20GB

CREATIVE®

NOMAD®
JUKEBOX 3

Getting Started

How to use this manual

NOMAD Jukebox 3

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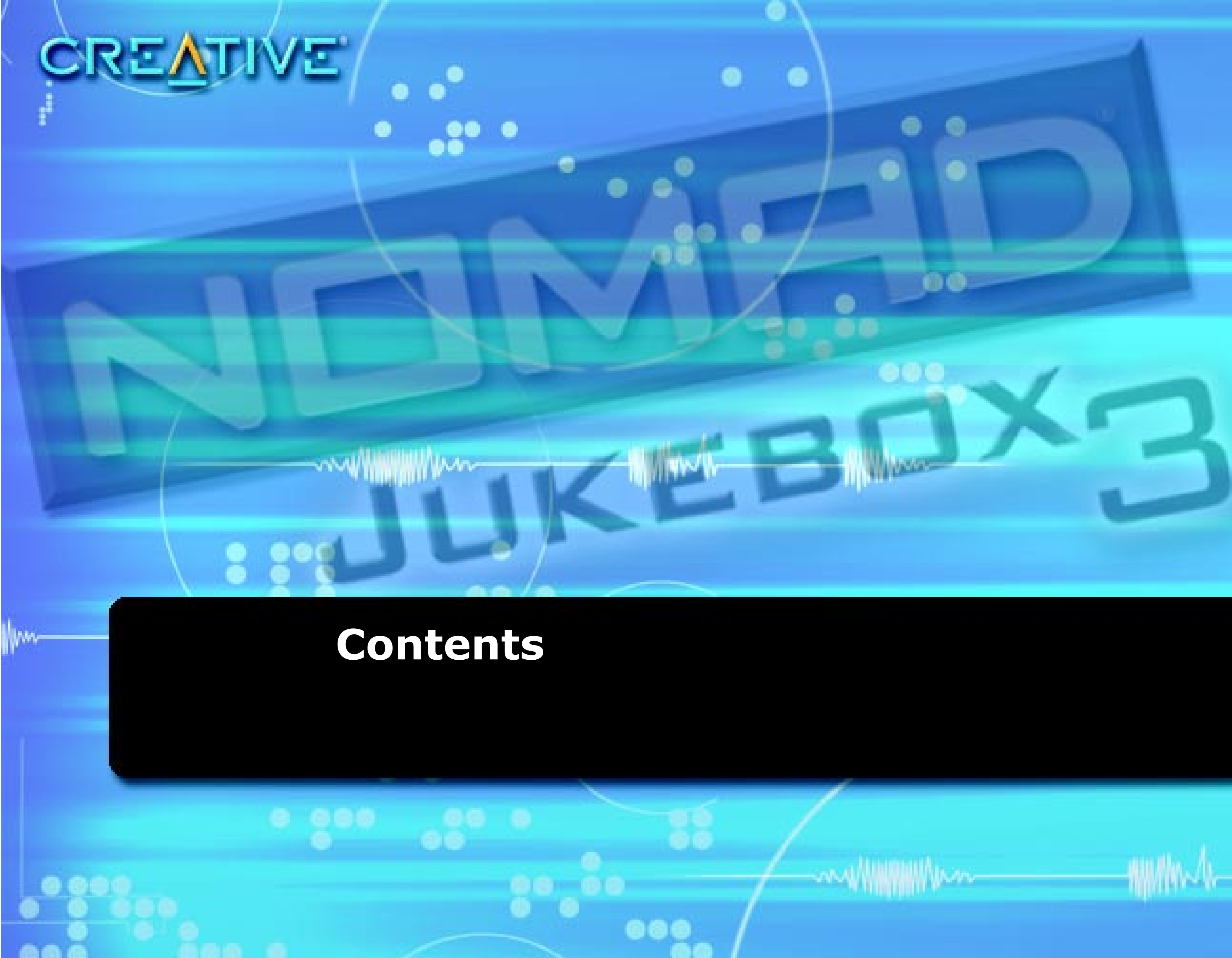
- To launch applications, Help files or to access relevant web sites, click the blue text, or whenever the ☝ or ☝W symbol appears on the object or text.
- For best viewing, this PDF is set by default to "Fit Width" so that the contents of each page is visible. If the text is not clear enough, press “Ctrl” and “+” to zoom in or “Ctrl” and “-” to zoom out. To view full screen, press “Ctrl” and “L”.

Note: To access the bundled applications and Help files, you must first install the manual and the applications in your computer. Otherwise, you will receive error messages. When you click a link to launch a program, a dialog box may appear to inform you that Adobe Acrobat Reader is going to launch the application. Click the “All” button to run subsequent applications without the message appearing again. To access linked web sites, your computer must be connected to the Internet.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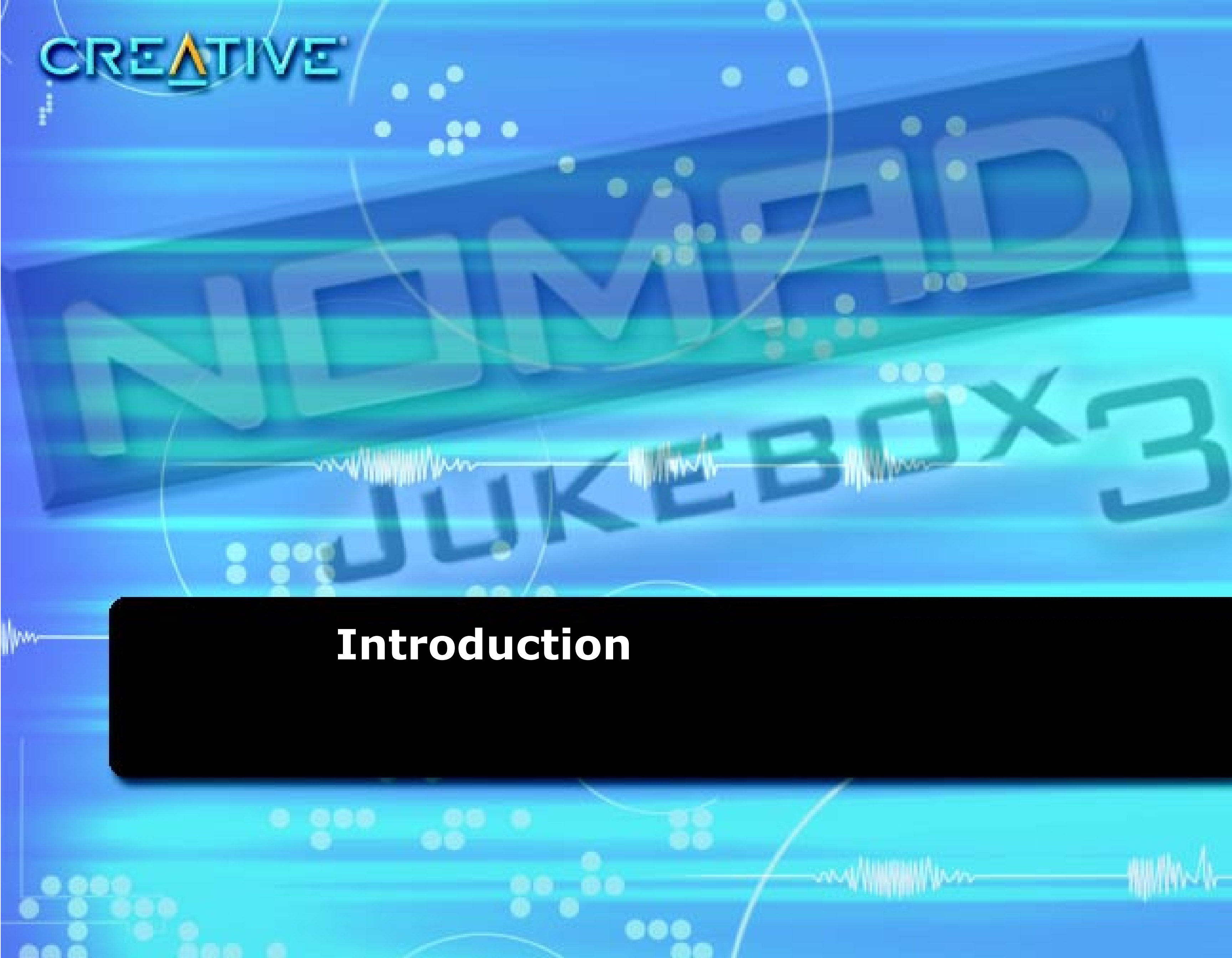

NOMAD
JUKEBOX 3

Introduction

Introduction

Creative NOMAD Jukebox 3

Congratulations on making an excellent decision in purchasing the Creative NOMAD Jukebox 3!

Your new multi-format portable player is lightweight, just about 10 ounces or 289 grams, without batteries. Even though it is no bigger than a normal CD player, you can store thousands of songs in the player's music library. You can create crystal clear MP3, WAV recordings using the Line-In or optical connector, all without using a PC. Your player also comes equipped with an SB1394™ connector, so you can transfer audio tracks and data quickly and easily. It also has two Line Out connectors, which are ideal for connecting to external speakers, like a Creative Inspire™ 4.1 speaker system.

Unlike other hardware-based players, the NOMAD Jukebox 3 features an onboard real-time digital signal processor (DSP) and a real-time effects processor for superior audio playback and customization. Your player also supports EAX™ so that you can enhance your audio with Advanced EQ presets, headphone spatialization, environments and effects. Your portable digital audio player supports multiple audio file formats, including MP3, WMA and WAV.

Supplied Software

The package comes with:

- Creative PlayCenter™ 3
- Creative File Manager
- Creative Audio Stream Recorder
- an interactive tutorial for your NOMAD Jukebox 3
- Adobe Acrobat Reader™

Creative PlayCenter 3

Creative PlayCenter is your Personal Digital Music Center on the PC. Developed by Creative, PlayCenter allows you to listen, organize, rip, and even create your own audio CDs! it also lets you manage, organize and seamlessly transfer music between Creative portable digital audio players and your PC. With AudioSync™, you can also synchronize music between your PC and NOMAD Jukebox 3.

Creative File Manager

Creative File Manager is a data file manager for your player. With its intuitive interface, you can drag-and-drop data files between your computer and player. With Creative File Manager, your player doubles as a portable data storage device.

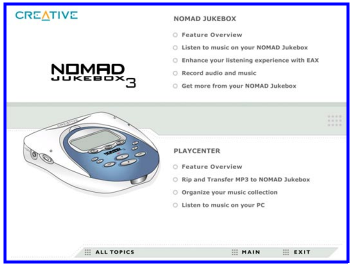
Creative Audio Stream Recorder

The Creative Audio Stream Recorder (ASR) is a software application that enables you to record streaming audio content from the Internet, and then play it back on your computer or transfer it to your player.

The ASR helps you to record Internet radio programs, sports events, company earning calls, hourly news updates — most of the audio content you can find online. You can specify the URL of the streaming content or select it from the ASR content directory. ASR can also be scheduled.

Interactive Tutorial

We have included a tutorial designed to guide you step by step around your new player. The tutorial is useful for both new and experienced owners.


CREATIVE
NOMAD JUKEBOX 3
NOMAD JUKEBOX
○ Feature Overview
○ Listen to music on your NOMAD Jukebox
○ Enhance your listening experience with EAX
○ Record audio and music
○ Get more from your NOMAD Jukebox
PLAYCENTER
○ Feature Overview
○ Rip and Transfer MP3 to NOMAD Jukebox
○ Organize your music collection
○ Listen to music on your PC
ALL TOPICS
MAIN
EXIT

Terminology

If you are not familiar with technology or terms used in this document, you can refer to the "Glossary" on page A-1. Refer to this section to help increase your understanding of your player and the technologies used in its creation.

System Requirements

The applications (software) on the installation CD may have higher requirements for basic functionality. Refer to each application’s documentation for details.

- Microsoft® Windows® 98, Windows 98 SE, Windows 2000, Windows ME or Windows XP
- Intel® Pentium® II 200 MHz, AMD®-K6-2® 200 MHz or better processor (Pentium II recommended for MP3 encoding)
- Sound Blaster Live!™, Sound Blaster Audigy™ or Sound Blaster Extigy™ for EAX enhanced MP3 encoding
- CD-ROM drive with digital audio extraction support
- USB, 1394 or SB1394 (found on Sound Blaster Audigy series of audio cards) port
- 64 Megabytes RAM (128 Megabytes recommended)
- 30 Megabytes free hard disk space (more needed for storing audio)
- Internet connection for Internet content downloading and CDDB2™ support (any charges incurred are the responsibility of the user)
- Installed mouse
- SVGA graphics adapter (256 colors, 800 x 600 resolution or better)

Additional requirements for Audio Stream Recorder

- Sound Blaster Live!, Sound Blaster Audigy or Sound Blaster Extigy
- Depending on the audio stream you want to record, at least Real Player™ 7.0, RealOne™ or Windows Media Player 6.0
- Microsoft Internet Explorer 4.0

Using this document

Capital letters are used to refer to buttons on the player or on an application, for example, "Press the MENU button to get to the Jukebox Settings screen."

We also use icons to highlight useful or urgent information for you:

✓ ❍ Tip. This tells you about shortcuts or hints relating to a feature.

✎ ❍ Note. This highlights additional or important information about a feature.

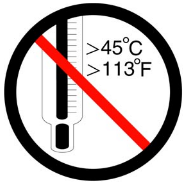
⏰ ❍ Caution! This highlights proper usage of your player. Use this information to avoid situations involving risk.

⚠ ❍ Warning! This warns you of possible hazards to yourself or your player, which may result in injury or damage.

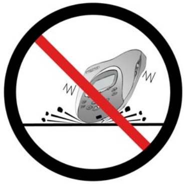
Handling the player

This section contains cautionary information that you should take note of.

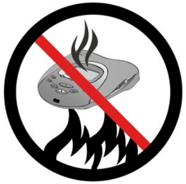
While your player is quite robust, you should observe a few handling procedures to prolong its life.



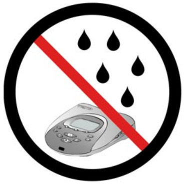
- Do not store or use in areas exceeding 45ºC or 113ºF.



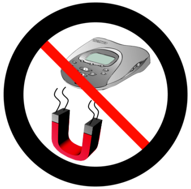
- Do not subject to excessive force or impact.



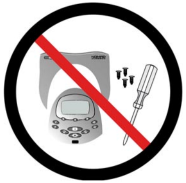
- Do not expose to heat or incinerate.



- Keep away from excessive moisture.



- Keep away from strong magnetic fields.



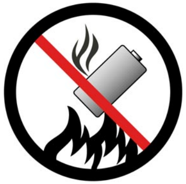
- Do not dismantle.

To get more detailed information, see "Player handling" on page C-2.

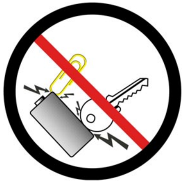
Handling the Battery

When charging or handling your player’s battery, take note of these precautions:

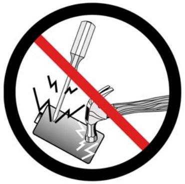
Never modify or disassemble the battery. If there is leakage, stench, discoloration or deformation during charging or use, remove the battery and do not use it again. Clean your hands well before handling food or touching sensitive areas of your body, for example, your eyes.



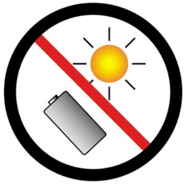
- Do not expose to heat or fire.



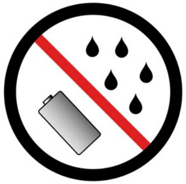
- Avoid contact with metal objects like keys or necklaces.



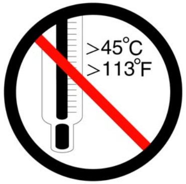
- Do not pierce or crush.



- Store away from direct sunlight.



- Avoid contact with moisture.



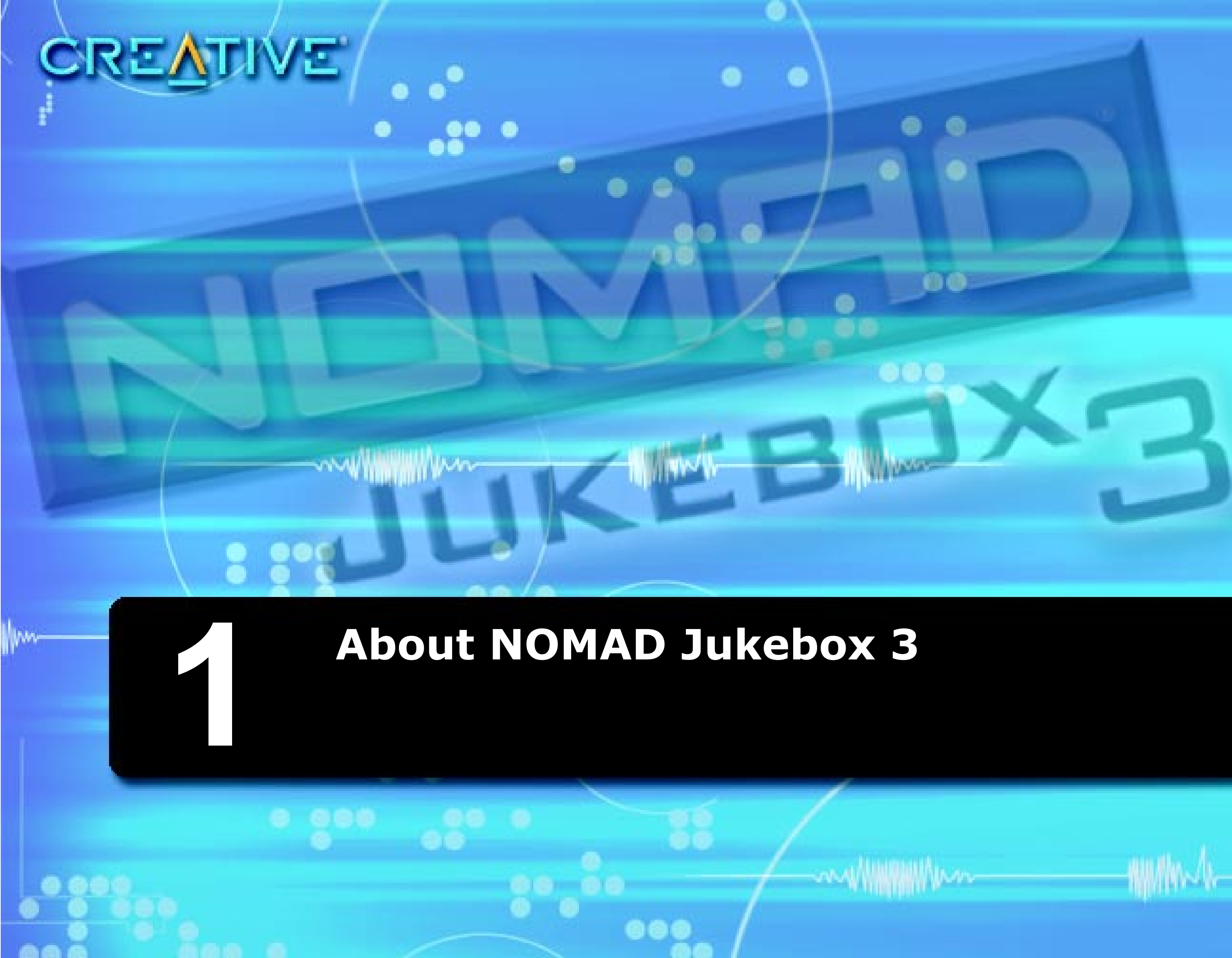
- Do not store or use in areas exceeding 45ºC or 113ºF.

