissions set up to allow network access.

☞ Refer to *Requirements* on page 12 for more information on compatible platforms.

Multiple TerraPlayer Radios

One Base Transceiver can transmit up to three separate, concurrent audio streams to feed up to three different TerraPlayer Radios. The Base Transceiver becomes the center of an RF (Radio Frequency) Network, with a wireless link to communicate with all Radios.



When you add another Radio to the system, you must register it with the Base Transceiver as follows.

- ☞ Refer to **Register/Join the TerraPlayer Radio and Base Transceiver** on page **Error!** **Bookmark not defined.** for more information.

Register/Join the TerraPlayer Radio and Base Transceiver

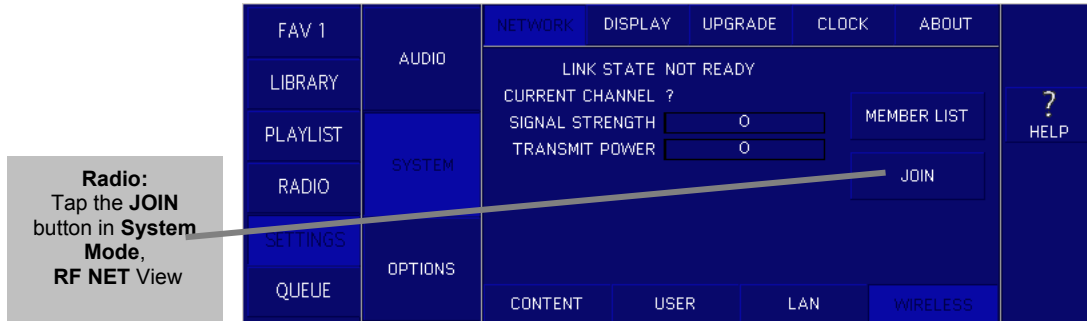
When you update the firmware in the Base Transceiver or TerraPlayer Radio, or if you add an additional Radio to a Base, you must reconnect the RF Link as follows:

1. Set up the TerraPlayer Radio and JOIN the RF Network

After you set up the TerraPlayer Radio, power it up and press the following buttons:

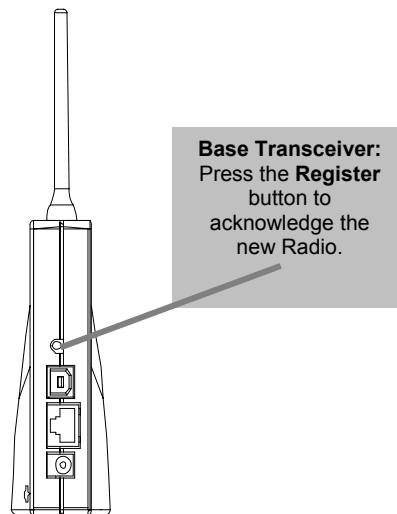
SETTINGS ► SYSTEM ► NETWORK ► WIRELESS

The TerraTouch OS will display information about the current status of the wireless RF link:



2. Register the new TerraPlayer Radio on the Base Transceiver

Once the Radio has joined the RF Network press the **Register** button on the Base Transceiver for it to acknowledge the new TerraPlayer Radio. The **JOIN** and **Register** buttons must be pressed within 30 seconds of each other, or they timeout.



Acknowledgements

The TerraPlayer Utility Suite, when used with an internet connection, utilizes the following online data sources to enhance your digital audio experience.

- ☞ Refer to **Chapter 4:**
The TerraPlayer Utility Suite on page 60 for more information.

Powered by Gracenote™



Music recognition technology and related data are provided by Gracenote and the Gracenote CDDB® Music Recognition Service™. Gracenote is the industry standard in music recognition technology and related content delivery. For more information, visit www.gracenote.com.

LoudEye™



Album cover art is provided by Loudeye. TerraDigital is a licensee of Loudeye's Music Samples Service. Loudeye is a global leader in Webcasting and digital media solutions used by the world's leading corporations for training, sales and marketing, corporate communications, events/conferences and media/entertainment. For more information, please visit their website (www.loudeye.com).

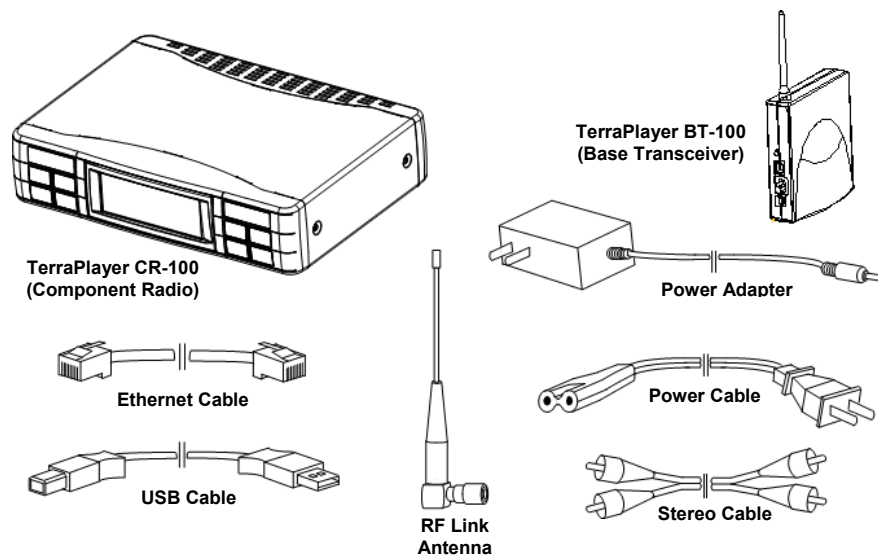
Chapter 2:

Hardware and Connections

Depending on the version of the TerraPlayer Radio, the standard TerraPlayer system comes packaged with different hardware.

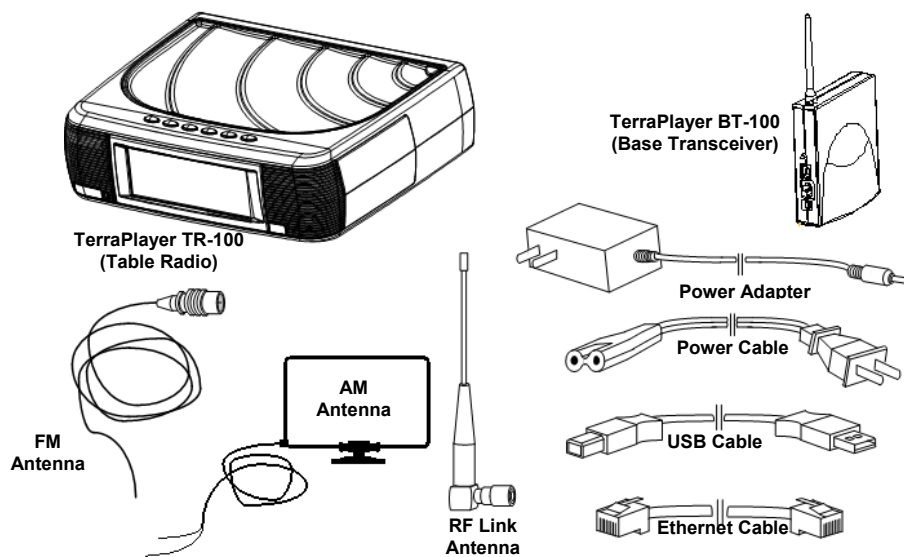
TerraPlayer CR-100

The standard CR-100 system comes packaged with the following:



TerraPlayer TR-100

The standard TR-100 system comes packaged with the following:

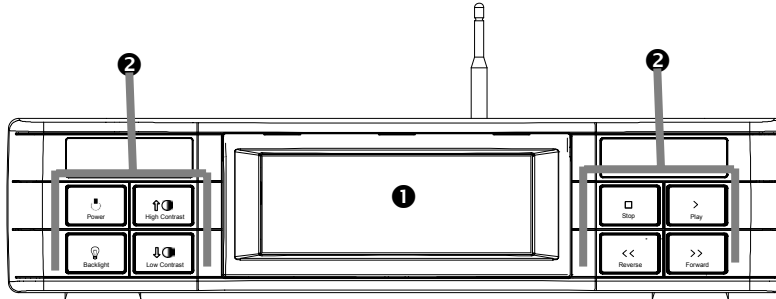


TerraPlayer Radios

TerraPlayer CR-100 (Component Radio)

The CR-100 is a 17"-wide model, for connecting to a component stereo system.