To get more detailed information, see "Battery handling" on page C-1.

Website Information

Visit www.NOMADworld.com regularly for updates and information on:

- firmware updates
- NOMAD accessories
- tips and tricks
- FAQs
- troubleshooting
- documentation updates
- software updates or purchases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1

About NOMAD Jukebox 3

About NOMAD Jukebox 3

In this chapter, you can read about your player's exterior features and accessories. We will show and explain your player's buttons, controls and exterior connectors.

External views

Top view

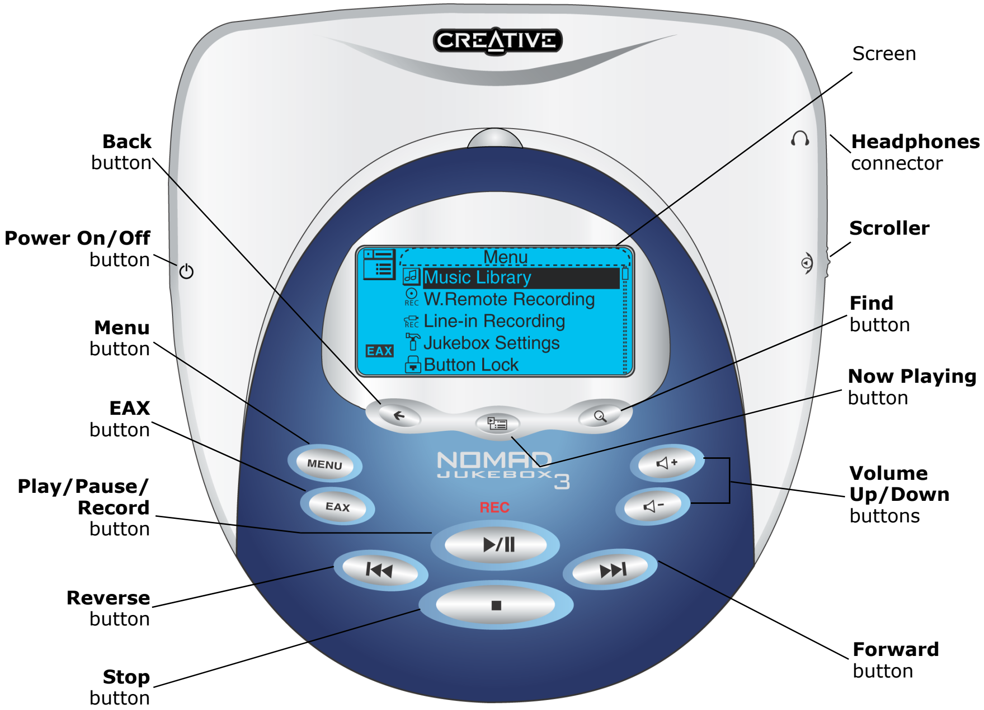

Back button
Power On/Off button
Menu button
EAX button
Play/Pause/ Record button
Reverse button
Stop button
Screen
Headphones connector
Scroller
Find button
Now Playing button
Volume Up/Down buttons
Forward button
CREATIVE
Menu
Music Library
W.Remote Recording
Line-in Recording
Jukebox Settings
Button Lock
EAX
MENU
EAX
NOMAD JUKEBOX 3
REC

Figure 1-1: Top view of your NOMAD Jukebox 3

Side views

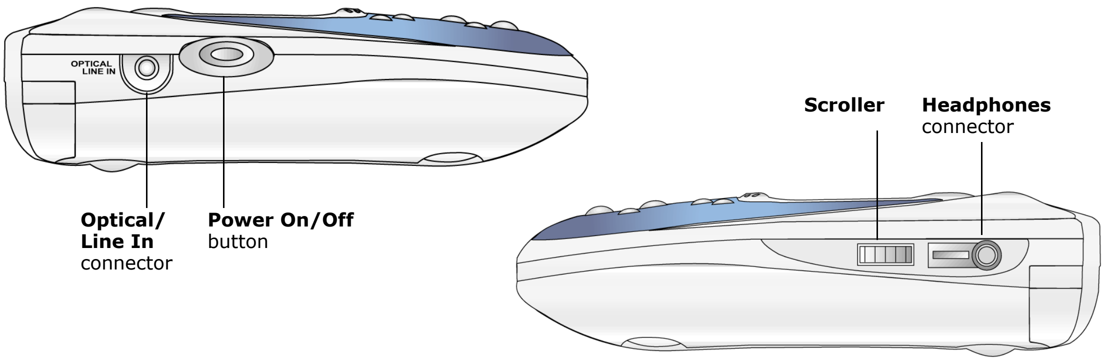

OPTICAL LINE IN
Optical/ Line In connector
Power On/Off button
Scroller
Headphones connector

Figure 1-2: Side views of your NOMAD Jukebox 3

Back view

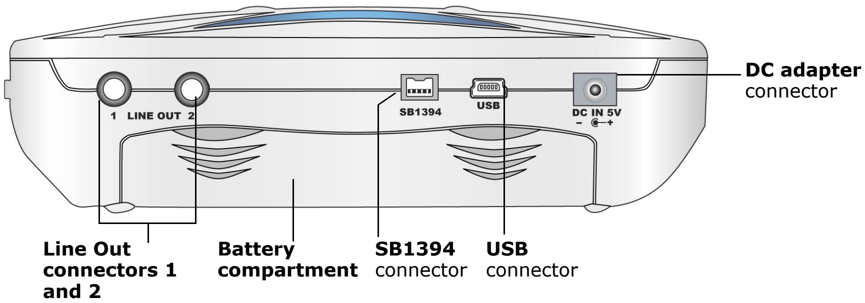

1 LINE OUT 2
SB1394
USB
DC IN 5V
– +
DC adapter connector
Line Out connectors 1 and 2
Battery compartment
SB1394 connector
USB connector

Figure 1-3: Back view of your NOMAD Jukebox 3

Bottom view

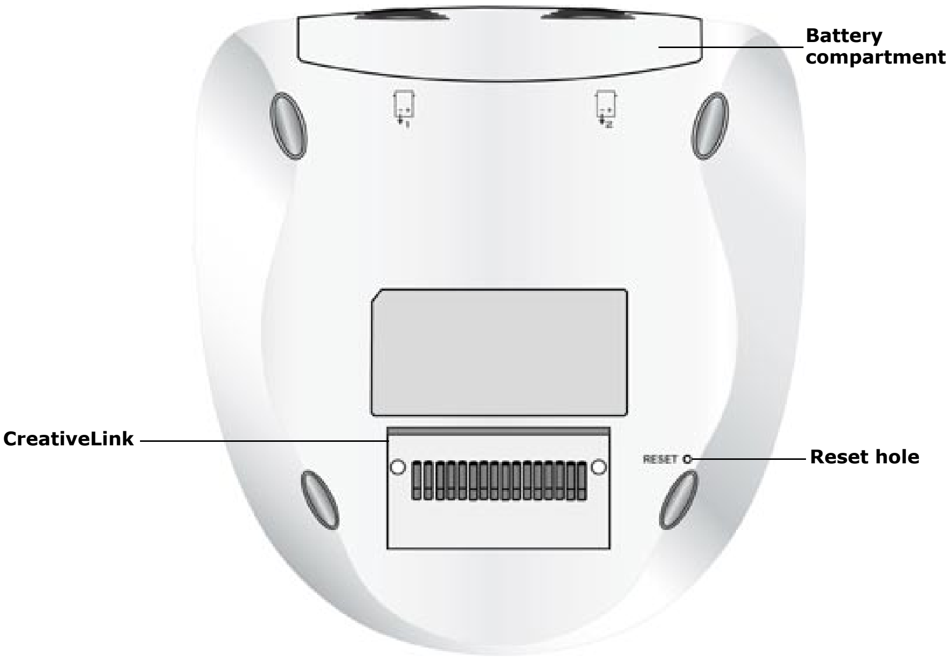
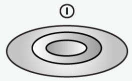
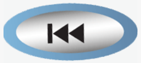
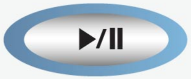
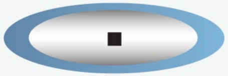
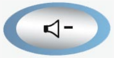
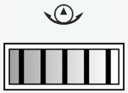

Battery compartment
CreativeLink
RESET
Reset hole

Figure 1-4: Bottom view of your NOMAD Jukebox 3

Player Buttons

The buttons on your NOMAD Jukebox 3 help you access many of your player's features. The table below describes each button and its function.

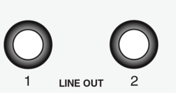
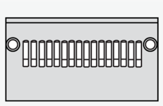
Button	Function	Notes
Power 	❍ turns the player on and off ❍ activates LCD backlight	❍ press and hold until player turns on or off ❍ press to turn LCD backlight on
Menu 	❍ accesses most of your player's features	
EAX 	❍ accesses EAX features	❍ use this button to enable or disable EAX
Reverse 	❍ skips to the beginning of the current track, or to the previous track ❍ skips to previous portions of a track when you press and hold the button	❍ to skip to earlier tracks, press the Now Playing button to get to the Playing List screen. Use the Scroller and select the track to skip to.
Play/Pause/Record 	❍ starts, pauses or continues playback/ recording	❍ use your player's Optical/Line-In connector or the optional Wired Remote to record ❍ to queue a track for playback, press and hold this button in the Music Library screens

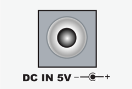
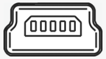
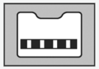
Button	Function	Notes
STOP 	❍ halts playback ❍ halts recording	
FORWARD	❍ skips to the next track ❍ skips forward to portions of a track when you press and hold the button	❍ to skip ahead to a track, press the Now Playing button to get to the Playing List screen. Use the Scroller and select the track to skip to.
VOL - 	❍ decreases the volume. Press and hold to decrease the volume quickly.	❍ adjusts the volume level ❍ to adjust playback volume on speakers connected to Line Out 1 or 2, use the speakers' volume control
VOL +	❍ increases the volume. Press and hold to increase the volume quickly	
SCROLLER 	❍ scrolls up and down menus ❍ selects menu options	❍ turn the Scroller to scroll through menu options and press the Scroller to select them. This action is also referred to as "Scroll Select".
FIND	❍ finds albums, tracks, playlists and genres	❍ the Find operation starts after you enter the first letter, for example "D" of "DJ playlist"

Button	Function	Notes
NOW PLAYING 	❍ toggles between Playing Track and Playing List screens	❍ the Playing Track screen shows details about the track being played. ❍ the Playing List screen shows the contents of the Playing List.
BACK 	❍ stops current operation and returns to the previous screen	❍ from the current screen, you can only go back up to 10 screens

NOMAD Jukebox 3 Connectors

Your NOMAD Jukebox 3 has external connectors that can connect the player to other devices. The table below explains what those connectors are.

Part	Function	Notes
BATTERY COMPARTMENT	❍ holds the player's battery	❍ use another battery to extend the playback time ❍ use only the same type of battery as the one supplied
HEADPHONES CONNECTOR	❍ connects to your headphones	❍ use the FM Wired Remote or Wired Remote, if you have one
LINE OUT CONNECTORS 1 & 2 	❍ connects to a two or four speaker system, for enhanced audio effects	❍ Line Out 1 is for front speakers ❍ Line Out 2 is for rear speakers
OPTICAL/LINE IN CONNECTOR OPTICAL LINE IN	❍ Line-In recording from a digital or analog source	❍ use an analog cable for an analog source ❍ use a digital cable for a digital source. The player automatically detects the type of connector used.
CREATIVELINK 	❍ connects your player to the Creative Docking Station.	

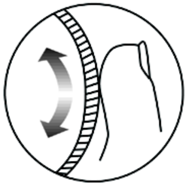
Part	Function	Notes
DC ADAPTER CONNECTOR  	❍ connects to your player's DC adapter	❍ use only the supplied DC adapter.
RESET HOLE **RESET** ○	❍ resets your player if it stops responding	❍ insert the end of a thin object, like a straightened paperclip into the hole
USB CONNECTOR 	❍ connects your player to your computer	❍ connect a USB cable from your player to your computer to transfer data/ audio or to upgrade your player's firmware ❍ when your player is connected to your computer, use PlayCenter to control your player
SB1394 CONNECTOR 	❍ connects your player to your computer. Connect it to the Sound Blaster Audigy audio card's SB1394 jack or an IEEE 1394 connector, if you have one.	❍ connect an SB1394 or IEEE 1394 cable from your player to your computer to transfer data/audio or to upgrade your player's firmware ❍ when your player is connected to your computer, use PlayCenter to control your player

Using the Scroller

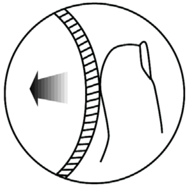
To "Scroll Select", use the Scroller to scroll to the option you want, and select the option by pressing the Scroller.

The Scroller is one of the most important features of your NOMAD Jukebox 3. In this document, we will use a new term, “Scroll Select”, to indicate that you should use the Scroller to scroll through options and then select the option by pressing the Scroller.

the Scroller (side view)



Use the Scroller to scroll through options



Press the Scroller to select an option

Depending on the screen you are in, you can have different menu options. You can also choose options from a list or a confirmation box.

Selecting menu options

You can use the Scroller to make selections in menus. For example, if you are looking at the Menu screen:

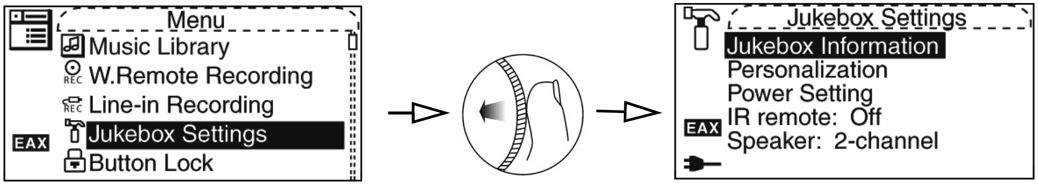

Menu
Music Library
W.Remote Recording
Line-in Recording
Jukebox Settings
Button Lock
EAX
Jukebox Settings
Jukebox Information
Personalization
Power Setting
IR remote: Off
Speaker: 2-channel
EAX

Figure 1-5: From the Menu screen to the Jukebox Settings screen

1. Use the Scroller to scroll up and down in the menu.
2. Press the Scroller to select the menu item.

Selecting list and confirmation box options

You can also use the Scroller to select options in lists and confirmation boxes.

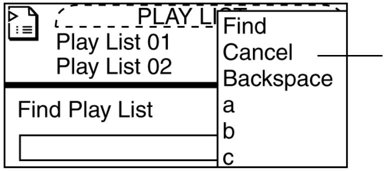

PLAY LIST
Play List 01
Play List 02
Find Play List
Find
Cancel
Backspace
a
b
c
Scroller options

Figure 1-6: *Constructing a title from a list*

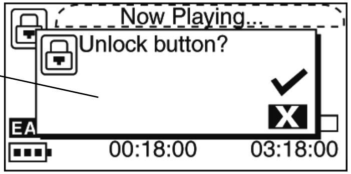

Now Playing...
Unlock button?
✓
X
EA
00:18:00
03:18:00

Figure 1-7: *Unlocking the player*

1. Move the Scroller to scroll through the options.
2. Press the Scroller to select the option.

Player Accessories

You have many devices to use with your NOMAD Jukebox 3 to enhance your audio experience. These accessories are available separately, and can be purchased online from NOMADworld. Some of these accessories may not be available in all regions.

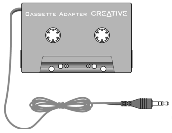
Home Kit

IR Remote Control

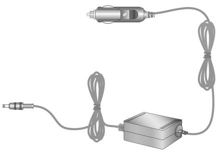
Docking Station

- ❍ The IR Remote Control allows you to access your player's controls from a short distance away.
- ❍ With the Docking Station, you can forget about plugging and unplugging cables each time you use the player—just connect your player peripherals to the Docking Station once.

Car Kit



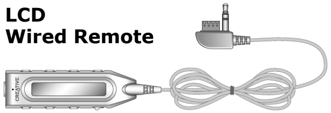
Cassette Adapter



Car Power Adapter

- ❍ The Cassette Adapter connects your player to a car cassette player.
- ❍ The Car Power Adaptor can be used to power your player by connecting it to your car's cigarette lighter.

LCD Wired Remote



- ❍ Allows you to access your player's controls without taking your player out of your bag or carrier.
- ❍ Allows you to make voice, music or ambient sound recordings through the microphone.

Extra battery

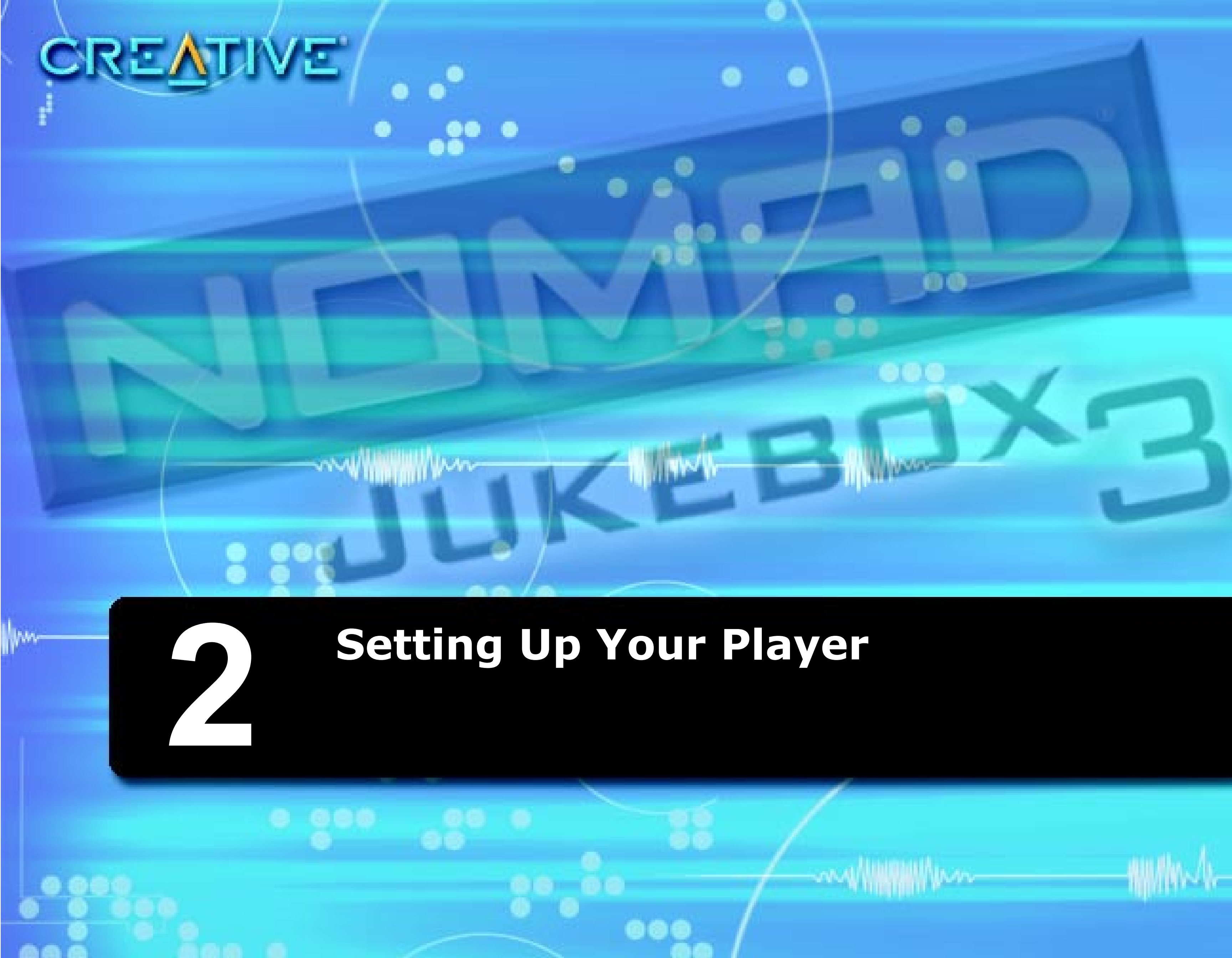
- ❍ Doubles playback time.

FM Wired Remote

FM 93.30MHz
FM

- Gives you the same functions as the Wired Remote, except that it also allows you to tune-in to local FM radio broadcasts.

Visit www.NOMADworld.com to learn more about these accessories.


CREATIVE
NOMAD
JUKEBOX 3

2

Setting Up Your Player

Setting up your player

This chapter will guide you on setting up your player, after which you should be able to start playing back audio on your player.

Inserting the battery

Although your player comes with one battery, you can purchase a second battery to enjoy double the playing time.

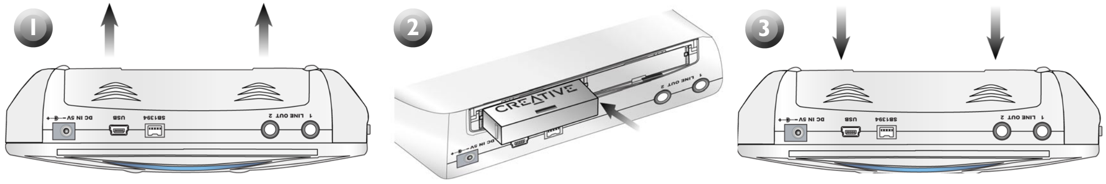


Figure 2-1: Inserting the battery in your NOMAD Jukebox 3

The diagram above shows you how to insert one battery. You can acquire an optional second Creative battery from www.NOMADworld.com.

1. Open the battery compartment in the direction of the arrows.
2. Insert the battery as shown.
3. Close the battery compartment.

Powering your player

Remember to use only the accessories packaged for you. Substitute accessories may damage your player, or worse yet, hurt you.

1. Connect the DC adapter as shown in the diagram.
2. Turn on the power from the power source.

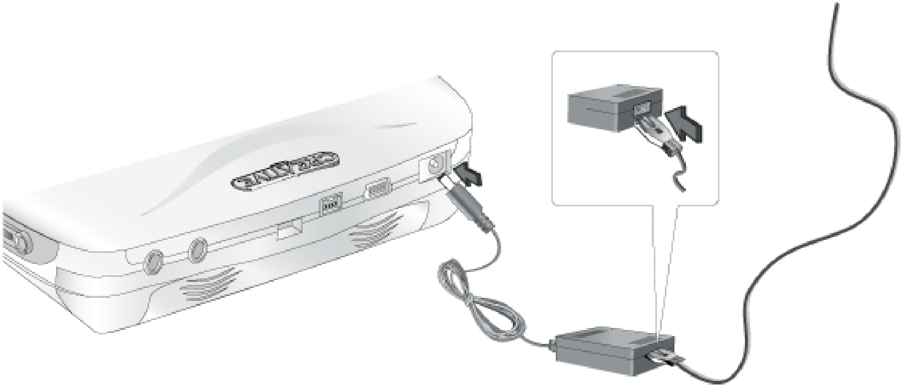


Figure 2-2: Powering your NOMAD Jukebox 3

Charging the battery

The high performance lithium battery supplied with your player needs to be fully charged before you use it. Your player's built-in battery charger should fully charge the battery in 4 hours to obtain the maximum playback time. If you are using two batteries, both batteries should be fully charged in 8 hours.

How to charge the battery

To charge your player's battery, you should:

1. Insert the uncharged battery as shown in "Inserting the battery" on page 2-1.
2. Connect your player to an DC power outlet as shown in "Powering your player" on page 2-2.
   Your player will turn itself on.
   Check the battery icon to see when the battery is fully charged.

Battery charge status

Your player displays one of the following icons, depending on the battery's charged status or the power source (battery or DC power).

Icon	Power State	Notes
🔌	❍ your player is running from DC power only	
[▮▮▮]	❍ your player is running from battery power only	❍ this battery state icon shows that the battery is fully charged
[▮▮]	❍ your player's battery is good for approximately 6 hours of continuous playback	❍ if using two batteries, approximately 12 hours of continuous playback are available
[▮]	❍ your player's battery is good for approximately 3 hours of continuous playback	❍ recharge the battery at the earliest opportunity ❍ if using two batteries, approximately 6 hours of continuous playback are available

Icon	Power State	Notes
[⚡]	❍ your player is running from DC power and is charging the battery	❍ charge the battery fully before disconnecting the player from the DC power outlet ❍ while charging, the icon will alternate between this icon and a battery state icon, showing the approximate level of charge
[■]	❍ your player is running from DC power and has finished charging the battery	❍ to use battery power, disconnect the player from the DC power outlet

For detailed information, refer to "Battery handling" on page C-1.

Installing Software

Your NOMAD Jukebox 3 comes with software that helps you create audio tracks, manage your music library and use your player.

1. Make sure your player is not connected to your computer.
2. Insert the Installation CD into your CD-ROM drive.
   The disc supports Windows AutoPlay mode and starts running automatically. If not, you need to enable your CD-ROM drive's auto-insert notification feature. For more details see "AutoPlay" on page E-1.
3. Select your preferred language.
4. Select "Install software for NOMAD Jukebox 3"
5. Click "OK".
6. Click "Next" to register with Creative, so that you will be updated on new developments for your Jukebox.
7. Follow the instructions on the screen.
8. When prompted to restart your computer, leave the CD in the CD-ROM drive.
9. Select "Yes, I want to restart my computer now".
10. Click "Finish".
11. Restart your computer.

You must restart your computer before trying out any of the installed applications.

Connecting your player

You can also use a USB cable to connect your NOMAD Jukebox 3 to your computer.

Your NOMAD Jukebox 3 comes with an SB1394 cable for fast data transfers to and from your computer. Be sure that you have installed PlayCenter before connecting your player.

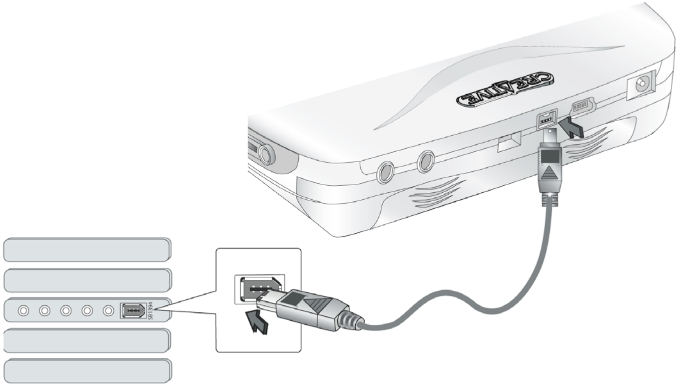
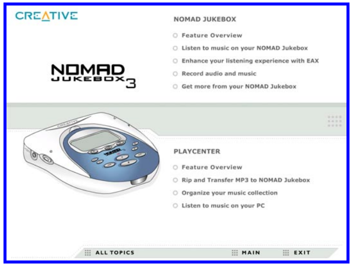


Figure 2-3: Connecting your NOMAD Jukebox 3 to your computer

Connect the SB1394 cable to your player and your computer.

Interactive Tutorial

You can now go through the Interactive Tutorial.


CREATIVE
NOMAD JUKEBOX 3
NOMAD JUKEBOX
○ Feature Overview
○ Listen to music on your NOMAD Jukebox
○ Enhance your listening experience with EAX
○ Record audio and music
○ Get more from your NOMAD Jukebox
PLAYCENTER
○ Feature Overview
○ Rip and Transfer MP3 to NOMAD Jukebox
○ Organize your music collection
○ Listen to music on your PC
ALL TOPICS
MAIN
EXIT

Turning the player on or off

Your player must be unlocked before you can turn it off. To unlock your player, see "Locking and unlocking your NOMAD Jukebox 3" on page 2-8.

To turn your player on

1. Press and hold down the POWER button.
2. Keep on holding the POWER button until the startup screen appears.
   The Now Playing screen appears. Otherwise, check that your player and the DC adapter are properly connected.

To turn your player off

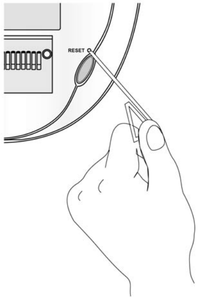
If your player is locked, you must unlock your player.

1. Press any button.
2. In the popup that appears, Scroll Select the check mark.
3. Press and hold the POWER button for at least 5 seconds.
   The player should turn off.

Resetting the player

If your player stops responding, reset the player. This should not cause you to lose any data or audio tracks, unless you were in the middle of recording or transferring an audio track. You can check for the audio track in your music library later. See "Using the Music Library" on page 3-4.

To reset the player: *Insert the end of a thin object (like a straightened paperclip) into the Reset Hole.*



Locking and unlocking your NOMAD Jukebox 3

Locking your NOMAD Jukebox 3 will disable all buttons on the player except for the Scroller. This feature is useful when you don’t want any buttons, like STOP, pressed accidentally.

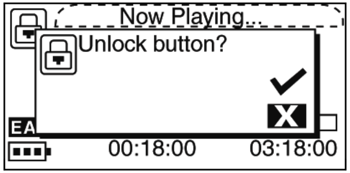
If you press a button while the player is locked, a popup window appears for you to unlock the player. This popup disappears if you don’t use the Scroller to make a selection within a few seconds.

To lock the player

1. Press the MENU button.
2. Scroll Select "Button Lock".
3. Scroll Select the check mark.
   The player is locked.

To unlock the player

1. Press any button.
   A popup appears.



Unlock button?

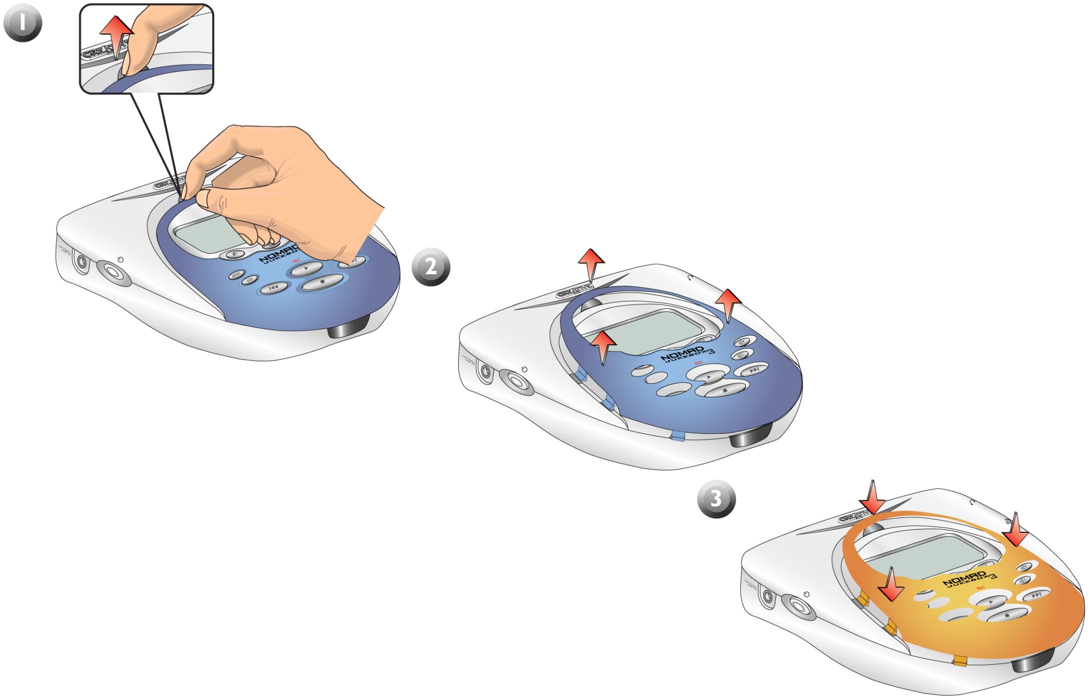
2. Scroll Select the check mark.
   The player is unlocked.

Changing the faceplate

If you want to change the look of your player, you can purchase a set of differently colored faceplates. Avoid using sharp-tipped objects to detach the faceplate to prevent surface damage to your player.

Go to www.NOMADworld.com to purchase more colored faceplates.

1. Detach the faceplate as shown below.
2. Position the new faceplate and snap it into place.



Checking Jukebox information

To "Scroll Select", use the Scroller to scroll to the option you want, and select the option by pressing the Scroller. For more information, refer to "Using the Scroller" on page 1-9.

The Jukebox Information screen shows you

- the player's firmware version — so that you know if you can upgrade the firmware
- the total amount of space in your player for storing music or data
- the available space in your player for storing music or data
- the number of tracks stored in your player
- the number of albums stored in your player
- the number of playlists stored in your player

To see this screen

1. Press the MENU button.
2. Scroll Select "Jukebox Settings".
3. Scroll Select "Jukebox Information".

Configuring your player

Your player offers you many configuration options. You can:

- personalize your Jukebox, see "Personalization" on page 2-11.
- specify power settings, see "Power Settings" on page 2-11.
- set the default language, see "Language" on page 2-12.

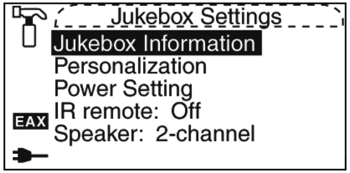
You can also change your startup screen.

See Creative PlayCenter's Online Help for information on how to change your startup screen.

To configure your player:

1. Press the MENU button.
2. Scroll Select "Jukebox Settings".

3. Scroll Select an option from the menu that appears:

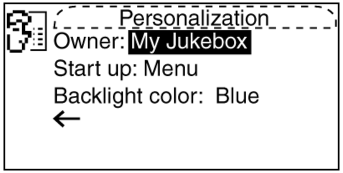


Jukebox Settings
Jukebox Information
Personalization
Power Setting
IR remote: Off
Speaker: 2-channel

Go to the relevant section in the pages that follow.

Personalization

To construct a name, Scroll Select the letters and numbers to form the name. Each letter and number selected is entered into the entry area.



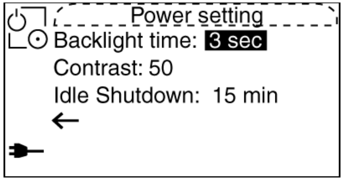
Personalization
Owner: My Jukebox
Start up: Menu
Backlight color: Blue

In this screen you can:

- set the owner’s name
- specify the default start screen
- set the default backlight color, Blue or Green
- return to the previous screen

1. From the Jukebox Settings screen, Scroll Select "Personalization".
2. Scroll Select one of the options.
3. From the menu, Scroll Select a setting or construct a name.

Power Settings



Power setting
Backlight time: 3 sec
Contrast: 50
Idle Shutdown: 15 min

In this screen, you can:

- adjust the screen backlight duration. A lower number setting conserves battery power for longer playback time.
- set the contrast level for your player’s screen. The lower the number, the lower the contrast.
- specify how long the player remains inactive before it automatically shuts down.

1. From the Jukebox Settings screen, Scroll Select "Power Settings".
2. Scroll Select one of the options.
3. From the menu, Scroll Select a setting.

Language

You can change the default language used on your player’s screens and input boxes.

Menu Language

This option controls the language in which your player’s menus are displayed.

1. From the Jukebox Settings screen, Scroll Select "Menu" under "Language".
2. From the menu, Scroll Select a language.

Input Language

This option controls the language in which you input letters or characters in input boxes, for example, when you search for a track or rename a playlist.

1. From the Jukebox Settings screen, Scroll Select "Input" under "Language".
2. From the menu, Scroll Select a language.

Testing your player

Your player comes with preloaded audio.

After setting up your NOMAD Jukebox 3, you can do a test run to make sure that it is in working order.

1. Make sure that your NOMAD Jukebox 3 is properly connected to the DC adapter and DC power outlet.
2. Connect the headphones or speakers to the player.
3. Turn on the DC power.
4. Press and hold the POWER button on your player.
5. Press the PLAY button.
   You should hear some audio playing.
6. Using the Volume control buttons, adjust the volume to a comfortable level.
7. Press the FORWARD button.
   The next track in the Playing List should play.
8. Press the REVERSE button.
   You should hear the beginning of the current track.
9. Press the REVERSE button twice.
   The previous track in the Playing List should play.
10. Press and hold the FORWARD button.
    You should be skipping forward to other portions of the current track.
11. Press and hold the REVERSE button.
    You should be skipping backward to previous portions of the current track.
12. Press the PAUSE button.
    The audio playback should be paused.
13. Press the PLAY button again to continue playback.
14. Press the STOP button.

This ends the test run. You can now download and enjoy songs on your player. Have fun!

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NOMAD
JUKEBOX 3

3

Using Your Player

Using Your Player

After setting up your player, you can use it to play, manage, enhance and record audio.

Instructions on how to perform these functions are provided in the following sections:

- "Playing Audio" on page 3-2
- "Managing Audio" on page 3-4
- "Enhancing Audio" on page 3-17
- "Recording Audio" on page 3-23

The software in your player that allows you to perform these functions is called the *firmware* and is visually represented on the screen displays. The firmware can be used together with the supplied applications, described in "Using Applications" on page 4-1.

Navigational icons have been created to help you identify the different firmware sections. These icons appear on your display when you navigate to the associated firmware section. A useful table of these, and other icons that appear onscreen, is available for reference in "Navigational Icons" on page B-10.

When instructed to Scroll Select, use the Scroller to scroll to the option you want, and select the option by pressing the Scroller. For more information, refer to "Using the Scroller" on page 1-9.

Move back to previous firmware screens or cancel operations by pressing the BACK button or Scroll Selecting the Back arrow, which appears at the bottom of screens and lists.

Playing Audio

Buttons you can use while playing audio are listed in "Player Buttons" on page 1-4. The associated icons that appear onscreen ("Playback Icons") when these buttons are used are described in "Playing List Icons" on page B-8, along with a table of Playing List icons.

To play audio, you must first transfer audio tracks in supported formats to your player. These tracks, in MP3, WMA or WAV file formats, are also played back in your player as "tracks" but may be further categorized into "albums", "artists" or "genres".

Audio tracks can be "ripped" from audio CDs to your computer or downloaded from Internet music sites such as those listed in "Where to get MP3 files" on page B-2. They must, however, be encoded into the supported formats, then transferred to your player with the Creative PlayCenter application.

Basic instructions on how to use PlayCenter are provided in "Using PlayCenter" on page 4-2.

Data files can also be transferred and stored in your player, useful if, for example, you want to transfer a large movie file from one computer to another. Data can be transferred to your player with the Creative File Manager application, which is a dedicated data file manager for your player.