Front Panel



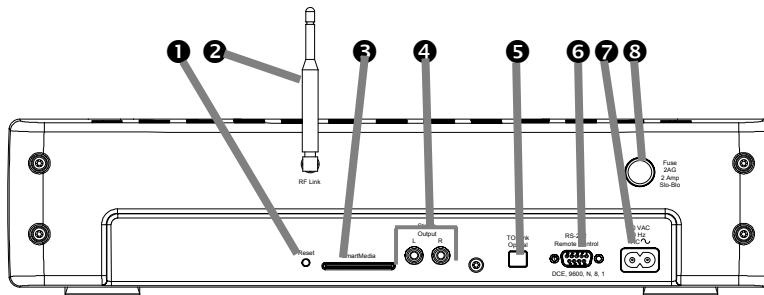
- 1 **Touchscreen.** Swivels out when you press the bottom, locks in place when you press back.

Important!
Cleaning the touchscreen. Use a dry, lint-free cloth to clean the touchscreen. Do not use liquids, soaps, or solvents, as they may damage the unit.

- 2 **Control buttons.**

Power	Backlight	High Contrast	Low Contrast	Stop	Play	Reverse	Fast Forward

Rear Panel

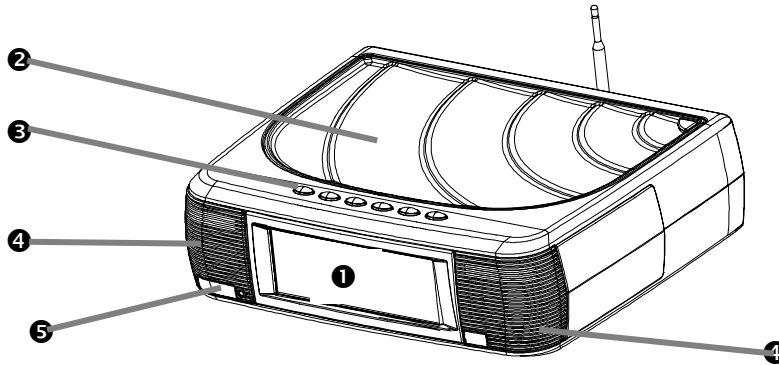


- 1 **Reset.** Restores default settings.
- 2 **RF Link Antenna.** Exchanges wireless signals with Base.
- 3 **SmartMedia.** Uses a SmartMedia card (128 MB) for memory expansion.
- 4 **Stereo Output L/R.** Connect a component stereo receiver (stereo RCA cables).
- 5 **Toslink Optical.** Connects a high-fidelity, optical audio system. Supports S/PDIF.
- 6 **RS-232 Remote Control.** Connects to a personal computer.
- 7 **AC.** Connects a 2 AG, 500 mA, Slo-Blo, 250 V fuse.
- 8 **Fuse.** Uses an AG, 2 Amp, Slo-Blo fuse.

TerraPlayer TR-100 (Table Radio)

The TR-100 is a stand-alone, table-top model. It features one 6" full-range speaker and two 2" stereo Left/Right tweeters, and has a built-in AM/FM radio tuner.

Front Panel



- ❶ **Touchscreen.** Swivels out when you press the bottom, locks in place when you press back.

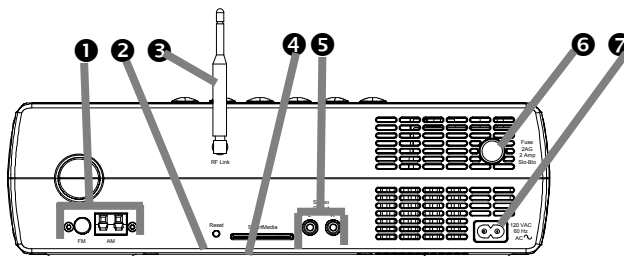
Important!
Cleaning the touchscreen. Use a dry, lint-free cloth to clean the touchscreen. Do not use liquids, soaps, or solvents, as they may damage the unit.

- ❷ **6" Woofer.**
- ❸ **Control buttons.**



- ❹ **Left/Right Stereo 2" Tweeters.**
- ❺ **Headphone jack.** For connecting stereo headphones with 1/8" plug.

Rear Panel

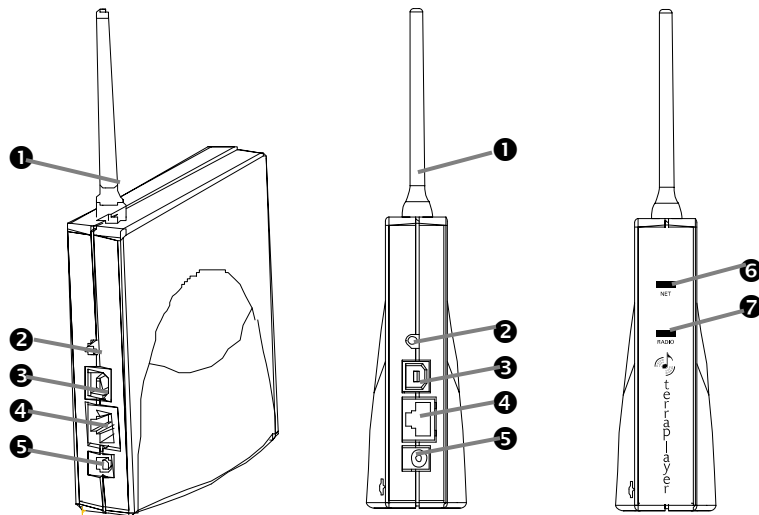


- ❶ **AM/FM Antenna ports.** Connect antennae for the internal AM/FM radio.
- ❷ **Reset.** Restores default settings.
- ❸ **RF Link Antenna.** Exchanges wireless signals with Base.
- ❹ **SmartMedia.** Uses a SmartMedia card (128 MB) for memory expansion.
- ❺ **Stereo Output L/R.** Connect a component stereo receiver (stereo RCA cables).
- ❻ **Fuse.** Uses a 2 AG, 2 Amp, Slo-Blo, 250 V fuse.
- ❼ **AC connector.** Connects a 120 VAC, 60Hz power source.

Base Transceiver

TerraPlayer BT-100 (Base Transceiver)

The TerraPlayer BT-100 (Base Transceiver) connects to the PC and transmits digital audio to the TerraPlayer. It functions in the 900 MHz frequency band, allowing for a transmission range of up to 500' (typical), and is able to penetrate walls and typical household obstacles. It has six half-duplex RF channels.



- ❶ **RF Link Antenna.** Exchanges wireless signals with the TerraPlayer Radio.
- ❷ **Register.** Registers TerraPlayer Radios.
- ❸ **USB.** Connects to a personal computer.
- ❹ **Ethernet.** Connects an Ethernet router (RJ-45 cable).
- ❺ **AC.** Connects to the external AC adapter.
- ❻ **NET.** Indicates status of the connection between the Base Transceiver and computer(s).
 - On = online
 - Off = offline
- ❼ **RADIO.** Indicates status of the wireless RF link connection between the Base Transceiver and the TerraPlayer Radio.
 - On = online
 - Off = offline
 - Blinking = transmitting/receiving data, registering TerraPlayer Radio