Basic audio playback

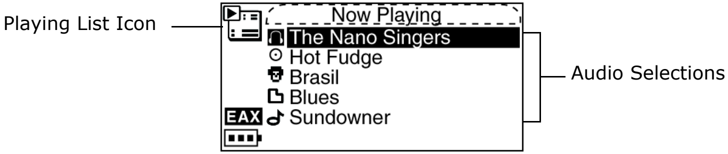
To play audio in the Playing List one track at a time, enable the "Play Track Once" mode, as instructed in "Playing a track once" on page 3-20.

To play audio, you can either add audio selections from the NOMAD Jukebox 3's Music Library to the player's Playing List as described in "Adding audio selections to the Playing List" on page 3-6, then play back the entire Playing List, or you can preview individual tracks directly from the Music Library.

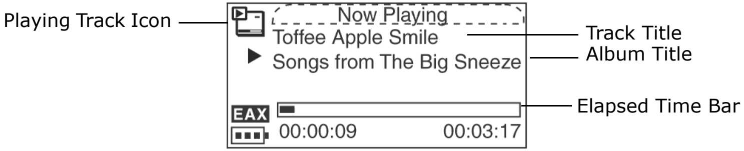
Audio selections have been preloaded to the Playing List to get you started quickly.

To play the Playing List: *Press the PLAY button ▶/II . The Play icon ▶ appears onscreen and the Playing List is played back, from the first track to the last.*

Note: The Playing List screen is not automatically displayed when you play a track. To access it, press the NOW PLAYING button . The upper-left corner of the screen will display the Playing List icon.

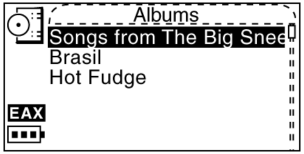


Pressing the NOW PLAYING button again will display the Playing Track screen, which shows the track that is being played back or the track that has been selected. The upper-left corner of the screen will display the Playing Track icon.


Playing Track Icon
Now Playing
Toffee Apple Smile
Songs from The Big Sneeze
EAX
00:00:09
00:03:17
Track Title
Album Title
Elapsed Time Bar

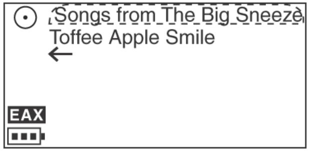
To preview a track

1. Press the MENU button .
2. Scroll Select "Music Library".
3. Scroll Select an audio category. For example, if you want to preview a track in a particular album, Scroll Select "Albums".


Albums
Songs from The Big Snee
Brasil
Hot Fudge
EAX

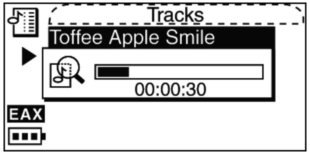
Note: If Scroll Selecting "All Tracks" or "Recordings", skip to Step 6.

4. Scroll Select the sub-category that the track is categorized under. For example, if you selected "Albums", Scroll Select the album where your track is in. A list appears.
5. Scroll Select "Open". The tracks within the sub-category appear.


Songs from The Big Sneeze
Toffee Apple Smile
EAX

6. Scroll Select the track you want to preview. A list appears.

7. Scroll Select "Preview". The track is previewed once.



Managing Audio

To effectively manage the audio in your player, you should be familiar with the Music Library, Playing List and Playlists. These will be described extensively in the following sections:

- "Using the Music Library" on page 3-4
- "Using the Playing List" on page 3-10
- "Using Playlists" on page 3-16

Using the Music Library

When audio tracks are transferred to your player, they are organized into the following Music Library categories:

- Playlists
- Albums
- Artists
- Genres
- All Tracks, and
- Recordings

All transferred tracks can be found in the "All Tracks" category, but depending on your PlayCenter settings, tracks can also be found in other categories. For example, take a fictitious track called "Toffee Apple Smile", performed by "The Nano Singers", from the soundtrack to the "The Big Sneeze" movie. Besides "All Tracks", the "Toffee Apple Smile" song would also be found in the "Soundtrack" genre, the "Songs from The Big Sneeze" album, and the "The Nano Singers" artist category.

Tracks not belonging to any album, artist or genre, can only be found in “All Tracks”.

Recordings made with your player automatically become "tracks" and can be found in "All Tracks" as well as the "Recordings" category. For the instructions that follow, recordings will be known as "tracks".

Besides previewing tracks described earlier, you can also use the Music Library to:

- Add audio selections to the Playing List
- Find tracks, playlists, albums, artists or genres in your player
- View track information
- Delete tracks, playlists, albums, artists or genres in your player

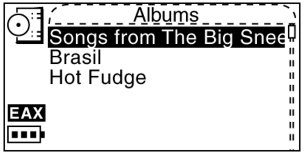
Note that modifying or renaming albums, artists or genres, including renaming, must be done in Creative PlayCenter. Playlists can also be renamed in the player, as described in "Using Playlists" on page 3-16.

Exploring the Music Library

In the following example, we will show you how to find a track by navigating through your Music Library. A quicker way of finding audio in your player is to use the Find feature, described in "To find audio with the "Find" feature" on page 3-7.

To find a track in the Music Library

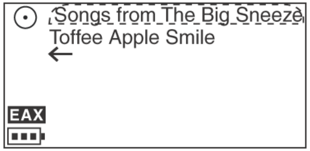
1. Press the MENU button MENU .
2. Scroll Select "Music Library".
3. Scroll Select an audio category. For example, if you want to find a track in a particular album, Scroll Select "Albums".



Note: If Scroll Selecting "All Tracks" or "Recordings", skip to Step 5.

4. Scroll Select the sub-category. For example, under Albums, Scroll Select an album. A list appears.

5. Scroll Select “Open”. The tracks within the sub-category appear.


Songs from The Big Sneeze
Toffee Apple Smile
←
EAX

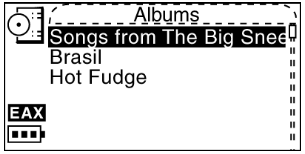
Adding audio selections to the Playing List

When a playlist is added to the Playing List, only the selections within that playlist are added. The playlist itself is not added.

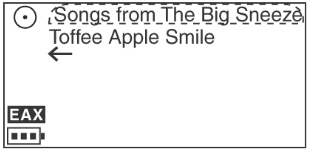
Audio selections from the Music Library can either be added sequentially after selections already in the Playing List ("Add to Play") or placed at the front of the Playing List for immediate playback ("Play Now").

To add audio selections

1. Press the MENU button MENU .
2. Scroll Select "Music Library".
3. Scroll Select an audio category. For example, if you want to add a track in a particular album, Scroll Select "Albums".


Albums
Songs from The Big Snee
Brasil
Hot Fudge
EAX

4. Scroll Select the sub-category. For example, under Albums, Scroll Select an album. A list appears.
   Note: If adding an entire album, artist, genre or playlist, skip to step 6.
5. Scroll Select “Open”. The tracks within the sub-category appear.


Songs from The Big Sneeze
Toffee Apple Smile
←
EAX

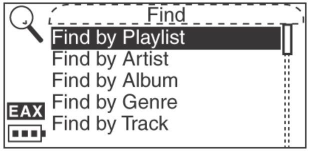
6. Scroll Select “Add to Play” to add the audio selection to the back of the Playing List. Scroll Select "Play Now" or press the Play button ▶/II to add the selection to the front of the Playing List and immediately play it back.

Finding audio

Finding your favorite song or album in the Music Library has been made easy with your player's "Find" feature.

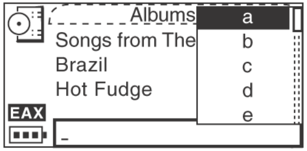
To find audio with the "Find" feature

1. Press the FIND button 🔍. If you are not already exploring the Music Library, the Find screen appears.



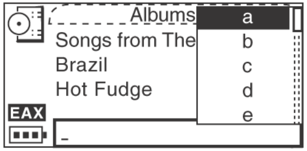
Find
Find by Playlist
Find by Artist
Find by Album
Find by Genre
Find by Track
EAX

If you press the FIND button when exploring the Music Library, a list appears above the audio category you are in; skip to step 3.



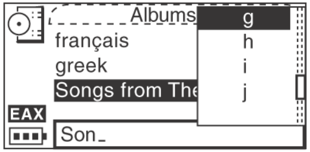
Albums
Songs from The
Brazil
Hot Fudge
EAX
a
b
c
d
e
_

2. Scroll Select the audio category you want to search. For example, if you want to find a particular album, Scroll Select "Find by Album" and the respective audio category screen, in this case the Albums screen, appears with a list.



Albums
Songs from The
Brazil
Hot Fudge
EAX
a
b
c
d
e
_

3. Scroll Select the letters on the list to form the name of the track, playlist, album, artist or genre you want to find. The selected letters appear in the box at the bottom of the screen. Also, each time an entry is made into the box, the audio category you are in is searched, and the closest matching result is displayed.



Note: When entering letters into the box, you can switch from upper to lower case (or vice-versa) by simply Scroll Selecting the letter and holding the Scroller until the letter changes to the case you want. You can also use different character sets, such as accented characters or numerals, by Scroll Selecting the "Charset" option on the list.

4. When you see the track, playlist, album, artist or genre you want, Scroll Select the "OK" option to complete the search.

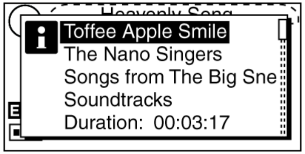
Viewing track information

Detailed information about tracks in the Music Library is readily available. This includes track title, the artist, album and genre that the track belongs to, as well as track length.

This same information is already available in the Playing List. See "To view information about tracks in the Playing List" on page 3-12.

To view information about tracks in the Music Library

1. Follow steps 1 through 5 in "To find a track in the Music Library" on page 3-5.
2. Scroll Select the track you want information on. A list appears.
3. Scroll Select “Track Details”. A message box appears, listing track information.



Toffee Apple Smile
The Nano Singers
Songs from The Big Sne
Soundtracks
Duration: 00:03:17

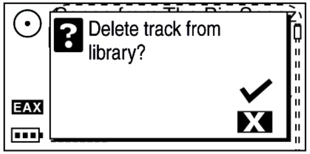
Deleting audio

When you remove audio from the Playing List, as described later in "Removing audio" on page 3-12, you are not permanently deleting the selections from your player.

To permanently delete tracks, albums, artists, genres or playlists, you must remove them from the Music Library in your NOMAD Jukebox 3.

To delete a track

1. Follow steps 1 through 5 in "To find a track in the Music Library" on page 3-5.
2. Scroll Select the track to delete. A list appears.
3. Scroll Select "Delete Track". A confirmation box appears, asking you if you want to delete the selected track.



Delete track from library?

✓

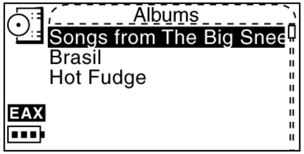
X

4. Scroll Select the check mark. The track is permanently deleted from your player.

When a playlist is deleted, the tracks, albums, artists or genres within the list are not deleted; only the list itself is deleted.

To delete an entire album, artist, genre or playlist

1. Press the MENU button MENU .
2. Scroll Select “Music Library”.
3. Scroll Select an audio category. For example, if you want to delete a particular album, Scroll Select "Albums".



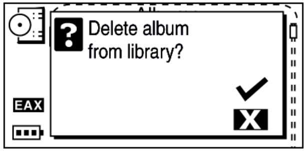
Albums

Songs from The Big Snee

Brasil

Hot Fudge

4. Scroll Select the sub-category. For example, under Albums, Scroll Select the album you want to delete. A list appears.
5. Depending on what you are deleting, Scroll Select “Delete Album”, "Delete Artist", "Delete Genre" or "Delete Playlist". A confirmation box appears, asking you if you want to delete the selected album, artist, genre or playlist.



Delete album from library?

6. Scroll Select the check mark. The album, artist, genre or playlist is permanently deleted from your player.

Using the Playing List

You can do more than play audio selections in the Playing List. You can:

- View audio in the Playing List
- View information about tracks in the Playing List
- Remove audio
- Rearrange the Playing List
- Save the Playing List as a playlist

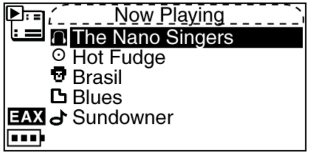
Viewing audio in the Playing List

When a playlist is added to the Playing List, only the audio selections within that playlist are added; the playlist itself is not added. However, when entire albums, artists or genres are added to the Playing List, the tracks within them are hidden (or "collapsed"). To see these tracks, you must "Expand" the album, artist or genre.

Similarly, to hide these tracks, you should "Collapse" the album, artist or genre. This can be useful in reducing screen clutter.

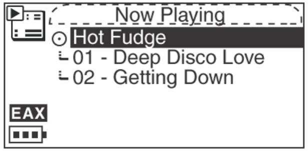
To expand an album, artist or genre

1. Press the NOW PLAYING button until the Playing List screen appears.



Now Playing
The Nano Singers
Hot Fudge
Brasil
Blues
Sundowner

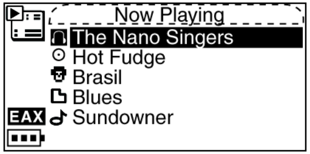
2. Scroll Select the album, artist or genre to expand. A list appears.
3. Scroll Select “Expand”. The tracks in the selection appear beneath the album, artist or genre.



Now Playing
Hot Fudge
01 - Deep Disco Love
02 - Getting Down

To collapse an album, artist or genre

1. Press the NOW PLAYING button until the Playing List screen appears.



Now Playing
The Nano Singers
Hot Fudge
Brasil
Blues
Sundowner

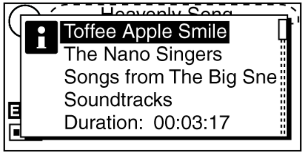
2. Scroll Select the expanded album, artist or genre. A list appears.
3. Scroll Select “Collapse”. Tracks within the formerly expanded album, artist or genre are hidden.

Viewing track information

Information about tracks in the Playing List can be easily accessed and viewed. The information provided is identical to that described in "To view information about tracks in the Music Library" on page 3-8.

To view information about tracks in the Playing List

1. Press the NOW PLAYING button . Track information can be viewed in either the Playing List or Playing Track screen.
2. In the Playing List screen, Scroll Select the track that you want to view information about.
   In the Playing Track screen, press the Scroller.
   In either case, a list appears.
3. Scroll Select “Track Details”. A message box appears, listing track information.



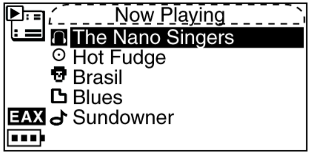
Toffee Apple Smile
The Nano Singers
Songs from The Big Sne
Soundtracks
Duration: 00:03:17

Removing audio

When tracks, albums, artists or genres are removed from your player’s Playing List, they are only removed from the Playing List—audio still remains in the Music Library. To delete audio completely, tracks, albums, artists or genres must be deleted from the Music Library as shown in "Deleting audio" on page 3-9.

To remove a track, album, artist or genre from the Playing List

1. Press the NOW PLAYING button until the Playing List screen appears.



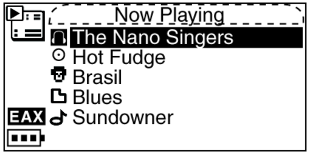
Now Playing
The Nano Singers
Hot Fudge
Brasil
Blues
Sundowner

2. Scroll Select the track, album, artist or genre to remove from the Playing List. A list appears.
3. Scroll Select “Remove”. A confirmation box appears if you have selected to remove an album, artist or genre from the Playing List; skip to Step 4.
   If you have selected to remove a track, it is removed from the Playing List.

4. Scroll Select "Yes". The track, album, artist or genre is removed from the Playing List.

To remove all audio from the Playing List

1. Press the NOW PLAYING button until the Playing List screen appears.



Now Playing

The Nano Singers

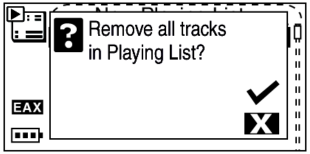
Hot Fudge

Brasil

Blues

Sundowner

2. Scroll Select any track, album, artist or genre in the Playing List. A list appears.
3. Scroll Select “Remove All”. A confirmation box appears, asking you if you want to remove all tracks in the Playing List.



Remove all tracks in Playing List?

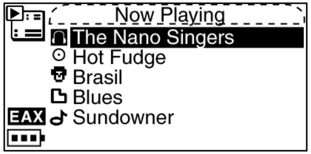
4. Scroll Select the check mark. All audio selections are removed from the Playing List.

Rearranging the Playing List

If you prefer to hear, for example, a particular album before another in the Playing List, you can rearrange the album as well as any other artist, genre or individual track in the Playing List.

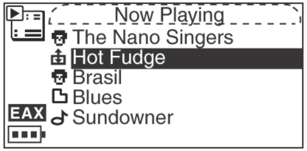
To rearrange audio in the Playing List

1. Press the NOW PLAYING button until the Playing List screen appears.



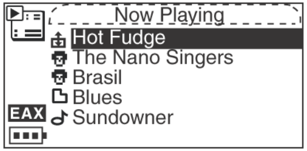
Now Playing
The Nano Singers
Hot Fudge
Brasil
Blues
Sundowner

2. Scroll Select the album, artist, genre or individual track to move. A list appears.
3. Scroll Select “Change Order”. An icon appears next to the selected album, artist, genre or individual track.



Now Playing
The Nano Singers
Hot Fudge
Brasil
Blues
Sundowner

4. Using the Scroller, move the album, artist, genre or individual track to the preferred position in the Playing List.



Now Playing
Hot Fudge
The Nano Singers
Brasil
Blues
Sundowner

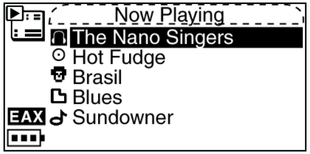
5. Press the Scroller to set the position you have selected.

Saving the Playing List as a playlist

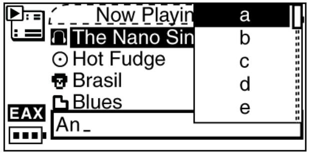
If you like the contents and arrangement of your current Playing List, you can choose to save it as a playlist for retrieval and playback later.

To save a playlist

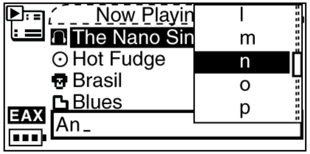
1. Press the NOW PLAYING button until the Playing List screen appears.


Now Playing
The Nano Singers
Hot Fudge
Brasil
Blues
Sundowner
EAX

2. Scroll Select any item in the Playing List. A list appears.
3. Scroll Select “Save as Playlist”. A list appears.


Now Playin
The Nano Sin
Hot Fudge
Brasil
Blues
a
b
c
d
e
EAX
An_

4. Scroll Select the letters on the list to form a name for your playlist. This name appears in the box at the bottom of the screen.


Now Playin
The Nano Sin
Hot Fudge
Brasil
Blues
l
m
n
o
p
EAX
An_

Note: When entering letters into the box, you can switch from upper to lower case (or vice-versa) by simply Scroll Selecting the letter and holding the Scroller until the letter changes to the case you want. You can also use different character sets, such as accented characters or numerals, by Scroll Selecting the "Charset" option on the list.