Accessory

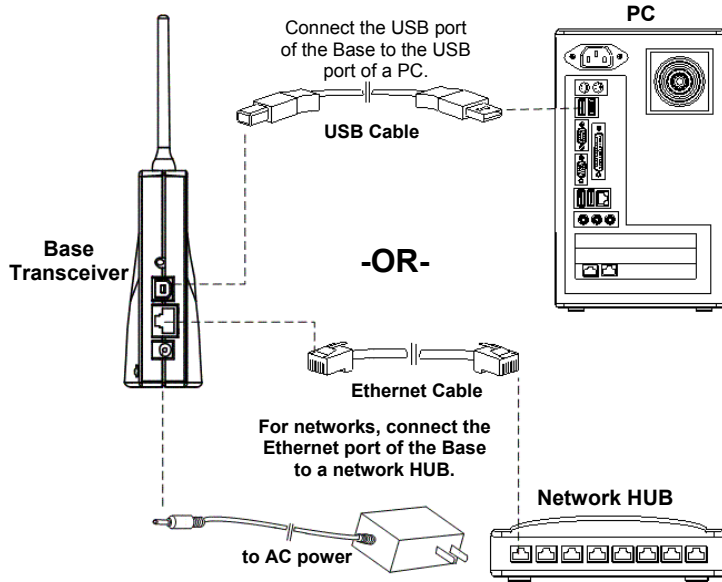
TerraPlayer Remote Control



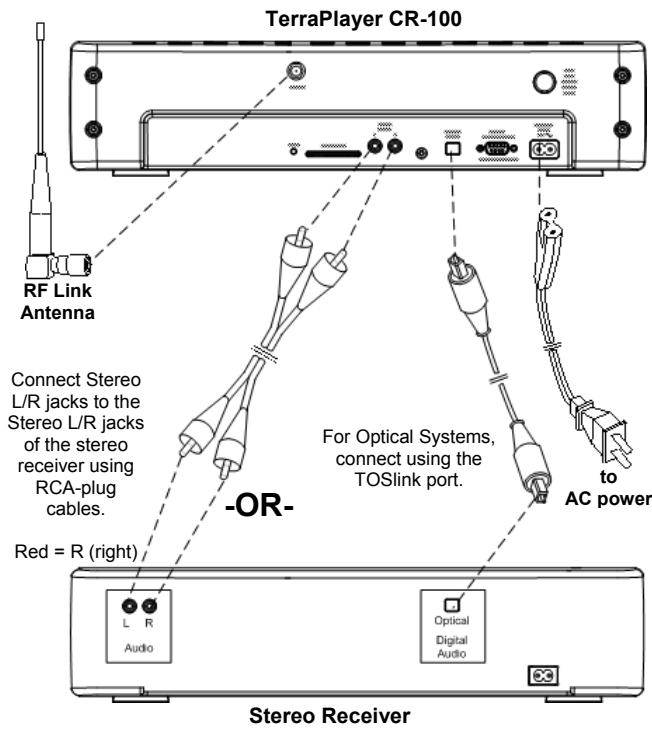
	HELP. Access the Help screens in the TerraTouch OS.
	Power. Power on the TerraPlayer.
	SLEEP. Sleep mode. <i>Refer to Sleep on page 57.</i>
	INFO. Brings up the Music Information screen on the current selection in Queue. <i>Refer to Double-tap for Music Information on page 28.</i>
	MUTE. Mute the audio.
	REW. Press to skip to last track.
	PLAY/PAUSE. Press once to play, again to pause.
	FWD. Press to skip to next track.
	REPEAT. Press to repeat current track.
	STOP. Stop playing.
	VOL +/-. Raise or lower volume.
	SHUFFLE. Activates Shuffle play for everything in QUEUE.
	CANCEL. Cancels out of Info.
	FLAG FAV. Flags a track on the PC for the Favorites list.
	BROKEN. Flags a track on the PC if the file is broken. Track gets sent back to Utility Suite so can know if you want to re-rip the track.
	FLAG. Flags a track.
	Popularity. Dislike/Like buttons. <i>Refer to Popularity on page 58.</i>
	fav. Activates Favorites mode. Each subsequent press scrolls through FAV 1-6.
	L/R. Scroll Left and Right through the Favorites or Queue list.
	queue. Activate Queue mode

Connections

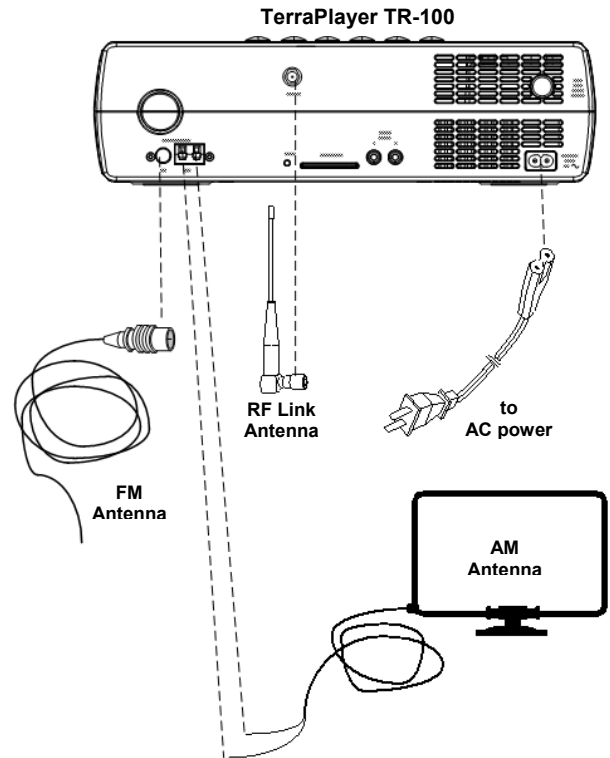
Connect the Base Transceiver to PC or Network



Connect TerraPlayer CR-100 to Stereo Receiver



Connect TerraPlayer TR-100 to AM/FM Antennae



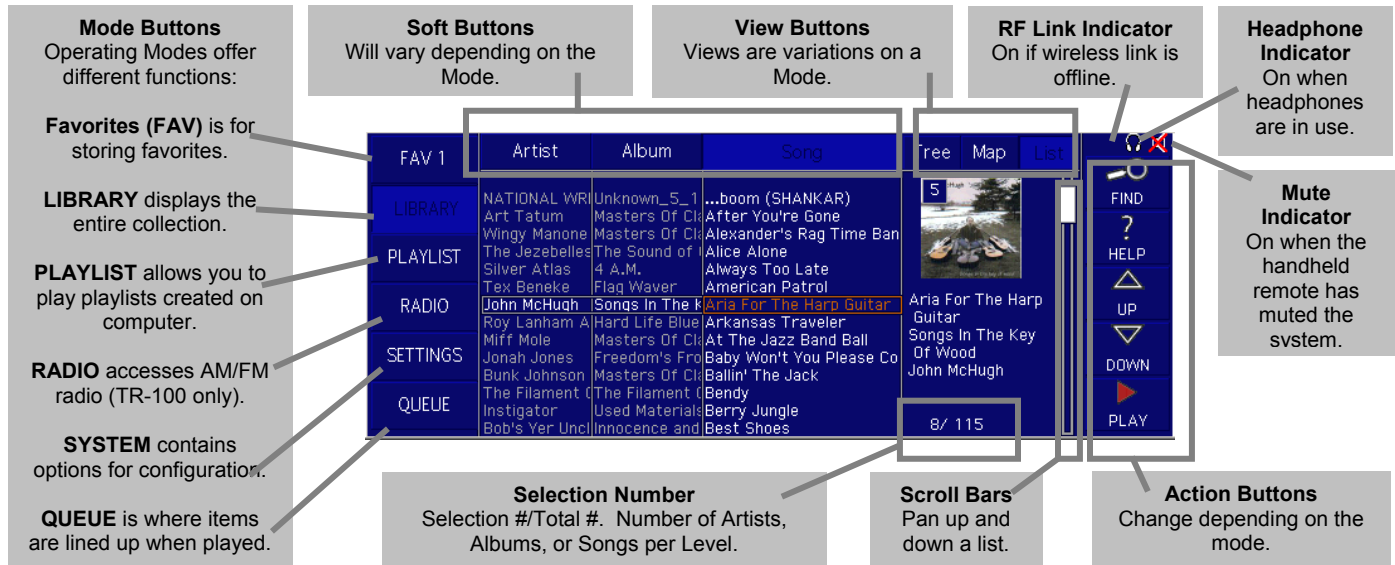
Chapter 3:

The TerraTouch OS™

Introducing the TerraTouch OS

The TerraTouch OS utilizes a full-color touchscreen using album cover art as icons to place graphic functionality at your fingertips. Searching through your digital audio collection is now like searching through CDs, vinyl albums, or through songs on a jukebox.

The introductory material in this section applies to the rest of this chapter. The main controls of the TerraTouch OS break down into the following:



Modes and Views

Modes offer different functions. **Favorites Mode** stores your favorite selections from **LIBRARY** or **RADIO**. **Library Mode** displays all of your digital audio collection in the Music Library. **Radio Mode** plays AM/FM radio (TR-100 only). **System Mode** controls the TerraPlayer setup. And **Queue Mode** is where selections are played. They are accessed using the Mode buttons.

Views are different variations on a Mode. Individual Views are described throughout this chapter. They are accessed using the View buttons.

Action and Soft Buttons

Action buttons will vary a little in different Modes. **PLAY** and **HELP** are always there. The **PLAY** button will play a selection, and the **HELP** button will bring up the TerraTouch OS Help system.

The **Soft** buttons will change according to Mode and View. Functions for these buttons are described under the Modes and Views where they appear.

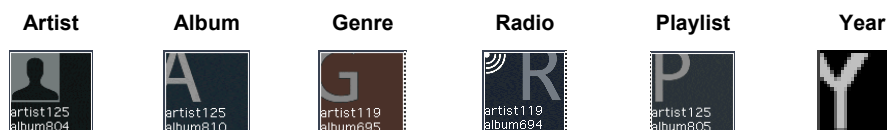
Indicators

The **RF Link** indicator appears when the wireless connection between the TerraPlayer Radio and Base Transceiver is offline. The **Headphone** indicator appears only when headphones are plugged in (TR-100 only). The **Mute** indicator appears only when the **MUTE** button on the remote has been pressed.

Icons and Music

The TerraTouch OS uses album cover art as icons representing the albums and songs in your collection. But, everything else is also represented by icons: Genres, Artists, Radio stations, Playlists, and Years – and each one of these can be selected and played.

There are default icons:



Custom Icons

The TerraTouch OS can also display icons of your own creation. Simply use a graphics program to create an icon, then use the TerraPlayer Utility Suite's Librarian program in order to attach that icon to the artist, genre, playlist, etc. that you want.

☞ Refer to *Create a custom icon* on page 73 for more information.

Touch and Hold, Drag and Drop

You are probably already familiar with the term “drag and drop”—“touch and hold” is similar. In the TerraTouch OS, you can select an album by touching and holding the album icon. After a moment a duplicate of the icon appears under your finger, which you can then drag and drop to various places on the touchscreen. So with the TerraPlayer, you always touch and hold before dragging and dropping.

The example below shows how you can play a song. First you would find the song in either **LIBRARY** or **Favorites Mode**. Touch and hold the icon, then drag and drop it on the **PLAY** button.



Tap and Double-Tap

Tap and double-tap are the touchscreen equivalent of using a mouse on a PC. These concepts are used throughout the TerraTouch OS.

- **Tap.** To select something or use a button, tap on it once with your finger. This is just like point-and-click with a mouse.
- **Double-tap.** To select and open something, double-tap on it: tap twice with your finger. This is just like double-clicking with a mouse.

Double-tap for Music Information

You can see Music Information on any selection in the Music Library by double-tapping on the icon. For instance, if you double-tap on a genre or artist icon, the touchscreen will display a Music Information screen listing all tracks of that genre or artist:



Album Music Information and Buy Now

When you double-tap on an album icon, a Music Information screen will display all the tracks on the album.

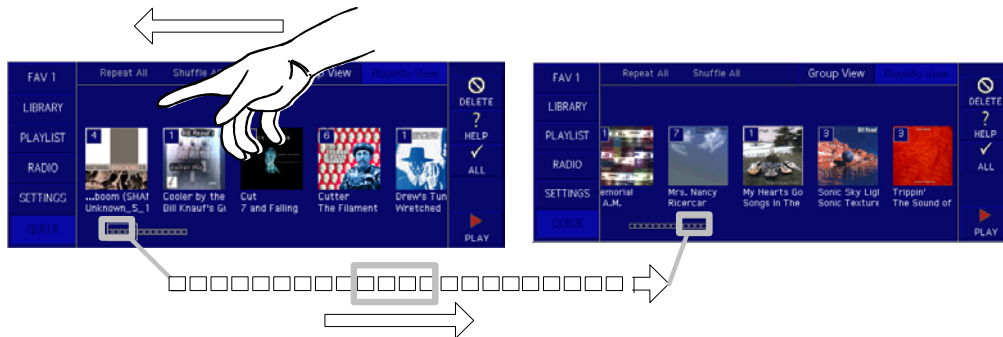
In addition, there is the **Buy Now** feature. If you enjoy a song or album and would like to buy the CD, tap the **Buy Now** button to add the album to a list of music you want to purchase. This list is stored in the Music Library and can be accessed through the TerraPlayer Utility Suite's Librarian.



☞ Refer to *Buy CDs Now* on page 78 for more information.

Throwing a Strip or the Tuner

On a screen with a strip of icons, such as Queue, or the AM/FM tuner (TR-100 only), you can 'throw' the screen. For example, you are in Queue Mode, but want to see what it towards the end. You can drag and release quickly to 'throw' the Map. When you 'throw' the strip, Map, or tuner, it will continue to scroll after your finger has released the touchscreen, then slow to a stop further down the strip.



Library Mode

When you first power on the TerraPlayer Radio, Library Mode will be the first thing you see—it's the first place to find music. It is where you can look through your entire music collection. From **Library Mode**, you can add selections to **FAV** or **QUEUE**.

Library Mode can be used in one of several different Views, and each view is broken down into Levels:



Library Views

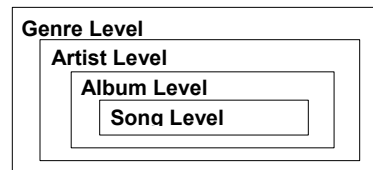
The Library can be viewed in one of four Views: **Tree**, **Icon**, **Map**, or **List**. Each View buttons is a different layout of your music collection. Pick one according to your tastes:

- **Tree View.** A text display showing only selections at the current level. Large text makes Tree View easier to read. The only icon displayed is for the current selection.
- **Icon View.** A graphic display showing icons for all selections at the current level. Space between each icon makes Icon View easier to read.
- **Map View.** A graphic display showing a flat map of icons for your entire collection. It lets you see your entire collection in one View.
- **List View.** A text display showing your entire collection. The Select Zone, located on the center line, is the currently selected item. The icon for this item is displayed.

Library Levels

Within each view, the collection is broken down into Levels. Level buttons organize your music into smaller groups, to help you search through your collection.

The Levels fit in a hierarchy, as shown here:



- **Genre Level.** A genre is a type of music: Rock, Jazz, Rap, Classical, World, etc. You can select and play any genre, or search a genre for an Artist.
- **Artist Level.** Within each genre, music is sorted at the Artist Level. As with genre, you can select and play any artist, or you can use search for an album.
- **Album Level.** Within each artist, music is sorted at the Album Level. If an artist happens to have an album that falls outside their standard genre, it will still appear at the Artist Level. You can select and play an album, or search an album for songs.
- **Song Level.** Under the Album, the music is broken down into the Song Level. Depending on the View, you can select and play individual songs.

Playing Music in Library

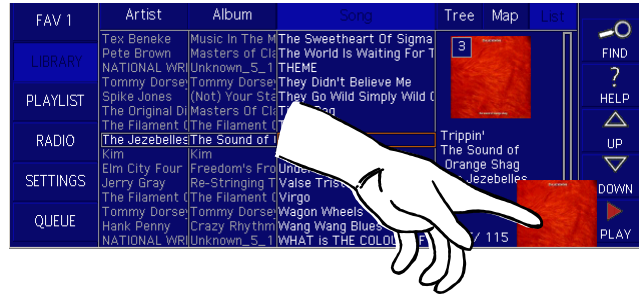
No matter which View in the Library you are in, you can select music in the same ways.

Playing Music—Select Icon and Tap Play

You can also play a selection by choosing an icon, then tapping the **PLAY** button. Choosing an icon varies between Views, so we'll deal with those View-by-View.

Playing Music—Touch and Hold, Drag and Drop

At any point in Library Mode, you can touch and hold an icon, then drag and drop it on the **PLAY** button to start playing the selection.



When you play a selection, it automatically bumps anything currently being played on the queue, and you can tap **Queue Mode** to see what's being played.

The Level Determines the Selection—Playing Genres, Artists, Albums, or Songs

The Level you are at determines what the icon represents:

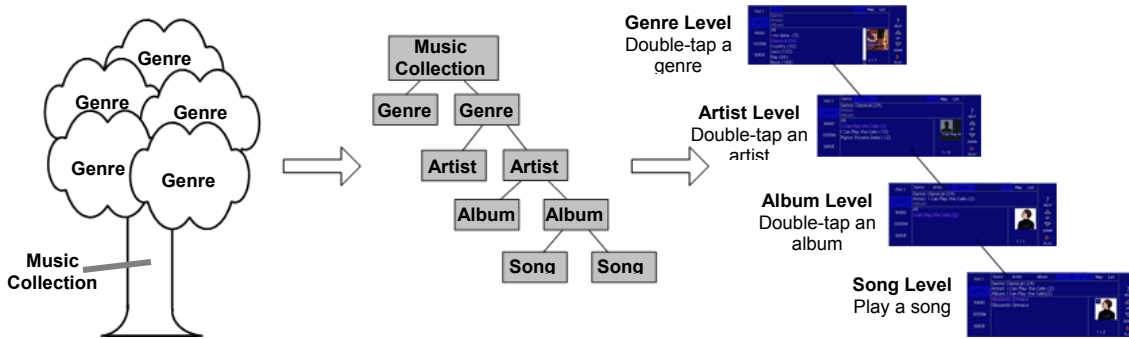
- **Genre Level.** At this level, all icons represent genres. If you play a genre, the TerraPlayer will shuffle play only tracks of that genre in your collection. For example: if you play the Jazz icon, the TerraPlayer will play random selections from your jazz collection. This is a great feature for setting background music.
- **Artist Level.** At this level, all icons represent artists. If you play an artist, the TerraPlayer will shuffle play random track by only that artist.
- **Album Level.** At this level, all icons represent albums. If you play an album, the TerraPlayer will play the tracks in order.
- **Song Level.** At this level, all icons represent songs—even though songs by default use the album icon.