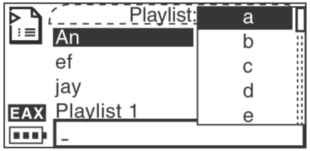
5. Scroll Select the "OK" option to save the playlist with the name you have entered.

Using Playlists

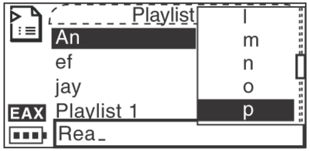
As described earlier, a playlist is a Playing List which has been saved. Editing of playlists, such as rearranging content, should be done in Creative PlayCenter. However, you can rename playlists in your player.

To rename a playlist

1. Press the MENU button MENU .
2. Scroll Select “Music Library”.
3. Scroll Select “Playlists”.
4. Scroll Select the playlist to rename. A list appears.
5. Scroll Select “Rename”. A list appears.



6. Scroll Select the letters on the list to form your playlist’s new name, which appears in the box at the bottom of the screen.



Note: When entering letters into the box, you can switch from upper to lower case (or vice-versa) by simply Scroll Selecting the letter and holding the Scroller until the letter changes to the case you want. You can also use different character sets, such as accented characters or numerals, by Scroll Selecting the "Charset" option on the list.

7. Scroll Select the "OK" option to save the playlist with the new name you have entered.

Enhancing Audio

A reference table of Audio Enhancement icons appear in "Audio Enhancement Icons" on page B-9.

You can enhance your listening experience when playing the Playing List by applying Play Mode, EAX, or both at the same time. If you are previewing a track, you will only be able to use EAX to enhance listening. Play Modes and EAX are described in the following sections:

- "Using Play Modes" on page 3-17
- "Using EAX" on page 3-22

Using Play Modes

Your player has Play Modes that allow you to change how your Playing List is played back. When a Play Mode is enabled, you can:

- Repeat audio as shown on page 3-17
- Shuffle audio as shown on page 3-18
- Bookmark audio as shown on page 3-19
- Play an audio track once as shown on page 3-20

Play Modes are disabled by enabling the “Normal” mode as described in "Disabling Play Modes" on page 4-26.

Note: In the next few pages, we will assume that you are playing a track. If you select a Play Mode when not playing a track, the Play Mode icon appears but the mode itself is activated only when playback resumes.

Repeating audio

You can choose to repeat a track or repeat the whole Playing List.

To repeat a track in the Playing List

1. Press the NOW PLAYING button until the Playing List screen appears. **Note:** If you are in the Playing Track screen, press the Scroller and skip to step 4.
2. Scroll Select the currently playing track. A list appears.
3. Scroll Select "Play Mode...". A list appears.

4. Scroll Select “Repeat Track”. The Repeat Track icon appears onscreen and the track is repeated continuously until you stop it.

If there is only one track in the Playing List when "Repeat All" is enabled, that track will be repeated continuously.

To repeat the whole Playing List

1. Press the NOW PLAYING button until the Playing List screen appears. **Note:** If you are in the Playing Track screen, press the Scroller and skip to step 4.
2. Scroll Select any selection in the Playing List. A list appears.
3. Scroll Select "Play Mode...". A list appears.
4. Scroll Select “Repeat All”. The Repeat All icon appears onscreen and the Playing List is repeated continuously until you stop it.

Shuffling audio

The Shuffle Play Mode can be used once (“Shuffle”) or continuously (“Shuffle Repeat”).

To Shuffle the Playing List once

1. Press the NOW PLAYING button until the Playing List screen appears. **Note:** If you are in the Playing Track screen, press the Scroller and skip to step 3.
2. Scroll Select any selection in the Playing List. A list appears.
3. Scroll Select "Play Mode...". A list appears.
4. Scroll Select “Shuffle”. The Shuffle icon appears onscreen and a track is selected at random and played back. The Playing List stops playing once the track ends.

If there is only one track in the Playing List when "Shuffle Repeat" is enabled, that track will be repeated continuously.

To Shuffle Repeat the Playing List continuously

1. Press the NOW PLAYING button until the Playing List screen appears. **Note:** If you are in the Playing Track screen, press the Scroller and skip to step 3.
2. Scroll Select any selection in the Playing List. A list appears.

3. Scroll Select "Play Mode...". A list appears.
4. Scroll Select “Shuffle Repeat”. The Shuffle Repeat icon appears onscreen and tracks are selected at random and played back continuously until you stop playback.

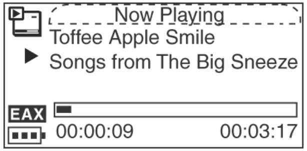
Bookmarking a track

Bookmarking a track sets a playback point—you can jump to this point whenever you play the bookmarked track. This is useful if, for example, you want to bookmark an audio book.

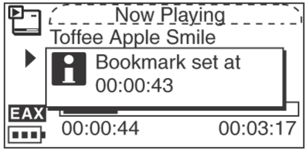
A track can only be bookmarked once; setting a new bookmark will automatically remove any previous bookmark in the track.

To bookmark a track

1. Press the NOW PLAYING button until the Playing Track screen appears.


Now Playing
Toffee Apple Smile
Songs from The Big Sneeze
EAX
00:00:09
00:03:17

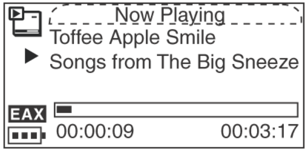
2. Press the Scroller. A list appears.
3. Scroll Select “Set Bookmark” at the point where you want to set the bookmark. A message box appears, telling you that the bookmark has been set at the selected point.


Now Playing
Toffee Apple Smile
EAX
00:00:44
00:03:17

Bookmark set at
00:00:43

To play the track from the bookmarked point

1. Press the NOW PLAYING button until the Playing Track screen appears.

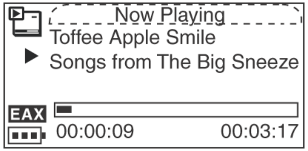


Now Playing
Toffee Apple Smile
Songs from The Big Sneeze
EAX
00:00:09 00:03:17

2. Press the Scroller. A list appears.
3. Scroll Select “Go to Bookmark”. The track plays from the bookmarked point.

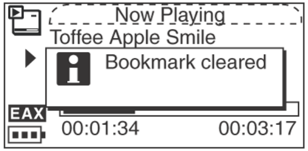
To remove a bookmark

1. Press the NOW PLAYING button until the Playing Track screen appears.



Now Playing
Toffee Apple Smile
Songs from The Big Sneeze
EAX
00:00:09 00:03:17

2. Press the Scroller. A list appears.
3. Scroll Select “Clear Bookmark”. A message box appears, telling you that the bookmark has been cleared.



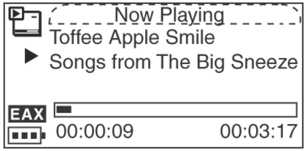
Now Playing
Toffee Apple Smile
Bookmark cleared
EAX
00:01:34 00:03:17

Playing a track once

When the Playing List is played normally, each track in the Playing List is played, from the first track to the last. However, when the Track Once Play Mode is enabled, playback stops once the current track ends.

To play a track once

1. Press the NOW PLAYING button until the Playing Track screen appears.



Now Playing
Toffee Apple Smile
Songs from The Big Sneeze
EAX
00:00:09 00:03:17

2. Press the Scroller. A list appears.
3. Scroll Select “Track Once”. The Track Once icon ×1 appears onscreen. The Playing List stops playing back once the track ends.

Disabling Play Modes

Once the "Normal" mode is enabled, each track in the Playing List is played, from the first track to the last.

1. Press the NOW PLAYING button until the Playing List screen appears. **Note:** If you are in the Playing Track screen, press the Scroller and skip to step 4.
2. Scroll Select any selection in the Playing List. A list appears.
3. Scroll Select "Play Mode...". A list appears.
4. Scroll Select “Normal”. The Playing List plays back normally.

Using EAX

General information about EAX is available in "About EAX" on page B-2, while information about specific EAX settings can be found in "Useful terms to know" on page A-1.

Besides Play Modes, your player also allows you to enhance your listening experience with EAX technologies formerly available only with Creative's Sound Blaster Live! and Audigy audio cards. EAX technologies (or "Settings") available in your player include:

- Smart Volume Management (SVM), which intelligently controls the dynamic range of audio, providing a superior audio experience in difficult listening environments such as in a plane or car.
- Time Scaling, which allows you to speed up or slow down audio without changing pitch or distorting sound quality.
- Environment, a collection of presets that allows you to experience audio in the virtual environment of your choice, such as in a Concert Hall or Cathedral.
- Advanced EQ, a collection of equalizer settings which can enhance audio of a particular genre. Listen to the difference when you select "Jazz" in a jazz recording.
- Spatialization, which enhances your audio soundstage, useful if, for example, you are listening to audio with headphones.

To use EAX with your currently playing audio:

1. Select an EAX setting.
2. Select a preset, rate or mode to use with the selected EAX setting.
3. Turn on EAX.

This simple process is described in the following instructions.

To select an EAX setting

1. Press the EAX button EAX .
2. Scroll Select "Setting:X" (where X represents the EAX setting currently selected). A list appears.
3. Scroll Select the EAX setting you want.

To select a preset, rate or mode for use with your EAX setting

1. If you are not already in the EAX screen, press the EAX button EAX .

2. Scroll Select "Preset:X", "Rate:X" or "Mode:X" (where X represents the preset, rate or mode currently selected). A list appears.
3. Scroll Select the preset, rate or mode you want to use with your EAX setting.

To turn on EAX

1. If you are not already in the EAX screen, press the EAX button EAX .
2. Scroll Select "EAX:Off". The EAX active icon EAX appears onscreen and is applied immediately to the audio being played.
   Note: If you have connected a Wired Remote to your player, you can also turn on EAX by pressing the EAX button on the remote.

Recording Audio

Another great NOMAD Jukebox 3 feature is its ability to record audio. Recorded audio is encoded directly into the file format (WAV or MP3) and bitrate (quality) of your choice.

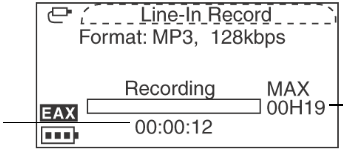
You can record from:

- A digital/optical line-in source ("Optical Recording") such as a DVD or MiniDisc player, for superior audio quality.
- An analog line-in source ("Line-in Recording") with stereo output such as your CD player, VCR or home hi-fi system, for good audio quality.
- The microphone on your optional Wired Remote or FM Wired Remote ("Wired Remote Recording") for lower quality recordings. Useful for recording important interviews on the move.

When recording, note that the available recording time is determined by:

- Available hard disk space in your player.
- File format and bitrate selected for recording.
- Battery power remaining in your player.

When recording, you will see a bar showing you the time available for recording. You will also see another bar showing you the elapsed recording time.



Line-In Record
Format: MP3, 128kbps
Recording MAX
00H19
EAX
00:00:12

Elapsed Recording Time

Maximum Time Available For Recording

See "About MP3" on page B-1 for more details on the appropriate file format and bitrate to use for your recordings.

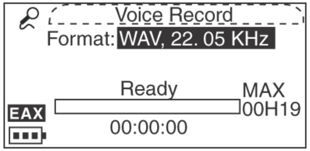
Wired Remote microphone recording

You can make Wired Remote microphone recordings with either a Wired Remote or FM Wired Remote. Both have built-in microphones.

To pause or resume recording, press the Pause button.

To make a Wired Remote microphone recording

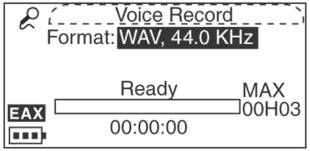
1. Connect the Wired Remote or FM Wired Remote to your player as described in the documentation accompanying the Wired Remote or FM Wired Remote respectively.
2. Press the MENU button MENU .
3. Scroll Select “W.Remote Recording”. The Voice Record screen appears.



Voice Record
Format: WAV, 22. 05 KHz
Ready MAX
00H19
EAX
00:00:00

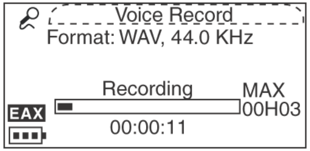
Note: You can also quickly access the Voice Record screen by pressing and holding the EAX button on the Wired Remote or FM Wired Remote.

4. Press the Scroller. A list appears.
5. Scroll Select the file format and bitrate you want to use for this recording. The selected file format appears onscreen.



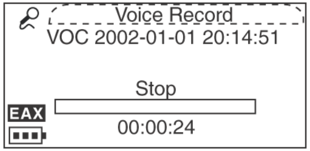
Voice Record
Format: WAV, 44.0 KHz
Ready MAX
00H03
EAX
00:00:00

6. When you are ready to record, press and hold the RECORD button ▶/II until the "Recording" message appears onscreen.



Voice Record
Format: WAV, 44.0 KHz
Recording
MAX
00H03
EAX
00:00:11

7. Press the STOP button ■ to end the recording. A name is automatically assigned to your recording and it is saved to the Recordings audio category in your Music Library. The naming convention typically used is: "VOC [Current Date] [Current Time]". For example:



Voice Record
VOC 2002-01-01 20:14:51
Stop
EAX
00:00:24

At this point, you can:

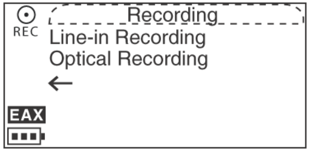
- Start a new recording by pressing the Scroller, then Scroll Selecting "New Recording" and repeating instructions from step 1 above.
- Delete the saved recording by pressing the Scroller and Scroll Selecting "Delete Recording". The recording is permanently deleted from the Recordings category in the Music Library.
- Preview the saved recording by pressing the Scroller and Scroll Selecting "Preview".

Analog line-in recording

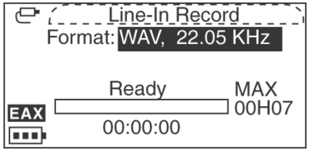
To pause or resume recording, press the PAUSE button.

To make an analog line-in recording

1. Connect the analog line-in source to your player as described in the documentation accompanying the line-in device.
2. Press the MENU button MENU .
3. Scroll Select “Line-in Recording”. The Recording screen appears.

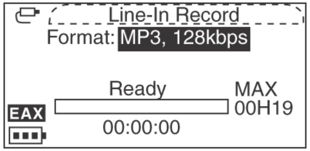


4. Scroll Select "Line-in Recording". The Line-In Record screen appears.



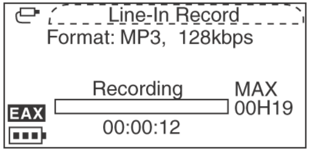
Line-In Record
Format: WAV, 22.05 KHz
Ready
MAX
00H07
00:00:00

5. Press the Scroller. A list appears.
6. Scroll Select the file format and bitrate you want to use for this recording. The selected file format appears onscreen.



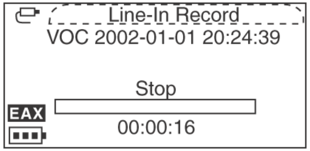
Line-In Record
Format: MP3, 128kbps
Ready
MAX
00H19
00:00:00

7. When the analog line-in source is ready, press and hold the RECORD button ▶/II until the "Recording" message appears onscreen.



Line-In Record
Format: MP3, 128kbps
Recording MAX
00H19
EAX
00:00:12

8. Press the STOP button ■ to end the recording. A name is automatically assigned to your recording and it is saved to the Recordings audio category in your Music Library. The naming convention typically used is: "VOC [Current Date] [Current Time]". For example:



Line-In Record
VOC 2002-01-01 20:24:39
Stop
EAX
00:00:16

At this point, you can:

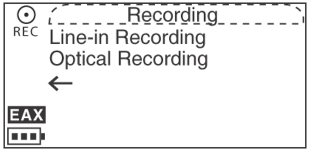
- Start a new recording by pressing the Scroller, then Scroll Selecting "New Recording" and repeating instructions from step 1 above.
- Delete the saved recording by pressing the Scroller and Scroll Selecting "Delete Recording". The recording is permanently deleted from the Recordings category in the Music Library.
- Preview the saved recording by pressing the Scroller and Scroll Selecting "Preview".

Digital/optical line-in recording

To pause or resume recording, press the PAUSE button.

To make a digital/optical line-in recording

1. Connect the digital/optical line-in source to your player as described in the documentation accompanying the line-in device.
2. Press the MENU button MENU .
3. Scroll Select “Line-in Recording”. The Recording screen appears.



REC

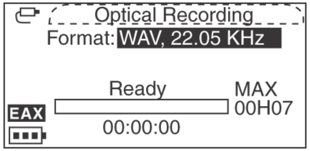
Recording

Line-in Recording

Optical Recording

EAX

4. Scroll Select "Optical Recording". The Optical Recording screen appears.



Optical Recording

Format: WAV, 22.05 KHz

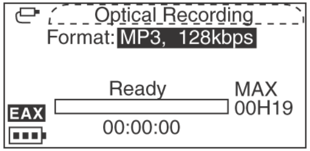
Ready

MAX 00H07

00:00:00

EAX

5. Press the Scroller. A list appears.
6. Scroll Select the file format and bitrate you want to use for this recording. The selected file format appears onscreen.



Optical Recording

Format: MP3, 128kbps

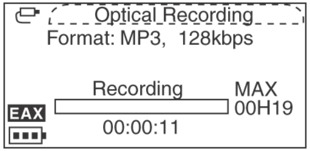
Ready

MAX 00H19

00:00:00

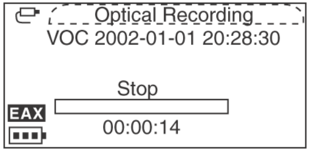
EAX

7. When the digital/optical line-in source is ready, press and hold the RECORD button ▶/II until the "Recording" message appears onscreen.



Optical Recording
Format: MP3, 128kbps
Recording
MAX
00H19
EAX
00:00:11

8. Press the STOP button ■ to end the recording. A name is automatically assigned to your recording and it is saved to the Recordings audio category in your Music Library. The naming convention typically used is: "VOC [Current Date] [Current Time]". For example:



Optical Recording
VOC 2002-01-01 20:28:30
Stop
EAX
00:00:14

At this point, you can:

- Start a new recording by pressing the Scroller, then Scroll Selecting "New Recording" and repeating instructions from step 1 above.
- Delete the saved recording by pressing the Scroller and Scroll Selecting "Delete Recording". The recording is permanently deleted from the Recordings category in the Music Library.
- Preview the saved recording by pressing the Scroller and Scroll Selecting "Preview".

CREATIVE
NOMAD
JUKEBOX 3

4

Using Applications

Using Applications

Creative PlayCenter, Creative File Manager, and other useful software, are included on your installation CD (see "Installing Software" on page 2-5).

Creative PlayCenter is the best way to organize and transfer audio to and from your player. This chapter includes basic instructions on using PlayCenter to rip audio CDs, transfer tracks by manual selection or with AudioSync, edit track information as well as to create and edit playlists.

Click here to see PlayCenter’s Online Help file.

Creative File Manager is a dedicated data file manager for storing and organizing Net downloads, videos, images or any sort of data file on your player. This chapter includes basic instructions on using File Manager to transfer data files.

Click here to see Creative File Manager’s Help file.