Library Mode, Tree View

When you press the **Tree** button, the Library will be displayed in Tree View. In Tree View names appear in large print, to make it easy to read.

Think of Tree View like this: your entire music collection is the trunk of a tree, and music branches out from that trunk. The first branches are genres: Rock, Jazz, Classical. These split off into smaller branches: artists. Artist branches split off into even smaller branches: albums. At the end of each album branch, you'll find the leaves: songs.

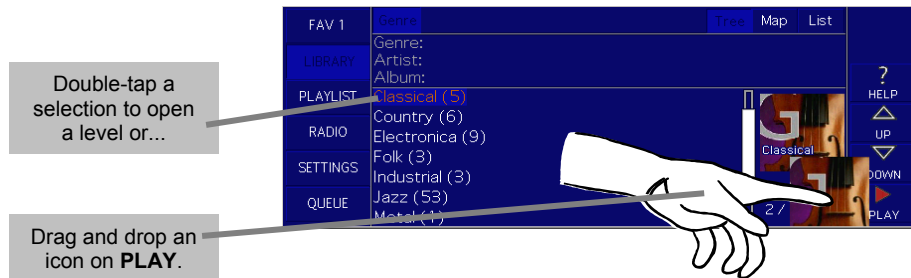
So, in order to find the music selection you want, you've got to start from the genre and branch out from there. You can always press the **Genre**, **Artist**, or **Album** buttons to go back.



Playing and selecting music in Library Mode, Tree View

Remember the following:

- You can play genres (Rock, Jazz, etc.) at the Genre Level.
- You can play artists at the Artist Level.
- You can play albums at the Album Level.
- You can play songs at the Song Level.



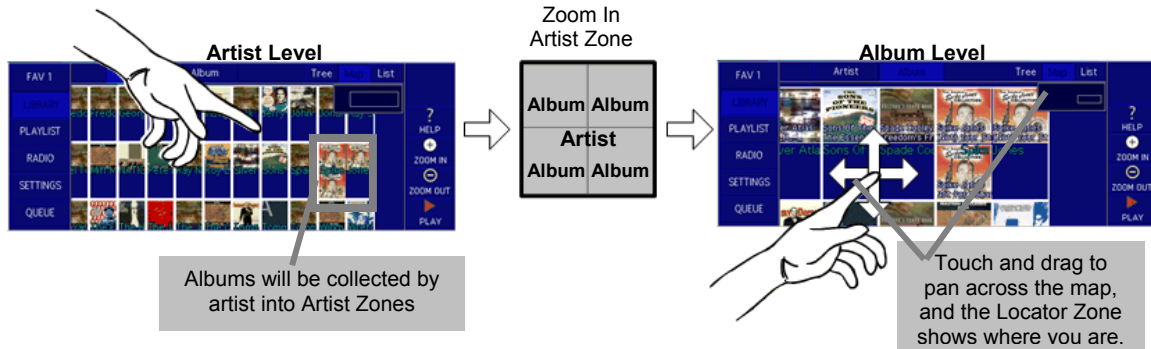
In Tree View, you can do the following:

Open a selection to the next level
You can open a genre, album, or artist to the next level down by double-tapping on a selection.
Play music
Tap once on an icon to select, then press the PLAY button.
Touch and hold the icon, then drag and drop it on PLAY .
Add to Favorites or Queue
Touch and hold the icon, then drag and drop on QUEUE to add to Queue.
Touch and hold the icon, then drag and drop on FAV to add to Favorites.

Library Mode, Map View

Press the **Map** button to enter Map View, and the TerraTouch OS displays your collection as a flat map of icons, spread out so you can zoom in/out and pan across your collection by touching and dragging the touchscreen. The Locator Zone in the upper-right corner shows your relative location in the map.

You begin Map View at the Artist Level, where the map is divided into artist zones containing all the albums by each artist in your collection.



Actions

Remember the following:

- You can play artists at the Artist Level.
- You can play albums at the Album Level.



In Map View, you can do the following:

Zoom in or zoom out to find music
Locate the desired Artist Zone, then press the ZOOM IN button.
If you want to go back, press the ZOOM OUT button.
Play music
Tap the desired Artist Zone or album to select, then tap PLAY .
Touch and hold an Artist Zone at the Artist Level, then drag and drop the icon on PLAY .
Touch and hold an album at the Album Level, then drag and drop the icon on PLAY .
Open an artist or album to list all songs
Double-tap on an Artist Zone or album to list all the songs.
Add to Favorites or Queue
Touch and hold the icon, then drag and drop on QUEUE to add to Queue.
Touch and hold the icon, then drag and drop on FAV to add to Favorites.
Return to the Artist Level
If you are at the Album Level and want to go back, press the Artist button.

Library Mode, List View

In **List View**, your collection appears in a list. You can select an artist, an album, or a song depending on which column is selected on the touchscreen. The currently selected item appears on the Select Zone, and its icon shown on the right.

Press the **Artist** button to sort by artists. (Default artist icon shown)



Press the **Album** button to sort by albums. (Default album cover icon shown)



Press the **Song** button to sort by songs. (Album cover icons used for songs)



Scroll through the music using the scroll bar or the **UP/DOWN** buttons

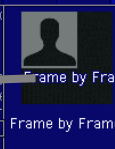

FAV 1	Artist	Album	Song	Tree	Map	List
LIBRARY	Bob's Yer Unc Spike Jones	Innocence and (Not) Your Sta Freedom's Fro	Innocence and Experience It Had To Be You			<div style="background-color: white; color: black; padding: 2px; margin-bottom: 2px;">FIND</div> <div style="background-color: white; color: black; padding: 2px; margin-bottom: 2px;">?</div> <div style="background-color: white; color: black; padding: 2px; margin-bottom: 2px;">HELP</div> <div style="background-color: white; color: black; padding: 2px; margin-bottom: 2px;">▲</div> <div style="background-color: white; color: black; padding: 2px; margin-bottom: 2px;">UP</div> <div style="background-color: white; color: black; padding: 2px; margin-bottom: 2px;">▼</div> <div style="background-color: white; color: black; padding: 2px; margin-bottom: 2px;">DOWN</div> <div style="background-color: white; color: black; padding: 2px;">▶</div> <div style="background-color: white; color: black; padding: 2px;">PLAY</div>
PLAYLIST	Max Kaminsky Roy Lanham A Kay Starr	Freedom's Fro Hard Life Blue Best Of The S	Jazz Me Blues Kerry Dance Lonesomest Gal In Town			
RADIO	Stuff Smith Silver Atlas Frame by Frame	Masters of Cla 4 A.M. Ricercar	Melody In F Memorial Mrs. Nancy			
SETTINGS	John McHugh Freddy Martin Kim	Songs In The K Freedom's Fro Kim	My Hearts Got Nothing Els My Melancholy Baby Neighbor			
QUEUE	The Holy Ghos Silver Atlas Kay Starr Tommy Dorset	The Holy Ghos 4 A.M. Best Of The S Freedom's Fro	Never Sleep No Angry Words Nobody Knows The Troubl Nobody Knows The Troubl			

The center line is the Select Zone—the item on that line is currently selected.

Actions

Remember the following:

- Press the Artist button to select an artist.
- Press the Album button to select an album.
- Press the Song button to select a song.

FAV 1	Artist	Album	Song	Tree	Map	List
LIBRARY	Cote Gle Die: Schon Die: Schon Earl Tower Orchestra	Flag Waver 7 and Falling 7 and Falling 7 and Falling	You're A Grand Cut Do You Know? Worm			<div style="background-color: white; color: black; padding: 2px; margin-bottom: 2px;">FIND</div> <div style="background-color: white; color: black; padding: 2px; margin-bottom: 2px;">?</div> <div style="background-color: white; color: black; padding: 2px; margin-bottom: 2px;">HELP</div> <div style="background-color: white; color: black; padding: 2px; margin-bottom: 2px;">▲</div> <div style="background-color: white; color: black; padding: 2px; margin-bottom: 2px;">UP</div> <div style="background-color: white; color: black; padding: 2px; margin-bottom: 2px;">▼</div> <div style="background-color: white; color: black; padding: 2px; margin-bottom: 2px;">DOWN</div> <div style="background-color: white; color: black; padding: 2px;">▶</div> <div style="background-color: white; color: black; padding: 2px;">PLAY</div>
PLAYLIST	Eddie Condon Elm City Four	Eddie Condon Freedom's Fro	Someday Sweet Under The Bar			
RADIO	Frame by Frame Frame by Frame Frame by Frame Frame by Frame Frame by Frame	Ricercar Ricercar Slow Rocket Slow Rocket Slow Rocket	Mrs. Nancy Not All Tired Open Invitati Blank Saw Campaign Trai Spillage			
QUEUE	Freddy Martin and His Orc Freddy Martin Orchestra	Freedom's Fro Freedom's Fro	My Melancholy Clair De Lune			

At the **Artist** Level, the icon represents the currently selected artist

In List View, you can do the following:

Search for music
Use the UP and DOWN buttons or scroll bar to search through the music to find what you want.
Play music
Tap the desired icon to select, then tap PLAY .
Touch and hold the icon, then drag and drop it on PLAY .
Add to Favorites or Queue
Touch and hold the icon, then drag and drop on QUEUE to add to Queue.
Touch and hold the icon, then drag and drop on FAV to add to Favorites.

FIND

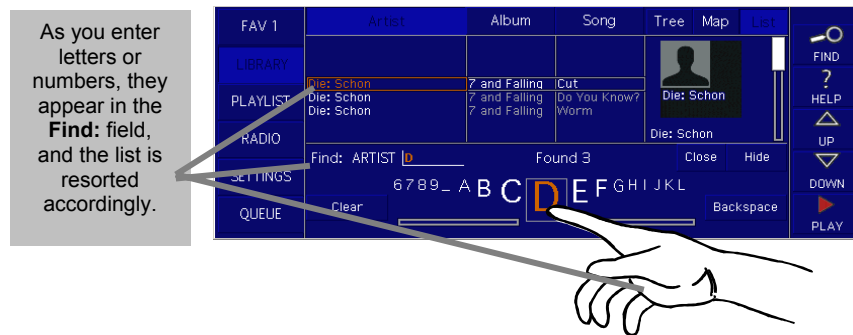
Press the **FIND** button to bring up a screen which will help you search List View for a specific name.

Find by Name

To search by **name**, you should first select whether the search will be of all music, or limited to genre, artist, album, or song. Press the **Find:** find, and a pop-up menu will appear of the search options available. Select one by pressing the button. For example, if you want to look for an artist, press the **ARTIST** option.



Then, use the alphanumeric list at the bottom of the screen. Touch and drag the list to pan through the letters/numbers. The highlight box in the center is the currently selected letter/number. Touch it to select and the letter/number will appear in the **Find:** field, and the list will take you to that area of the alphabet in the list.



As you add letters/numbers, the list will be resorted to hone in on what it is you are looking for.

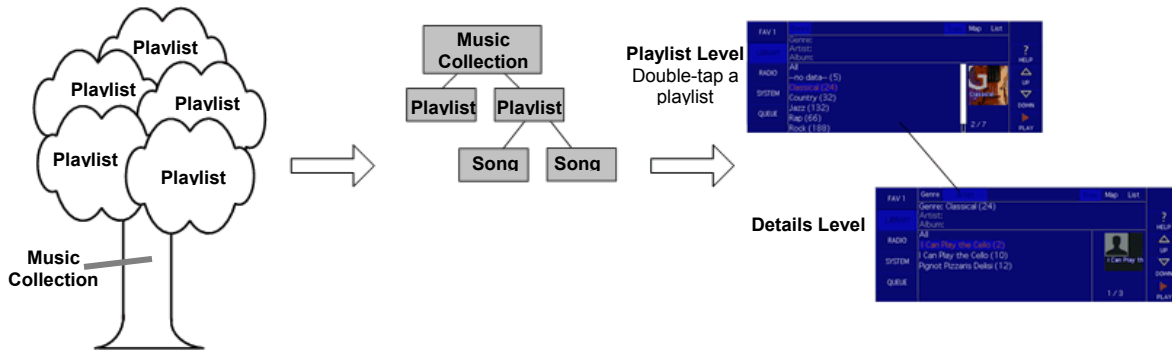
Playlist Mode

When you create a playlist on the computer and store it in a shared folder, the TerraPlayer will detect that playlist and present it in Playlist Mode for you to access it. Playlist Mode can be displayed in one of two Views: Tree or Strip.

Playlist Mode, Tree View

When you press the **Tree** button, playlists are displayed on Tree View. In Tree View names appear in large print, to make it easy to read.

Think of Tree View like this: each playlist branches out to the songs. Double-tap on a playlist icon or name to branch out to the Details Level. There you can see the songs in the playlist. You can always press the **Playlist**, **Artist**, or **Album** buttons to go back.



Actions

In Tree View, you can do the following:

Play a playlist
At the Playlists Level – touch and hold an icon, then drag and drop it on the PLAY button.
At the Playlists Level – tap an icon or name to select, then press the PLAY button.
Open a playlist to see details
At the Playlists Level – double-tap a playlist name or icon to open it to the Details Level.
Play individual songs or albums
At the Details Level – tap the desired icon to select, then press the PLAY button.
At the Details Level – touch and hold the icon, then drag and drop it on the PLAY button.
Add to Favorites or Queue
Touch and hold the icon, then drag and drop on QUEUE to add to Queue.
Touch and hold the icon, then drag and drop on FAV to add to Favorites.
Return to Playlists Level
At the Details Level, press the Playlists button to return to the Playlists Level.

Playlist Mode, Strip View

When you press the **Strip** button, playlists are displayed as a row of icons. You can touch and drag on the strip to pan across available playlists. The Locator Bar in the lower left corner shows your relative position in the strip.



If you double-tap on a playlist, it opens up to the list to the Details Level, so you can see what music is in it.



Actions

In Strip View, you can do the following:

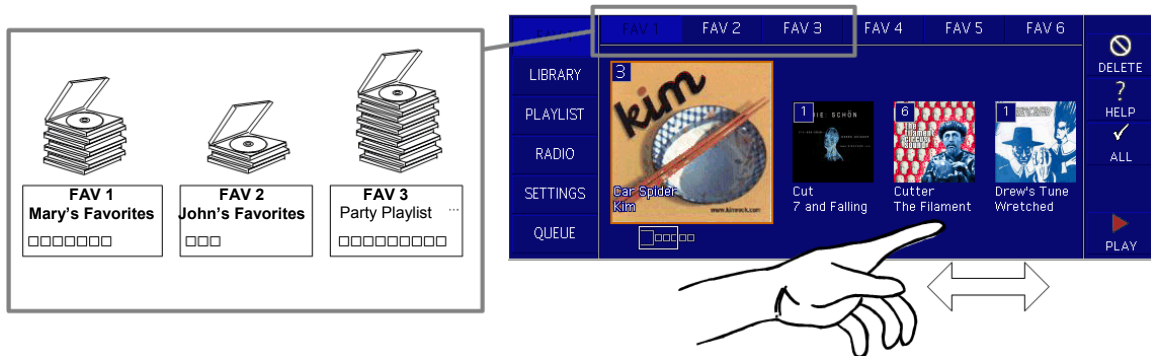
Play a playlist
At the Playlists Level – touch and hold an icon, then drag and drop it on the PLAY button.
At the Playlists Level – tap an icon to select, then press the PLAY button.
Open a playlist to see details
At the Playlists Level – double-tap a playlist icon to open it to the Details Level.
Play individual songs or albums
At the Details Level – tap the desired icon to select, then press the PLAY button.
At the Details Level – touch and hold the icon, then drag and drop it on the PLAY button.
Add to Favorites or Queue
Touch and hold the icon, then drag and drop on QUEUE to add to Queue.
Touch and hold the icon, then drag and drop on FAV to add to Favorites.
Return to Playlists Level
If your at the Details Level, press the Playlists button to return to the Playlists Level.