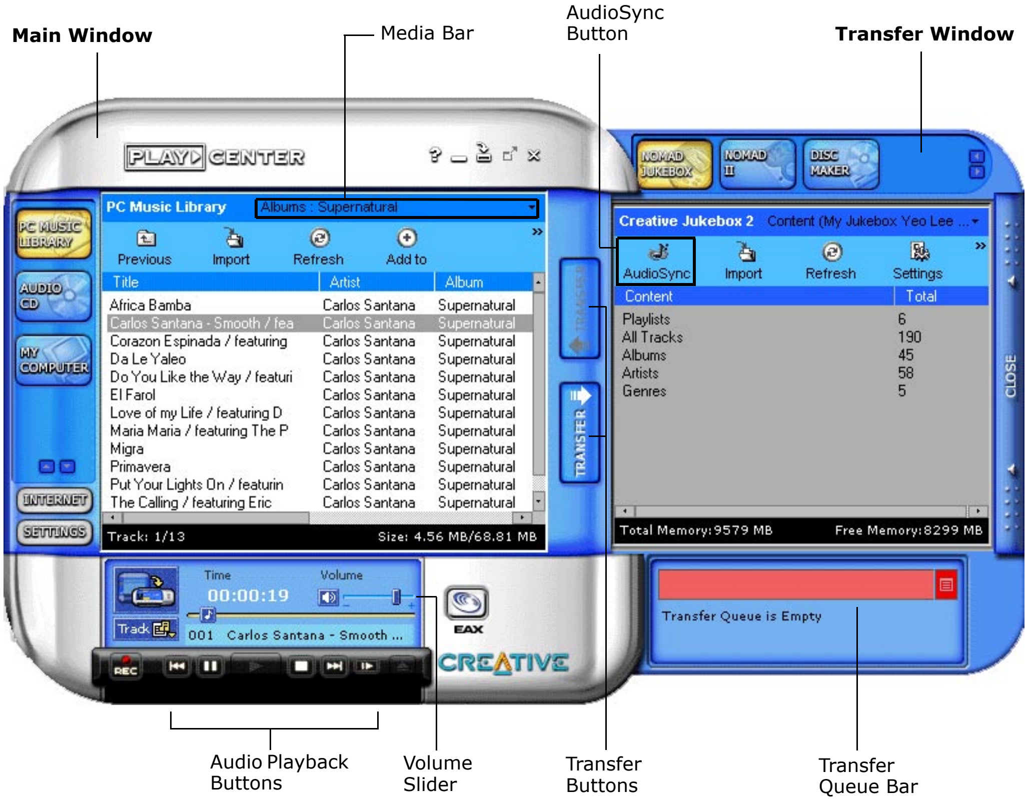
Using PlayCenter

Only basic instructions on how to use PlayCenter with your player are provided in this chapter—extensive instructions are found in the PlayCenter Help file.

An overview of the PlayCenter interface is provided below:

After PlayCenter is installed, it stores all transferred or ripped audio tracks into a default folder. You can change the location of this folder or default folder name in PlayCenter settings. See the PlayCenter's Help file for details.

To import existing audio tracks in your PC to the PC Music Library, click the PC MUSIC LIBRARY button in PlayCenter's Main Window, then click "Auto Scan" on the Toolbar.


Main Window
Media Bar
AudioSync Button
Transfer Window
PLAY CENTER
PC MUSIC LIBRARY
AUDIO CD
MY COMPUTER
INTERNET
SETTINGS
PC Music Library
Albums : Supernatural
Previous
Import
Refresh
Add to
TRANSFER
NOMAD JUKEBOX
NOMAD II
DISC MAKER
AudioSync
Import
Refresh
Settings
CLOSE
Time
Volume
Track
REC
EAX
CREATIVE
Audio Playback Buttons
Volume Slider
Transfer Buttons
Transfer Queue Bar

Title	Artist	Album
Africa Bamba	Carlos Santana	Supernatural
Carlos Santana - Smooth / fea	Carlos Santana	Supernatural
Corazon Espinada / featuring	Carlos Santana	Supernatural
Da Le Yaleo	Carlos Santana	Supernatural
Do You Like the Way / featuri	Carlos Santana	Supernatural
El Farol	Carlos Santana	Supernatural
Love of my Life / featuring D	Carlos Santana	Supernatural
Maria Maria / featuring The P	Carlos Santana	Supernatural
Migra	Carlos Santana	Supernatural
Primavera	Carlos Santana	Supernatural
Put Your Lights On / featurin	Carlos Santana	Supernatural
The Calling / featuring Eric	Carlos Santana	Supernatural

Track: 1/13 Size: 4.56 MB/68.81 MB

00:00:19

001 Carlos Santana - Smooth ...

Creative Jukebox 2 Content (My Jukebox Yeo Lee ...

Content	Total
Playlists	6
All Tracks	190
Albums	45
Artists	58
Genres	5

Total Memory:9579 MB Free Memory:8299 MB

Transfer Queue is Empty

Figure 4-1: PlayCenter Interface

Ripping tracks from an audio CD

Rather than manually entering track information, retrieve such audio CD information from CDDB before ripping tracks.

Change the default ripping format and bitrate for higher or lower quality audio.

1. Insert an audio CD into your CD-ROM drive.
   If the CD starts playing, click the STOP button. You cannot rip tracks while the CD is playing.
2. In PlayCenter's Main window, click the AUDIO CD button.
3. Click the boxes next to the tracks you want to rip.
4. To rip to your hard disk, click either the MY COMPUTER or PC MUSIC LIBRARY buttons in the Transfer window. Note that you can configure the default location for storing ripped tracks in PlayCenter Settings.
   To rip directly to your player, click the NOMAD JUKEBOX button in the Transfer window.
5. Click the RIP TO button. The Transfer Queue bar shows the ripping progress.
6. To preview the song that you have just ripped in PlayCenter, click the song title and then click "Preview" on the Toolbar.

Transferring tracks

Transfer tracks to and from you player by manually selecting the tracks for transfer or by using PlayCenter's AudioSync feature.

AudioSync is a fast and simple method for synchronizing the music libraries in your PC and NOMAD Jukebox. To customize music library synchronization, simply select the desired transfer modes and transfer options in PlayCenter Settings.

Your player must be properly connected to your computer before transferring tracks, as described in "Installing Software" on page 2-5.

To synchronize tracks in your music libraries

1. In the Main window, click the NOMAD JUKEBOX button.
2. On the Toolbar, click "AudioSync".
   PlayCenter starts the AudioSync operation.

3. A dialog box appears, showing you the default transfer mode and track comparison information.
   The information in the dialog box may take a while to appear, depending on the number of tracks being analyzed. When the comparison is complete, a summary of tracks and playlists that can be transferred for both music libraries is shown.
4. Click the CONTINUE button to proceed with the AudioSync operation or wait until the dialog box disappears.
   If you have not configured AudioSync to "Automatically transfer tracks after track comparison", you can click the CANCEL button to cancel the AudioSync operation.
5. If the music library to be updated has sufficient space for additional tracks, the Transfer Queue appears.
   The Transfer Queue disappears when the transfer is complete.
6. If the music library to be updated does not have enough space, a dialog box appears for you to select a transfer option, to reduce the size of tracks to be transferred.
   Select an option to transfer "tracks from selected genres or artists only or tracks from selected playlists only".
7. Click the OK button.
8. If you chose to "transfer tracks from selected genres or artists only", select either Genre or Artist in the Genre/Artist Selection List.
9. In the list that appears, select the required genres or artists to transfer.
   The list may take a while to appear.
   Select the required genres or artists so that the size of the "Tracks to be transferred" does not exceed the "Space Available".
10. If you chose to transfer tracks from selected playlists only, select the required playlists so that the size of the Tracks to be transferred does not exceed the Space Available.
11. Click the OK button to start the transfer.
    The Transfer Queue disappears when the transfer is complete.

To transfer specific tracks from your PC to your player

1. Turn on your player.
2. In the Transfer window, click the NOMAD JUKEBOX button.
3. In the Main window, click the PC MUSIC LIBRARY button.
   Locate the folder where your tracks are stored. Select the tracks you want to transfer to your player.
4. Click the lower TRANSFER button.
   To use your player after the transfer, disconnect your player from the computer.

To transfer specific tracks from your player to your PC

Owing to copyright limitations, preloaded tracks in your player cannot be transferred to your PC.

1. Turn on your player.
2. In the Transfer window, click the NOMAD JUKEBOX button.
   Locate and select the tracks to be transferred from your player.
3. In the Main window, click the PC MUSIC LIBRARY button.
   Locate the folder or album for storing the tracks.
4. Click the upper TRANSFER button.
   To use your player after the transfer, disconnect your player from the computer.

Editing audio track information

This function can be useful if, for example, you want to change the name of a track, album, artist or genre in your player.

1. In the Main window, click the NOMAD JUKEBOX button. Your player's Music Library appears.
2. Click the track or tracks you want to edit in your player.
3. On the Toolbar, click "Properties".
4. In the Properties window, double-click the property to edit, for example, Album, Artist or Genre.
5. Click the OK button.

Creating and editing playlists with PlayCenter

Playlists can be created in your player, as described in "Saving the Playing List as a playlist" on page 3-14. They can also be created in PlayCenter. Extensive editing options, such as adding or deleting tracks, are also available with PlayCenter.

To create a playlist

1. In the Main window, click the NOMAD JUKEBOX button. Your player's Music Library appears.
2. Click the MEDIA BAR, and select "Playlists".
3. On the Toolbar, click "New".
4. Type the name of your new playlist.
5. Click the MEDIA BAR, and select a category, for example, All Tracks or By Album.
6. Select the tracks you want to add to the playlist.
7. Right-click the selected tracks and select "Add to Playlist".
8. Select the playlist to add the tracks to.

To add tracks to a playlist

Follow steps 5 through 8 in "To create a playlist" above.

To remove tracks from a playlist

1. In the Main or Transfer window, click the NOMAD JUKEBOX button.
2. Click the MEDIA BAR, and select "Playlists".
3. Locate the playlist from which you want to delete tracks.
4. Select the tracks to delete.
5. On the Toolbar, click "Delete".

To change the playback order in a playlist

1. In the Main or Transfer window, click the NOMAD JUKEBOX button.
2. Click the MEDIA BAR, and select "Playlists".
3. Locate the playlist for which you want to change the play order.

4. Click the track and click the SHIFT-UP or SHIFT-DOWN icons on the Toolbar.

To delete a playlist

1. In the Main window, click the NOMAD JUKEBOX button.
2. Click the MEDIA BAR, and select "Playlists".
3. Click the playlist to delete.
4. On the Toolbar, click "Delete".

Viewing non-English track information

Track information for non-English audio tracks, such as Chinese, Japanese or Korean tracks, can be displayed in their native fonts when you are using PlayCenter or your player. You must, however, be using the operating system and PlayCenter version of that language.

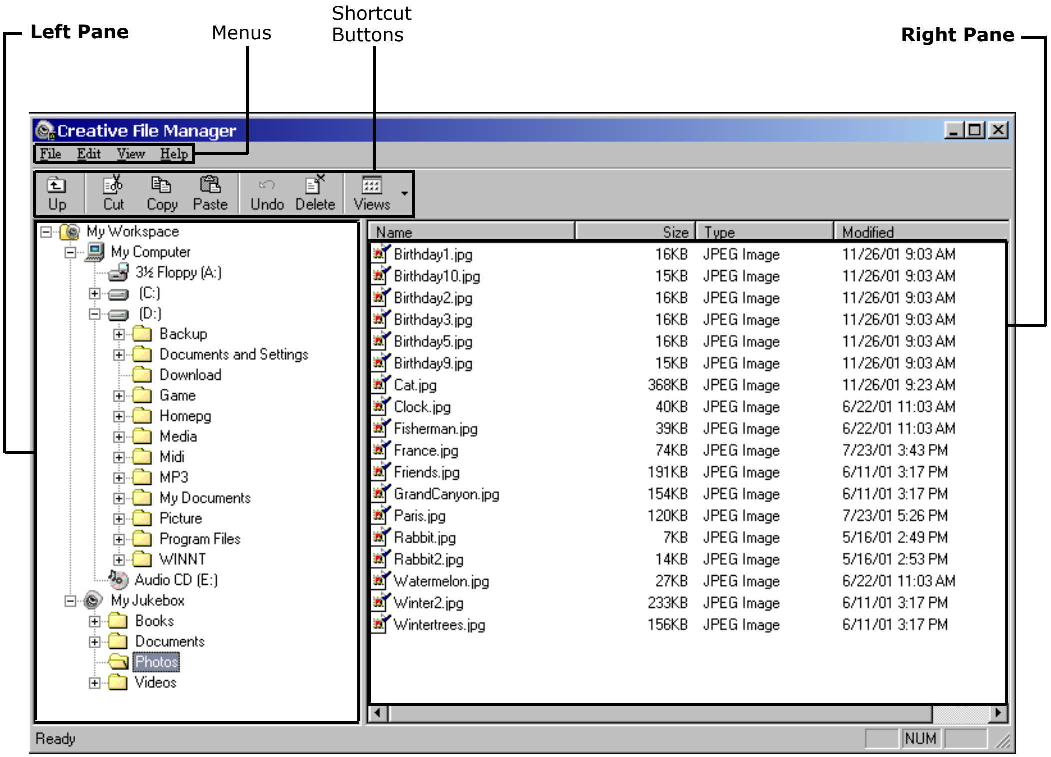
To view non-English track information

1. Before transferring non-English audio tracks from your PC to player as described in "To transfer specific tracks from your PC to your player" on page 4-5, do the following:
   - In the Transfer window, click the NOMAD JUKEBOX button.
   - Click the SETTINGS button.
   - Click the list in the "Language" box.
   - Click a language appropriate for the non-English audio tracks you are transferring.
   - Click the Apply button.
   - Click the OK button.
2. Transfer the non-English audio tracks to your player.
3. Select the approriate Menu language in your player as described in "Menu Language" on page 2-12. For example, select "Japanese" as the Menu language if the transferred audio tracks are in Japanese.
   Note: Selecting a Menu language incompatible with your audio tracks may result in illegible track information if these tracks are transferred back to your PC.

Using File Manager

Extensive instructions on how to use File Manager are in the File Manager Help file—only basic instructions are provided here. An overview of the File Manager interface is provided below.

The Creative File Manager application can be copied to a single floppy disk, allowing you to install the application onto another PC.


Left Pane
Menus
Shortcut Buttons
Right Pane
Creative File Manager
File Edit View Help
Up
Cut
Copy
Paste
Undo
Delete
Views
My Workspace
My Computer
3½ Floppy (A:)
(C:)
(D:)
Backup
Documents and Settings
Download
Game
Homepg
Media
Midi
MP3
My Documents
Picture
Program Files
WINNT
Audio CD (E:)
My Jukebox
Books
Documents
Photos
Videos
Ready
NUM

Name	Size	Type	Modified
Birthday1.jpg	16KB	JPEG Image	11/26/01 9:03 AM
Birthday10.jpg	15KB	JPEG Image	11/26/01 9:03 AM
Birthday2.jpg	16KB	JPEG Image	11/26/01 9:03 AM
Birthday3.jpg	16KB	JPEG Image	11/26/01 9:03 AM
Birthday5.jpg	16KB	JPEG Image	11/26/01 9:03 AM
Birthday9.jpg	15KB	JPEG Image	11/26/01 9:03 AM
Cat.jpg	368KB	JPEG Image	11/26/01 9:23 AM
Clock.jpg	40KB	JPEG Image	6/22/01 11:03 AM
Fisherman.jpg	39KB	JPEG Image	6/22/01 11:03 AM
France.jpg	74KB	JPEG Image	7/23/01 3:43 PM
Friends.jpg	191KB	JPEG Image	6/11/01 3:17 PM
GrandCanyon.jpg	154KB	JPEG Image	6/11/01 3:17 PM
Paris.jpg	120KB	JPEG Image	7/23/01 5:26 PM
Rabbit.jpg	7KB	JPEG Image	5/16/01 2:49 PM
Rabbit2.jpg	14KB	JPEG Image	5/16/01 2:53 PM
Watermelon.jpg	27KB	JPEG Image	6/22/01 11:03 AM
Winter2.jpg	233KB	JPEG Image	6/11/01 3:17 PM
Wintertrees.jpg	156KB	JPEG Image	6/11/01 3:17 PM

Figure 4-2: File Manager Interface

Transferring data files

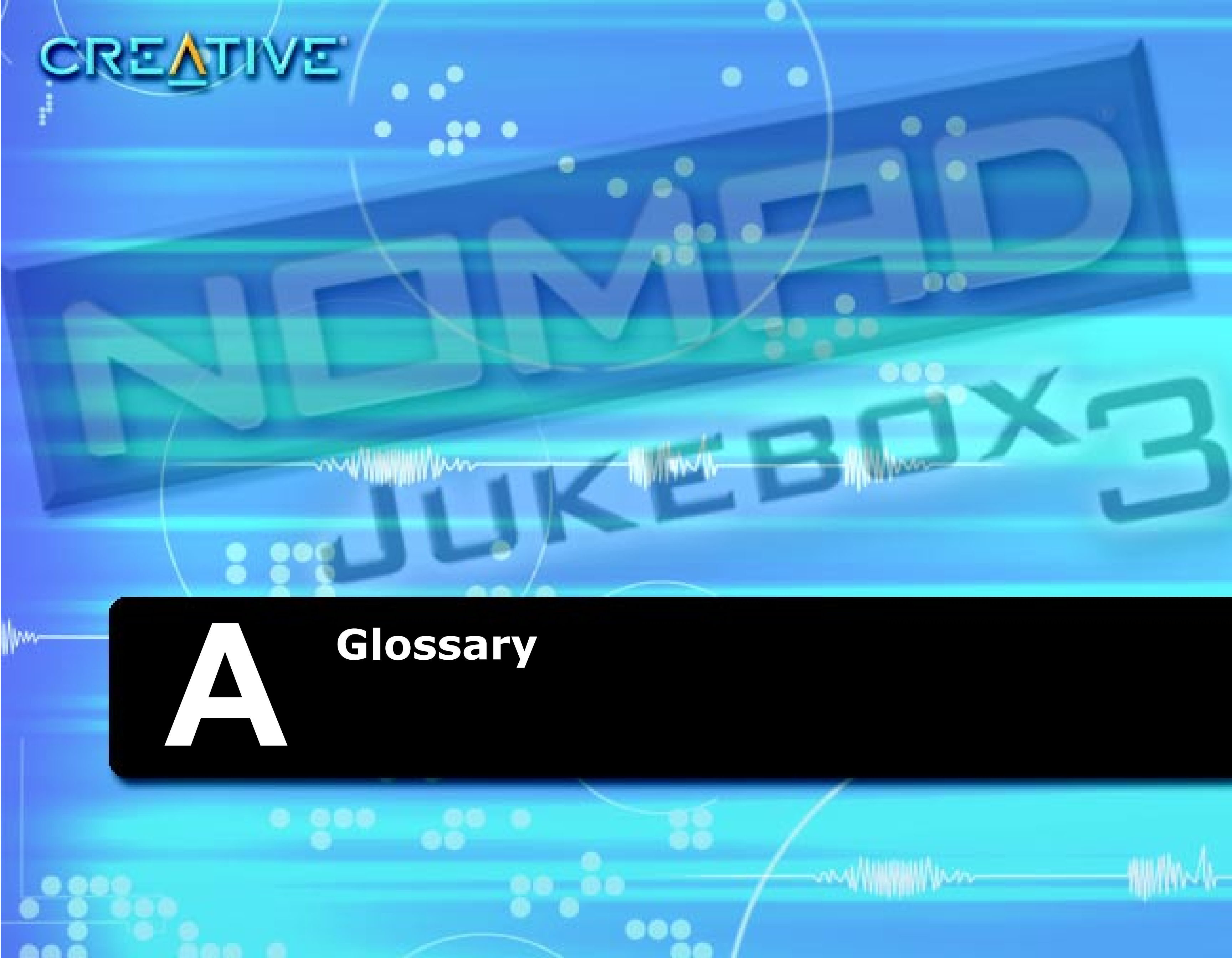
Data files can be transferred to and from your player by either using the "copy-and-paste" or "drag-and-drop" functions. Audio tracks in MP3, WAV or WMA file formats will be stored as data files when they are transferred from your PC; they cannot be played by your player.