Favorites (FAV) Mode

You probably have a stack of CDs that you love to listen to sitting next to your stereo. That's what Favorites Mode is – a 'stack' of the songs, album, artist, or genres that you love to listen to. This makes it easy to keep track of your favorite music.

There are 6 different Favorites Views (FAV Views) – **FAV 1-6**. Each one can be used for something else. For example, each member of the family can have their own. Or, you can set aside one for a playlist. Each one of these view is accessed by pressing the **FAV 1-6** buttons.

In the example below, FAV 1 has been set aside for Mary's favorites and FAV 2 for John's favorites. They've also set aside FAV 3 as a playlist for a party they are planning.



When the list gets too long to fit on the screen, you can scroll across by touching the screen and dragging left or right. Once music has been added to a FAV View, it will remain stored in memory even after a TerraPlayer has been powered off. The Locator Base in the lower left shows your location in the strip.

Favorites Mode and the Remote

Accessing Favorites with the Remote

Enter Favorites by pressing the **fav** button on the remote. Press the button once to enter FAV 1, then each press of the **fav** button after that scrolls through the other FAV Views.



Scrolling through selections in Favorites

When in a Favorites View, you can scroll back and forth through selections in the View by pressing the **L/R** buttons. The current icon will be enlarged to indicate that it has been selected.



Flagging Favorites

While a track or radio station is playing, you can add it to the current FAV View by pressing the **FLAG FAV** button on the remote control.



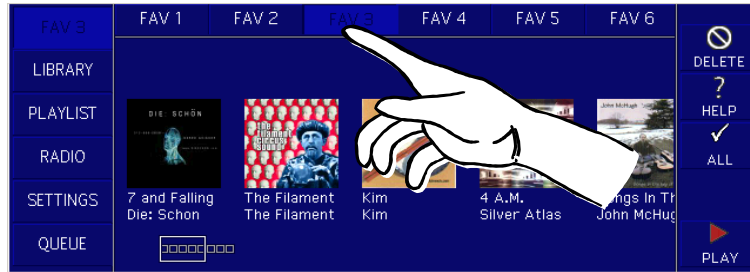
For example, if you play a genre and the TerraPlayer stumbles across a song you like, you can sit back in your easy chair and press **FLAG FAV**, and the song will be there in your FAV View next time you look.

Using a FAV View

Each FAV View will be empty when first accessed—you may add Favorites at any time as you find a song, album, artist, genre, etc. that’s worthy of “Favorites” status.

Select a FAV View

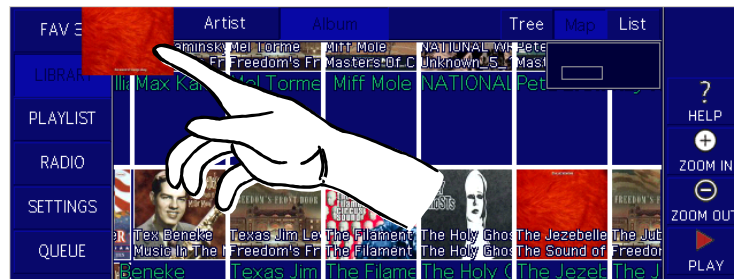
Select a **FAV** View by pressing one of the **FAV (1-6)** buttons:



Adding Favorites

You can drag and drop any icons to Favorites from any Mode where an Icon is displayed. Adding an icon to a given FAV View doesn’t remove that icon from the original Mode/View.

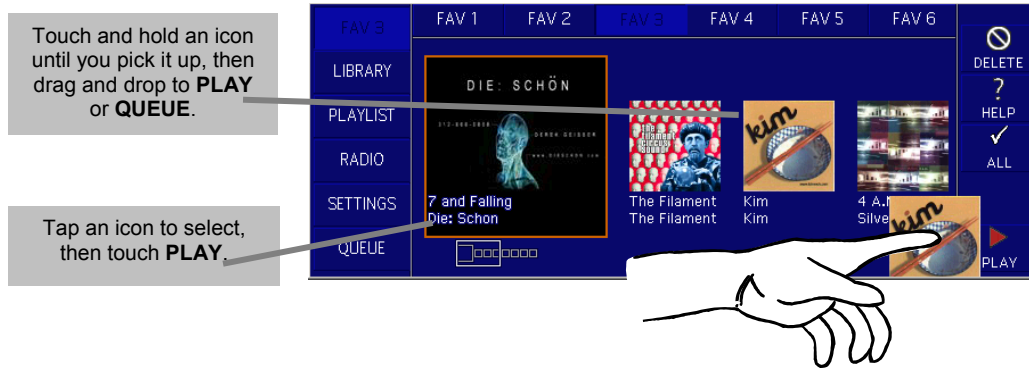
Add to a selection to favorites
In Library Mode , find the selection. Touch and hold the icon, then drag and drop on FAV .
In Radio Mode , find the radio station. Touch and hold the icon, then drag and drop on FAV .
In Queue Mode , find the selection. Touch and hold the icon, then drag and drop on FAV .



Playing favorites

When you touch FAV to access the view again, your favorites will now show up there.

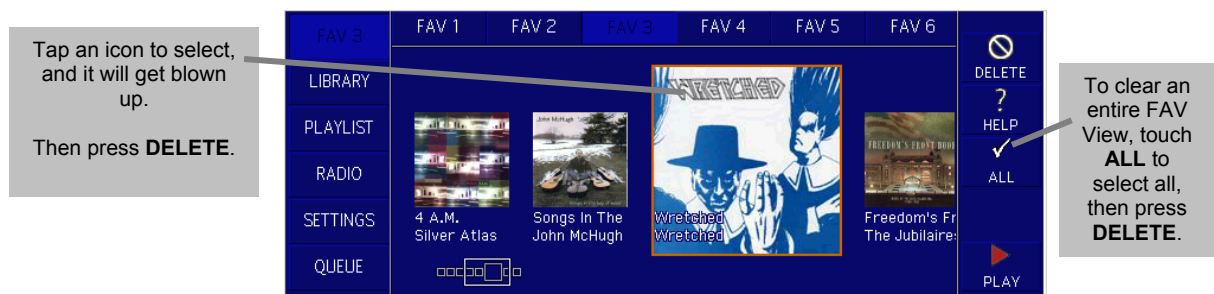
To play the entire favorites view
Press the Start button.
Play a single favorite
Tap the desired icon to select, then tap PLAY .
Touch and hold the icon, then drag and drop it on PLAY .
Open a favorite to list Songs or Information
Double-tap on the desired icon to open songs or information.
Add to Queue
Touch and hold the icon, then drag and drop on QUEUE to add to Queue.



Deleting favorites

You can delete favorites from a FAV view in several ways:

To clear an entire FAV View
Press FAV (1-6) to select the right View, press ALL , then press DELETE .
To remove a single selection from a FAV View
Tap the desired icon to select, then press DELETE .

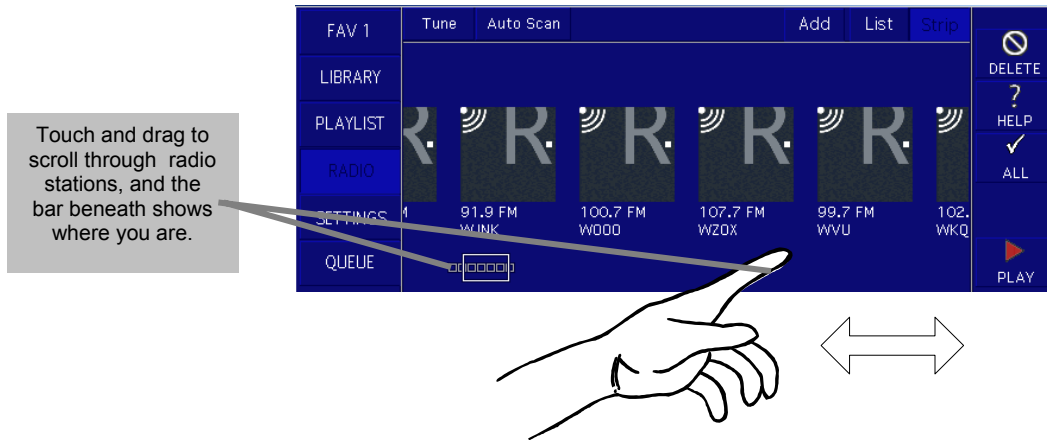


Radio Mode (TR-100 only)

If you press the **RADIO** button, you have access to the built-in AM/FM radio. From here, you can select and play a radio station or add drag and drop one to **FAVORITES** or **QUEUE**.

Radio Mode, Strip View

When you touch **Strip**, radio stations are displayed as a row of icons. You can touch and drag on the strip to pan across available radio stations. There is a bar in the lower left corner to show your relative position in the strip.



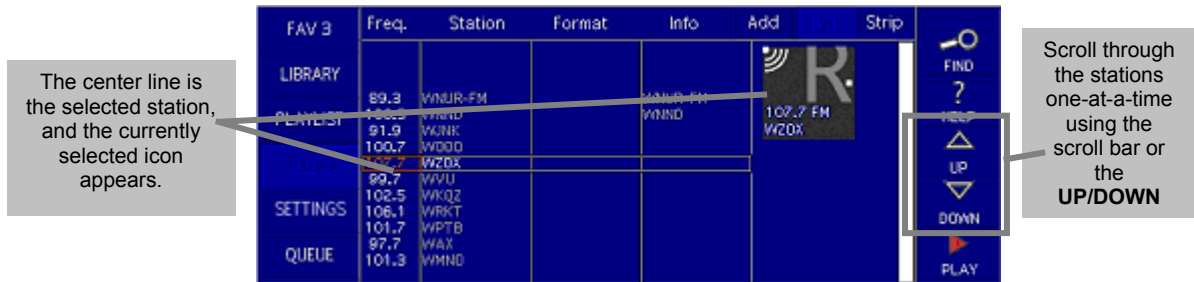
Playing radio stations in Strip View

In **Strip** View, you can do the following:

Play a radio station
Tap the desired icon to select, then tap PLAY .
Touch and hold the icon, then drag and drop it on PLAY .
Open a radio station to list information
Double-tap on the desired album to open the song list.
Add to Favorites or Queue
Touch and hold the icon, then drag and drop on QUEUE to add to Queue.
Touch and hold the icon, then drag and drop on FAV to add to Favorites.
Stop playing a radio station
On the TerraPlayer, press the Stop (□) button, then go to Queue and delete radio station icon.

Radio Mode, List View

List View shows a text list of all the radio stations. The center line is the current selection, and the icon for that station appears.



Playing radio stations in List View

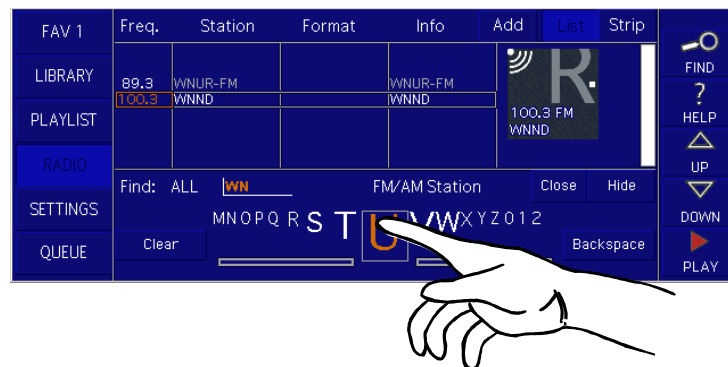
In **List View**, you can do the following:

Play a radio station
Tap the desired icon to select, then tap PLAY .
Touch and hold the icon, then drag and drop it on PLAY .
Open a radio station to list information
Double-tap on the desired album to open the song list.
Add to Favorites or Queue
Touch and hold the icon, then drag and drop on QUEUE to add to Queue.
Touch and hold the icon, then drag and drop on FAV to add to Favorites.
Stop playing a radio station
On the TerraPlayer press the Stop (□) button, then go to Queue and delete radio station icon.

FIND

The **FIND** feature available in Library Mode, List View is also available in Radio Mode, List View.

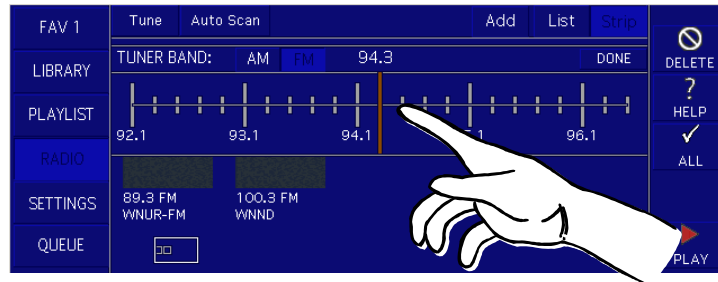
☞ Refer to **FIND** on page 34 for more information.



AM/FM Radio (TR-100 only)

AM/FM Radio Tuner

The TerraPlayer TR-100 Table Receiver comes with a built-in AM/FM radio tuner. To select stations on the tuner, tap on **AM** or **FM** to select a band, then use your finger to drag the tuner dial left or right to the desired frequency.



1. Press the Tune button

This will access the AM/FM tuner.

2. Press the AM or FM button

Select the AM or FM button to select the desired frequency band.

3. Scroll the tuner to the desired frequency

The tuner acts very much like a tuner on an old-style car radio. Press AM or FM to select the band, then touch the tuner and drag it back and forth to find the frequency band of the radio station you wish to add.

If you press the **AUTO SCAN** button, the TerraPlayer will scan the airwaves for radio stations.

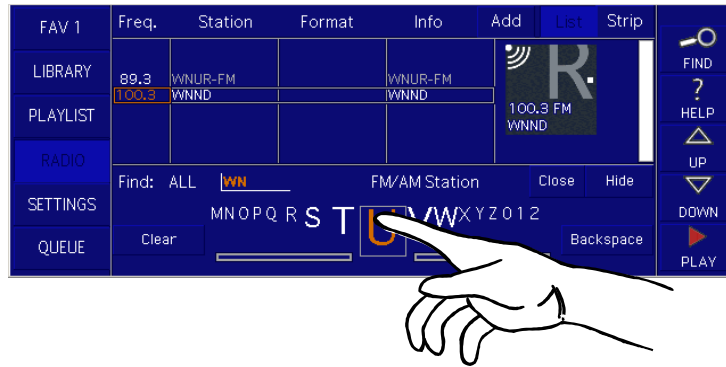
4. Press the DONE button to close the tuner

Press the **DONE** button to close tuner and listen to the station, or **CANCEL** shut off the radio.

Adding radio stations with Auto Scan

If you press the **AUTO SCAN** button, the TerraPlayer Radio will scan the radio waves at set up icons for all radio stations that it can detect. This is also done automatically by the TerraPlayer Radio is first plugged in.

Add an AM/FM Radio Station



1. Press the Add button

This will bring up the Tuner with add controls.

2. Select the AM/FM frequency band of the desired radio station

☞ Refer to *AM/FM Radio Tuner* on page 41 for more information.

3. Enter the call letters or a name for the station

Use the alphanumeric list at the bottom to enter the call letters (eg. WKRP, WJNK).

Touch and drag the alphanumeric list to pan across. The letter/number in highlight box is currently selected. Tap this once to add to **Name:** field.

Clear resets the **Name:** field.

Backspace deletes the last character in the **Name:** field.

4. Press the Save button to add the radio station to the Strip View

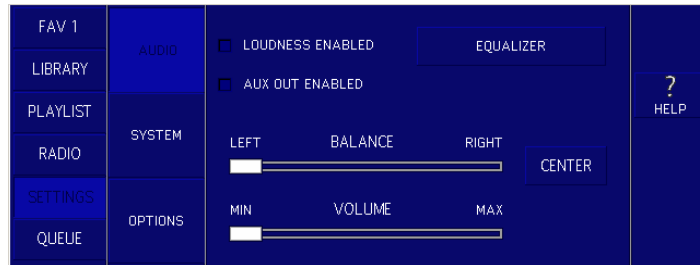
Press the **Save** button to add an icon for the radio station to the Strip View, or **CANCEL** to close with no changes.

Settings Mode

When you tap on **SYSTEM**, there are different options for configuring your TerraPlayer.

AUDIO

Press the **AUDIO** button to display controls for adjusting the sound coming out of the TerraPlayer.



Control	Definition
EQUALIZER	☞ Refer to EQUALIZER on page 45 for more information.
LOUDNESS ENABLED	Check the LOUDNESS option for added presence to the audio.
AUX OUT ENABLED	TR-100 only. If you are using the L/R stereo outputs to send the audio to an outboard stereo, check AUX OUT to bypass the internal amplifier and speakers.
BALANCE	Click and drag the BALANCE slider to the left or the right adjust the left/right stereo balance. Press the CENTER button to reset.
VOLUME	Click and drag the VOLUME slider to control the output volume from the TerraPlayer. Left = Minimum Right = Maximum