To transfer a data file by copying-and-pasting

1. On the left pane, locate and click the drive that contains the file you want to copy.
2. Click the file to copy.
3. On the Edit menu, click "Copy".
4. Open the folder or disk where you want to put the copy.
5. On the Edit menu, click "Paste".

To transfer a data file by dragging-and-dropping

1. Click and drag the file that you want to copy to the destination folder.
2. Release the mouse button.
   The selected file or folder is copied to the destination drive.


CREATIVE
NOMAD
JUKEBOX 3

A

Glossary

Glossary

Useful terms to know

This section provides you with a brief explanation of functional terms, technology and abbreviations used or referred to in this manual.

1394	IEEE 1394 is a high-speed input/output technology for connecting devices to a computer. While similar to USB, IEEE 1394 is more suited to high-speed multimedia devices such as video camcorders, synthesizers, hard disks and other mass data storage media. IEEE 1394 supports data transfer rates of up to 400 Mbps or 400 million bits per second. Like USB, IEEE 1394 offers incredible convenience with “hot swap” capability. This means that you do not have to turn off or restart your computer when attaching or detaching your 1394 device. You can connect up to 63 devices to a single port. Your player uses Creative’s SB1394 standard, which is compliant with IEEE 1394. See "SB1394".
Advanced EQ	See "Equalization".
AIFF	The Audio Interchange File Format (AIFF) is an audio file format developed by Apple®. AIFF files tend to be as large as WAV files.
Analog audio	Non-digital audio. An example of an analog audio source is a cassette tape, or a vinyl record. Making an analog recording from an analog source, for example, duplicating a cassette recording using a cassette recorder, can result in imperfect recordings. Subsequent analog recordings from the first analog recording usually suffer a progressive reduction in quality. See "Digital audio" on page A-4 for a comparison.

Analog Line-In	Record audio from an analog source by using this connector. The connector accepts both analog or optical line-in sources, automatically detecting whether the source is analog or optical. See "Optical Line-In"
AudioSync	AudioSync can synchronize the music libraries in your player and PC. If either library has insufficent space, you can selectively transfer tracks by artist, genre or playlist. You can also set up AudioSync so that either your player or PC is updated. Use an SB1394 or IEEE 1394 cable for lightning-fast transfers.
Bitrate	A bitrate indicates the average number of bits in one second of a digital audio track. MP3 encoders allow you to specify the bitrate when making MP3 files. The higher the bitrate, the better the audio quality. Unfortunately, this also means a larger file size.
Bitstream	A flow of information running through a device like an MP3 player. An MP3 bitstream can be translated back into audio using an MP3 codec, like the codec developed by Fraunhofer IIS-A.
Bookmark	An electronic bookmark for an audio track. If you prefer to play an audio track from the 12th second onwards, make a bookmark at 12 seconds. Bookmarks are useful for long tracks. for example, a 45 minute narrative.
Category	A general grouping of audio tracks, for example, Artist, Album or Genre.
CDDB	This stands for Compact Disc DataBase. The GraceNote® Music Recognition Service^{RS} is a public information repository for thousands of audio CDs. Many people who listen to audio CDs and music artists submit information about audio CD albums to GraceNote. This service compares, edits and reconciles duplicate entries and combines many submissions into individual records.

PlayCenter helps you get information about your audio CD by accessing this massive database. This saves you the trouble of typing in track information and ensures that track titles appear correctly in your player.

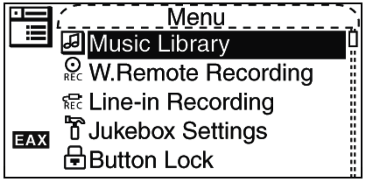
You can contribute to this database too. See PlayCenter's Online Help for more information.

Codec	This is a short form for COder/DECoder. An MP3 codec is an essential part of MP3 encoders and players. It helps to translate audio into MP3 bitstreams and back.
Confirmation box	A variant of the message box, this box appears for you to confirm an action. For example, if your player is locked, and you press a button, the confirmation box "Unlock Button?" appears. Use the Scroller to make a choice in the box.
Creative Audio Stream Recorder	The Creative Audio Stream Recorder (ASR) is a software application that enables you to record streaming audio content from the Internet, and then play it back on your computer or transfer it to your player. You can record on-demand, or schedule the recording.
Creative File Manager	Creative File Manager is a data file manager for your player. With its intuitive interface, you can drag-and-drop data files between your computer and player. With Creative File Manager, your player doubles as a portable data storage device.
Creative PlayCenter 3	Creative PlayCenter is your Personal Digital Music Center on the PC. Developed by Creative, PlayCenter allows you to listen, organize, rip, and even create your own audio CDs! it also lets you manage, organize and seamlessly transfer music between Creative portable digital audio players and your PC. With AudioSync, you can also synchronize music between your PC and NOMAD Jukebox. See the PlayCenter Online Help for more information.

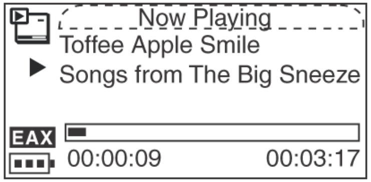
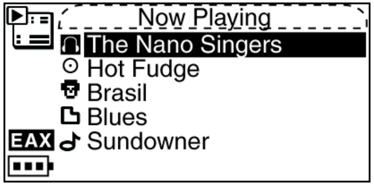
Creative Sound Blaster Audigy	With the onboard 24-bit Analog-to-Digital Convertor (ADC) and Digital-to-Analog Converter (DAC), the Sound Blaster Audigy card delivers high-definition sound of astounding quality with 96 kHz SPDIF support. The Sound Blaster Audigy card, with its Audigy processor, is four times as powerful as its nearest competitor. This enables awesome EAX ADVANCED HD™ technologies for your games and music listening experience. The SB1394 port provides easy high-speed connectivity to NOMAD portable digital audio players, external CD-RW drives and other IEEE 1394 compatible devices like DV Camcorders, printers, scanners and digital still cameras. You can connect your player to the Audigy's SB1394 jack, without using a separate IEEE 1394 interface card.
CreativeLink	A unique type of interface for use with other Creative devices.
Digital audio	When you convert sound waves into binary data (0s and 1s), you are creating digital audio. Using proper cables (for example, optical cables) with a standard encoding bitrate usually results in a perfect copy of the original, with no degradation or noise. See "Analog audio" on page A-1 for a comparison.
Docking device	Depending on the manufacturer's intention, a docking device can be used for: • charging a device (like a mobile phone's desktop charger) • enhancing a device (like the Creative Docking Station) • data transfer (like a handheld device's docking station) • any combination of the above
DRM	Digital Rights Management (DRM) is a technology which enables the copyright owner of intellectual property, like a digital audio track, to control how you, the listener, can use the file. It is normally used to allow you to download digital audio tracks while preventing you from distributing the files to other people or other devices. With DRM, digital audio tracks contain digital signatures. Creative PlayCenter and your player are DRM-compliant.

EAX	EAX technology delivers advanced audio functionality and performance, adding sophisticated audio processing capabilities, interactive and high-definition sound to digital entertainment. With EAX technology-enabled products, you can shape and customize your audio experience. Certain EAX features provide advanced audio capabilities for music composition and sound design. To fully experience EAX, connect a Creative Inspire 4.1 speaker set to your player, and with EAX enabled, activate 4-channel surround sound in Jukebox Settings.
Encoder	While there are many types of encoders, an MP3 encoder is a tool capable of translating audio into an MP3 bitstream. You need an MP3 encoder to create MP3s.
Environment	A collection of presets, for example, Opera House, Bath Room and Auditorium, that you can choose to enhance your audio.
Equalization	A process that increases or decreases audio at certain frequencies, so that treble, midrange or bass sounds are heightened or reduced. Advanced EQ provides equalizer presets such as Acoustic, Classical and Jazz.
Firmware	The software in your player that allows you to to perform numerous functions including playing and recording audio. The firmware can be used with the supplied applications as described in "Using Applications" on page 4-1. You can check to see if your player’s firmware is up-to-date by checking the firmware version number against the firmware download available at www.NOMADworld.com. For information on how to check your firmware version number, see "Checking Jukebox information" on page 2-10. To upgrade your firmware, see "Using Your Player" on page 3-1.
Genre	A general category of music, for example, Soundtrack, Acid Rock or Classical.

Gigabyte (GB)	About a thousand million bytes. A 1 GB device can store 1000 MB worth of MP3 files. If your MP3 files are encoded at 128 kbps and each file is about 4 minutes long, a 10 GB device can store about 2500 MP3 files.
GraceNote	See "CDDB".
Hard disk	The hard disk on your player is where all of your audio is stored. The hard disk is also known as a Hard Disk Drive.
ID3 tag	ID3 tags are digitally embedded in MP3 files, providing you with information such as the title, album, artist and genre of a song. This information is displayed when the MP3 audio track is played back. ID3 tags can be edited.
InfraRed (IR)	A technology standard for transmitting data without cables, using infrared light waves. Many devices like wireless remote controls use IR.
kbps	Kilobits-per-second. A measure of how good the bitrate is. 128 kbps is the standard bitrate for MP3 files. 128 kbps MP3s are near-CD quality. However, you can encode MP3s at 160 or 192 Kbps.
kHz	This stands for kiloHertz, literally a thousand cycles per second, a measure of audio frequency.
Line-In Recording	A WAV or MP3 file made by recording audio through the Line-In connector of your player. In general, recordings made via the Line-In connector are of better quality than recordings made using the Wired Remote or FM Wired Remote. You would normally use the Line-In connector to record music from CD players or other audio playing devices. If you select a high sampling rate for a WAV recording, the audio quality can easily match that of a MiniDisc recording or a DAT.

List	From a list, you can select one of many options listed. For example, a list can contain available EAX environments, or letters and numbers for you to construct a name for a recording.
Lithium-Ion battery (Li-Ion)	A battery composed of Lithium, a light metal with high electrochemical potential. Lithium batteries are light and store high amounts of electrical energy. Because of this, Lithium-Ion batteries are ideal for portable devices like your player. Lithium-Ion batteries do not use poisonous metals, such as lead, mercury or cadmium, and have no memory effect problems. However, they are more expensive than conventional Nickel-Cadmium (NiCad) and Nickel Metal-Hydride (NiMH) batteries. Your player uses Li-Ion batteries.
Match Volume	This is an EAX feature that keeps the playback volume of all the tracks on your playlist at the same level. This is especially useful as songs are often recorded at different volumes. With this activated, you don’t have to keep adjusting the volume from song to song.
Megabyte (MB)	About 1 million bytes. Bytes, megabytes and gigabytes are measures of how much data a storage device can hold. For example, a 3-minute MP3 encoded at standard bitrates is approximately 3MB in size.
Memory Effect	A property of some NiCad batteries that can surface when a battery is not fully used or discharged before it is recharged. This can cause the battery to have a false ‘memory’ as to how much electrical energy it can store. This results in significantly lower battery levels, even after a full charge.
Menu	A selection of options in your player’s screen. For example, this screen shows a menu with four options, Music Library, Recording, Jukebox Settings and Button Lock.  Menu Music Library W.Remote Recording Line-in Recording Jukebox Settings Button Lock EAX

Message box	A pop-up window that appears to give you information, for example, "Bookmark set at 00:04:23".
MP3	A member of the MPEG compression family, MP3 is a commonly used compressed digital audio format. MP3 encoding transforms digital audio files (like WAV) to provide reasonable audio quality in relatively small file sizes. Recordings made with the Wired Remote are in the MP3 or MP3 format.
Music Library	An organized collection of audio tracks in your player. Tracks are grouped by categories, namely, "All tracks", "Albums", "Artists", "Genres", "Line-In Recordings" and "Voice Recordings".
Nickel-Cadmium (NiCad)	An older type of battery often used for portable devices. Some of these batteries suffer from Memory Effect, and can store less electrical energy than Li-Ion batteries.
Nickel Metal Hydride (NiMh)	An older type of battery often used for portable devices. These batteries do not suffer from Memory Effect problems, and can store about 50% more energy than NiCad batteries, but not as much as Li-Ion batteries.
Now Playing screens	A series of screens—the Playing Track screen and Playing List screen—accessible by pressing the NOW PLAYING button. See "Playing Track screen" and "Playing List".
Optical Line-In	Using a digital audio source with this connector on your player allows you to make digital recordings, eliminating unwanted ‘noise’ associated with analog recordings. The connector accepts both analog or optical line-in sources, automatically detecting whether the source is analog or optical. See "Analog Line-In".

Playing Track screen	Shows the track that is being played back or the track that has been selected in the Playing List for playback. See "Playing List" and "Now Playing screens".  Now Playing Toffee Apple Smile ▶ Songs from The Big Sneeze EAX 00:00:09 00:03:17
Playing List	The Playing List is like a long line of audio tracks, waiting for their turn to be played. You can choose an album or a playlist of tracks to be played. Their turn comes when the tracks listed before them have been played. In Normal mode, tracks are played in the order that they are queued. See "Playing Track screen" and "Now Playing screens".  Now Playing The Nano Singers Hot Fudge Brasil Blues EAX Sundowner
Playlist	A grouping of audio tracks. Using a playlist, you can create a playback sequence of audio tracks from multiple albums or categories without actually rearranging any audio tracks in the player's Music Library. You can also name a playlist, for example, My Favorite Pop Songs.
Presets	A collection of EAX settings that you can select to enhance your audio. For example, some of the presets you can choose in Advanced EQ include Acoustic, Classical and Rock.
Ripping	The process of creating digital audio tracks from an audio CD. Using a CD ripper and an MP3 encoder, you can extract favorite tracks from an audio CD and make MP3 files. You can then transfer the audio tracks over to your player for your enjoyment.
Sampling Rate	The sampling rate is a measure of how well an audio source is captured as a digital audio file. For example, a normal audio CD has audio sampled at 44.1 kHz.

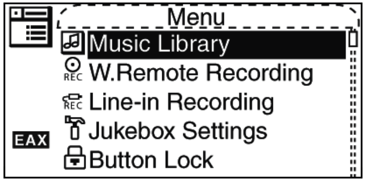
SB1394

SB1394 is Creative's IEEE-1394 compatible standard for high speed (about 400Mbps at peak) digital audio transfer. Creative's SB1394 standard offers you maximum speed and compatibility with SB1394 peripherals and also provides you with a seamless user experience for transferring massive MP3 collections, DV editing, easy networking and more.

You can connect your player to your computer using the SB1394 cable. This cable can be connected to the Audigy audio card’s SB1394 jack or a standard IEEE 1394 interface card. See "1394" on page A-1 for more details about IEEE 1394.

Screen

The current display on your player. For example, this is the Menu screen:



Scroll Select

A term for a two-step operation using your player’s Scroller. Scroll up or down options in menus and lists, and press the Scroller to select the option.

SDMI

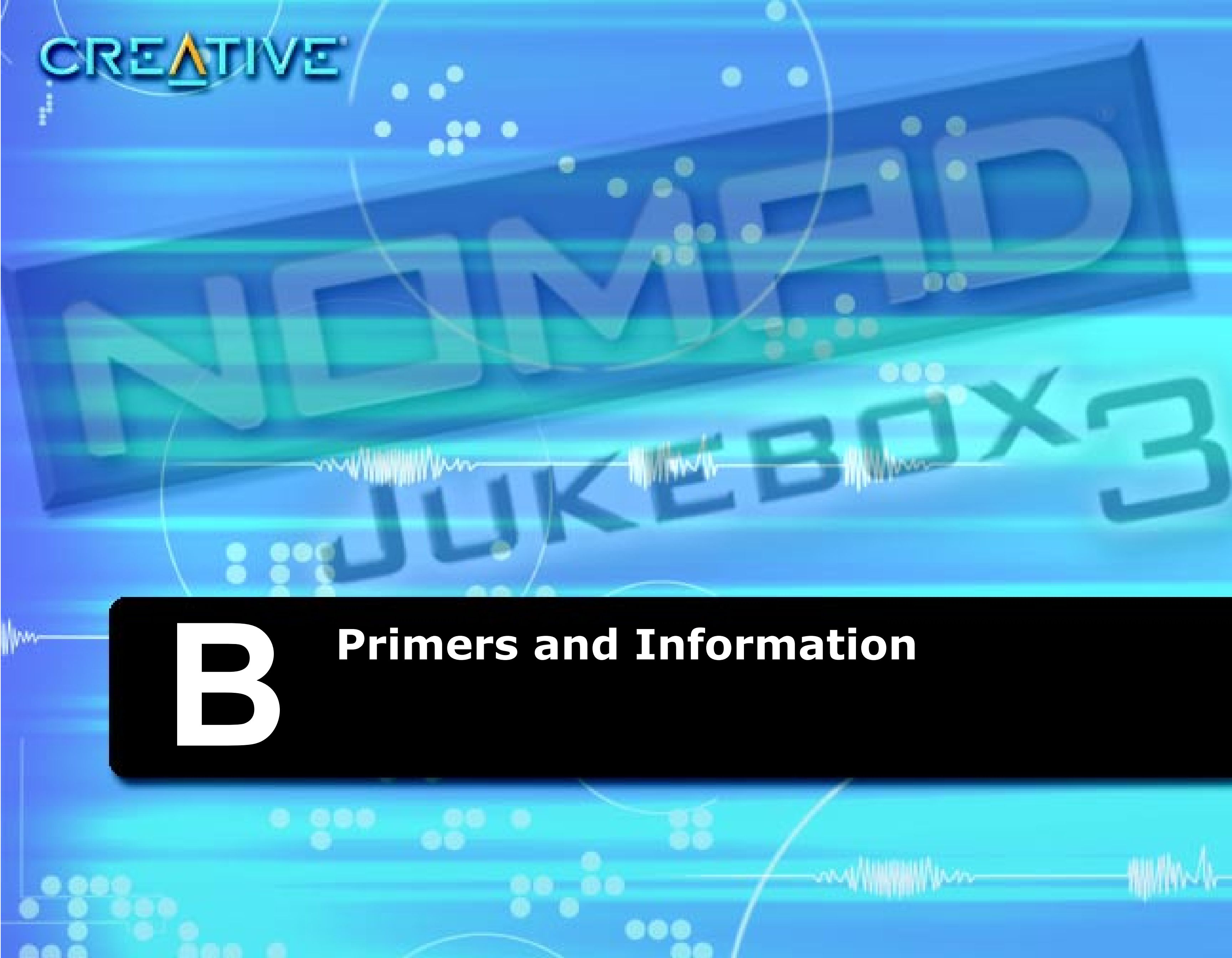
Secure Digital Music Initiative. Developed by a forum of 200 companies in the worldwide recording industry, SDMI-compliant devices or software can play SDMI encrypted formats, as well as conventional, unencrypted formats. It was developed to allow consumers, like you, convenient access to music in online and emerging digital distribution systems. SDMI promises copyright protection for the artist, and the promotion of new music related technologies. Your player is SDMI-compliant.

Shock Buffer

This buffer is usually a temporary data storage area. When you carry your player around, it is subjected to many minor bumps and shakes. To give you uninterrupted audio playback, your player uses a five minute shock buffer.

Shuffle	A Play Mode that plays tracks at random from the Playing List. It is almost like waiting in line at a popular nightclub. Sometimes some tracks don’t get played at all.
Shuffle Repeat	Just like Shuffle, except that your player continues to select tracks at random to play. Your player will continue doing this until it runs out of battery power, or until you interrupt it.
Smart Volume Management (SVM)	Smart Volume Management evens out the volume ‘bumps’ in an audio track. Some types of music, for example, Mahler’s second symphony, have great contrasts in volume. When you turn up the volume to listen to a quiet portion of the track, you can get deafened and shocked when the louder portions are played. SVM also compensates for ambient noise in your listening environment. Choose "Plane", for example, when you listen to your player while flying, and the audio level is automatically adjusted. You can turn this feature on or off from the EAX menu.
Spatialization	A feature of EAX that changes your perception of audio from a pair of stereo headphones. Choose either Full, Narrow or Wide to suit your listening pleasure.
Time-Scaling	A feature of EAX that allows you to change the speed of audio playback without changing the pitch or distorting the audio quality. For example, you can use this feature to slow down a recording of a speech for easier note-taking. Choose a setting from 0.5x to 1.5x, where 1.0x is normal speed.
USB	USB stands for Universal Serial Bus. It is a moderately high-speed input/output technology for “hot swap” data transfers, meaning that you can connect or disconnect a USB device without turning off your computer.
Voice Recording	Using the Wired Remote or FM Wired Remote, you can make recordings of speeches, discussions and meetings. The recording is in the WAV or MP3 format, and cannot be larger than 2 GB.

WAV (wave)	An uncompressed digital audio format, WAV files are often used in systems running Microsoft Windows. Recordings made with the Wired Remote or FM Wired Remote are in WAV or MP3 formats.
Wired Remote	An accessory for your player that you can use to access the player's controls without dragging the player out from your bag or pocket.
Windows Media Audio (WMA)	Microsoft's Windows Media Audio (WMA) format is suitable for lower bitrates but can produce an audio quality that is almost indistinguishable from the original audio when encoded at 128 kbps. Most full-featured player programs and portable players can play WMA files. Some WMA files are protected by a digital signature. See "DRM" on page A-4.


CREATIVE
NOMAD
JUKEBOX 3

B

Primers and Information

Primers and Information

This chapter contains detailed information on key technologies used in the development of your NOMAD Jukebox 3 as well as details of Scroller operations and icons used in the player's screens.

About MP3

It is illegal to encode MP3 files for trade or sale unless you have the express and explicit permission of the copyright holder(s).

MP3 is the acronym for Moving Picture Experts Group (MPEG) Audio Layer 3, a type of audio data compression technology that can significantly reduce a digital audio file's size by as much as one-twelth, with virtually no loss in quality. It is an efficient way to store high-quality music or other audio content on your computer.

These compressed digital audio files have a file extension of .MP3, and can be downloaded from many sites on the Internet. You can also produce them legally for personal use, from your original audio CDs.

Making MP3s — audio extraction

The first phase in making an MP3 file is extracting audio data from an audio CD. To extract audio data, you will need a CD-ROM drive that can extract digital audio data, and a program known as a Ripper. This program uses the CD-ROM drive to read the audio tracks from the audio CD and stores it on your hard disk. The time needed for a successful audio extraction depend on:

- CD-ROM drive speed
- defects, like scratches on the audio CD
- error-checking features on the CD-ROM drive

Making MP3s — encoding

Encoding is the second phase of making an MP3 file. Encoders are used to convert the stored audio tracks, usually WAV files, into MP3 files. MP3 encoding is considered lossy compression, which means that some data is lost during compression. However, using the standard sampling rate and bitrates will ensure that your MP3 files retain much of their audio quality. The standard bitrate of most MP3 files is 128Kbps, although some are set higher, at 160 or 192Kbps. Higher bitrates will result in larger MP3 file sizes, with better audio quality. Use PlayCenter to extract audio tracks and encode MP3s.

See the PlayCenter Online Help for more information.

Where to get MP3 files

The websites listed here are correct at the time of this document's release.

To get MP3 files from the Internet, use a search engine to locate sites with MP3 content. You can also try out these sites:

- NOMADWorld
  http://www.NOMADworld.com
- SoundClick.com
  http://www.soundclick.com
- Epitonic.com
  http://www.epitonic.com
- AMP3.com
  http://www.amp3.com
- ArtistOne.com
  http://www.artistone.com
- Soundbuzz.com
  http://www.soundbuzz.com

About EAX

EAX technology delivers advanced audio functionality and performance, adding sophisticated audio processing capabilities, interactive and high-definition sound to digital entertainment. EAX technologies are implemented across a range of audio hardware solutions, system software, application software, and application programming interfaces (APIs) from Creative. With EAX technology-enabled products, you can shape and customize your audio experience. Certain EAX features provide advanced audio capabilities for music composition and sound design. EAX technology is redefining the audio experience.

In addition to its fully customizable 3D spatialization effects, 4-channel sound, advanced EQ, time-scaling, and audio environment settings, EAX is bringing "Smart Volume Management" (SVM) to your favorite digital audio player. Employing advanced predictive analysis, SVM intelligently controls the dynamic range of a song, providing a superior audio experience, especially in difficult listening environments such as a plane or car. Additionally, a Match Volume feature keeps the playback volume of all the tracks on your play list at the same level. You no longer have to adjust the volume from song to song. With these awesome EAX technologies, the NOMAD Jukebox delivers an unsurpassed listening experience.

For more information, please visit EAX.creative.com.

About USB

An older serial input/output technology than IEEE 1394, USB is commonly used for lower-speed input devices, such as printers, scanners, mice, keyboards, cameras and other devices connected to your computer. A USB device is self-configuring and has the same “hot swap” capability as 1394. You can connect up to 127 devices per computer.

Although USB transfers are faster than most parallel or serial port transfers, high speed devices like CD-Recorders and portable hard disk drives will probably be 1394-enabled.

About IEEE1394

Also known as FireWire™, IEEE 1394 is high-speed serial input/output technology for connecting devices to a your computer. Originally developed by Apple™, it is now an official industry standard.

While similar to USB, 1394 is more suited to high-speed multimedia devices such as video camcorders, synthesizers, hard disks and other mass data storage media. Like USB, 1394 offers incredible convenience with “hot swap” capability. This means that you do not have to turn off or restart your computer when attaching or detaching your NOMAD Jukebox 3.

1394 supports up to 63 devices per computer, and provides devices with power. It also features automatic configuration, with no device IDs or terminators required. 1394 ports support data transfer rates of up to 400 Mbps or 400 million bits per second. 1394 devices are self-configuring.

List of Scroller operations

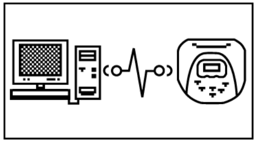
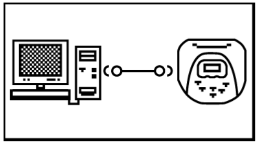
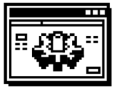
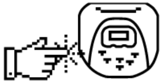
Many operations are accessible from your player’s context-sensitive Scroller. Here is a summary of all operations or selections available:

Scroller operation	Description	Notes
Add to Play	❍ adds the selection to the Playing List	❍ the selection is played when its turn comes
Cancel	❍ gets out of menu selection without changing anything	
Change Order	❍ changes the playback order of a selection in the Playing List	
Clear Bookmark	❍ removes the bookmark from a track	
Delete ____	❍ deletes track, subcategory or selection from the Music Library	❍ selection is permanently deleted
Expand / Collapse / Track Details	❍ expands or collapses a category in the Playing List if an album, artist or genre selected ❍ shows track details when track is selected	
Go to Bookmark	❍ goes to the bookmarked point in a track	❍ track must be playing when using this feature
MP3, 64 kbps MP3, 96 kbps MP3, 128 kbps MP3, 160 kbps MP3, 192 kbps MP3, 256 kbps MP3, 320 kbps	❍ available bitrate and format combinations for recording	

Scroller operation	Description	Notes
New	❍ makes another recording using the same settings as the previous recording	❍ Scroll Select "New" after saving or discarding the previous recording
Normal	❍ disables Play Modes.	❍ press the PLAY button to play the entire Playing List once, in sequence
Open	❍ shows the contents of a category or sub-category	❍ for example, if Album is selected, "Open" shows all albums stored in the Music Library
Play Now	❍ adds all tracks in the sub-category to the front of the Playing List. The first track starts playing.	❍ for example, if "The Visit" is selected under Albums, all tracks from the album "The Visit" will be added
Play Track Once	❍ plays the selected track once	❍ no other tracks are played ❍ you must select the track to play ❍ pressing the FORWARD or REVERSE buttons during play will skip to the selected track, and play it once
Preview	❍ samples a track within a category	❍ track being previewed is not added to the Playing List
Remove	❍ removes the selection from the Playing List	❍ does not remove the selection from the Music Library
Remove All	❍ clears the Playing List	❍ you must confirm removal of all tracks
Rename	❍ changes the name of the selected playlist	❍ rename a track from PlayCenter and transfer it into your player
Repeat All	❍ repeats playback of the Playing List	❍ tracks play in sequential order

Scroller operation	Description	Notes
REPEAT TRACK	❍ repeats playback of the current track only	
SAVE AS PLAYLIST	❍ saves the contents and playback order of the Playing List as a playlist	
SET BOOKMARK	❍ sets a bookmark at this point in the track	❍ only one bookmark per track
SHUFFLE REPEAT	❍ randomly plays tracks from the Playing List	
SHUFFLE	❍ randomly picks and plays one track from the Playing List	
TRACK DETAILS	❍ shows details of current track	❍ in the Playing List screen, details include name of track, artist, album and genre ❍ in the Playing Track screen, details include name of track, artist, album, genre, sampling rate and bitrate
VOICE	❍ chooses voice recording mode	
WAV, 11.025 KHz WAV, 22.05 KHz WAV, 32.0 KHz WAV, 44.1 KHz	❍ available bitrate and format combinations for recording	

Information Diagram

Diagram	Action / Meaning
	❍ your PC is actively managing your player. To use your player, disconnect it from your PC.
	❍ your PC is not actively managing your player. To use your player, disconnect it from your PC.
 **Upgrading Firmware**	❍ you are upgrading your player's firmware.
 **Please reset player**	❍ the firmware upgrade is complete. Reset your player to enable the new firmware to take effect.

Playback Icons

The following icons appear onscreen when the associated playback action is used.

Icon	Action / Meaning
▶	❍ Play

Icon	Action / Meaning
❚❚	❍ Pause
▶▶	❍ Forward
◀◀	❍ Reverse
▶❚	❍ Skip forward
❚◀	❍ Skip back

Playing List Icons

The following icons are commonly found in the Playing List screen.

Icon	Action / Meaning
⊙	❍ Album
☺	❍ Artist
🗀	❍ Genre
♪	❍ Track

Icon	Action / Meaning
∟	❍ Track within audio category
🎧	❍ Audio selected for playback or which is currently playing back

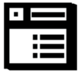
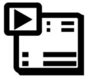
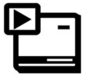
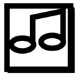
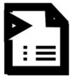
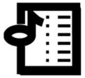
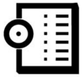
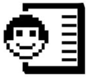
Audio Enhancement Icons

The following icons appear onscreen when the respective audio enhancements are active.

Icon	Action / Meaning
↻1	❍ Repeat Track
↻	❍ Repeat All
⇄1	❍ Shuffle
⇄	❍ Shuffle Repeat
×1	❍ Play Track Once
EAX	❍ EAX active

Navigational Icons

The following icons appear on-screen when you are in the associated firmware section.

Icon	Action / Meaning
	❍ Menu
	❍ Playing List
	❍ Playing Track
	❍ Music Library
	❍ Playlists category
	❍ All Tracks category
	❍ Albums category
	❍ Artists category

Icon	Action / Meaning
🗂	❍ Genre category
🎵	❍ Recordings category
◌	❍ EAX
🔍	❍ Find
⊙ REC	❍ W.Remote Recording/ Line-In Recording
🔌	❍ Line-In Record/ Optical Record
🎤	❍ Voice Record
🔨	❍ Jukebox Setting

Icon	Action / Meaning
ℹ	❍ Jukebox Information
👤	❍ Personalization

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C

Handling Instructions

Handling Instructions

To prolong the life of your player and its battery, you need to take some care in handling them. Improper handling can result in damage, excess heat buildup, smoke or fire. We have also included some precautionary information, to help you avoid hazardous situations.

Battery handling

⚠ This section contains important information that you should know about.

Usage

- Do not load batteries with polarities (-/+) reversed.
- Keep away from children.
- Do not force batteries into the battery compartment.
- Batteries may become hot after prolonged use. You can avoid minor burns by letting them cool down before removing them from the player.
- Do not short-circuit the batteries with metallic objects such as keys or jewelry. Do not allow metallic objects to come into contact with the batteries' terminals. This can cause the batteries to lose their electrical charge.

Environment

- Do not expose or subject the batteries to excessive heat from direct flames or other heat sources.
- Do not immerse the batteries in water or expose them to excessive moisture.
- Store batteries in cool, well-ventilated and dry storage areas. Do not store batteries in areas with temperatures outside of -10°C to 45°C (14°F to 113°F).

Physical

- Do not attempt to disassemble, solder or alter the batteries.
- Do not remove the label.
- If batteries are swallowed, seek medical attention immediately.
- Do not pierce or crush the batteries, as it may cause the electrolyte to leak. Contact with the electrolyte is hazardous to your health.
- Avoid dropping the batteries or subjecting them to severe impact. This may cause electrolyte leakage.

Electrolyte leakage

- If there is electrolyte leakage, smoke, discoloration, deformation or noxious odors while using or charging the batteries, dispose of the batteries immediately using protective hand gear. Wash your hands thoroughly after the disposal.
- Dispose of lithium batteries safely, complying with relevant local laws.
- Do not dispose of batteries in containers with flammable material.
- If the inner contents of the batteries come into contact with any part of your body or clothing, flush with water immediately. In the case of accidental contact with your eyes or mouth, flush with water and seek medical assistance.

Player handling

This section contains important information that you should know.

Usage

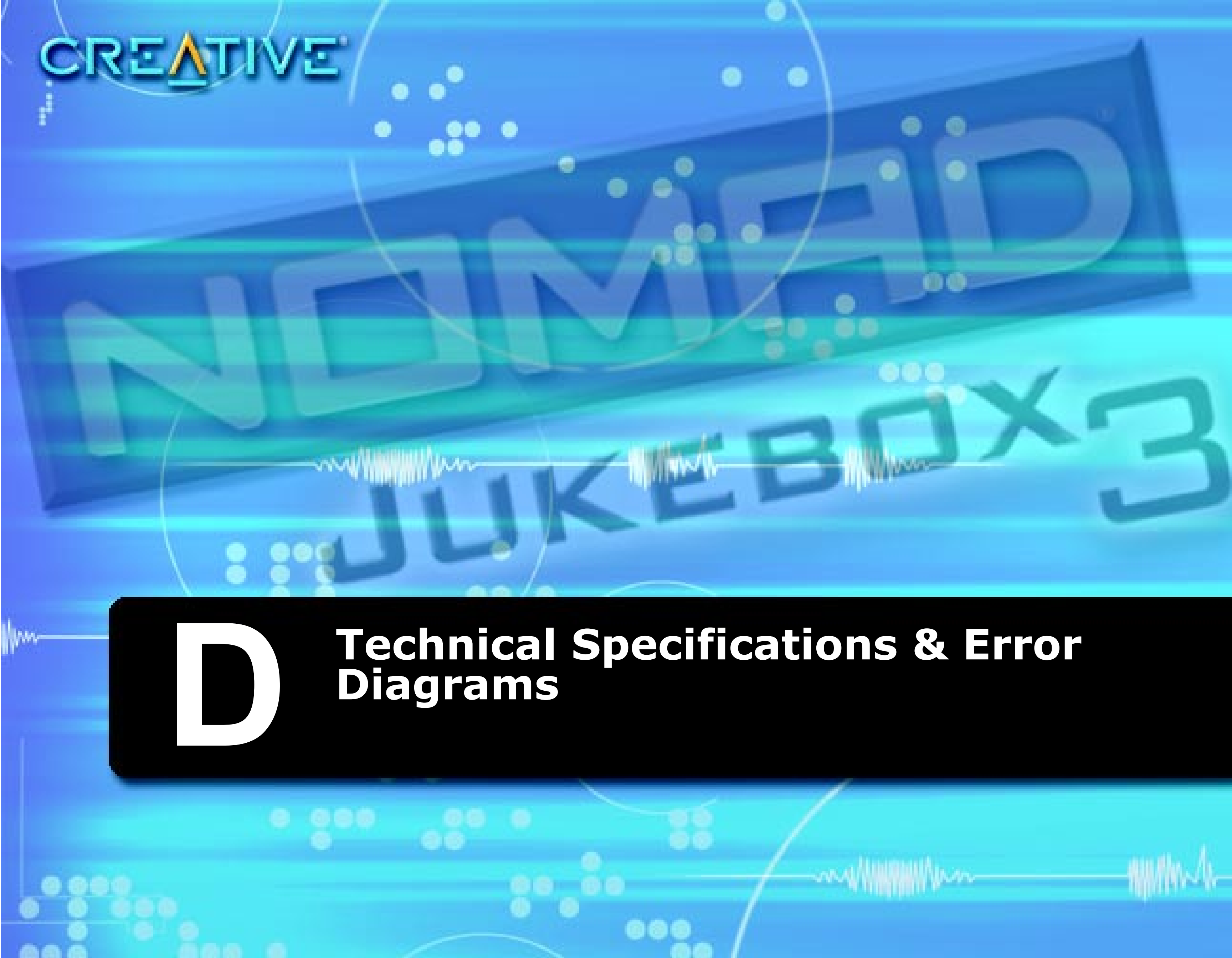
- Use only recommended batteries and accessories to avoid explosions, leaks, injury and damage to self and surroundings.
- Avoid operating the player with wet or damp hands.
- Avoid storing the player within reach of young children and infants to prevent accidents or injury.

Environment

- Store or use the player in a cool place.
- Do not store the player in areas with temperatures exceeding 113°F or 45°C.
- Do not leave your player exposed in the car on a sunny day.
- Keep your player away from strong magnetic fields, such as those generated by magnets or unshielded speakers.
- Do not immerse the player in water or expose it to excessive moisture.

Physical

- Do not attempt to disassemble or modify the player.
- Do not subject your player to excessive force or impact. Severe impacts can seriously damage your player.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D

Technical Specifications & Error Diagrams

Technical Specifications & Error Diagrams

Technical Specifications for your NOMAD Jukebox 3

Size (W x H x D)

❑ 4.84" x 5.12" x 1.38" or 123 mm x 130 mm x 35 mm

Weight

❑ 10.2 oz or 289 gms without batteries

Memory

❑ 16 MB SDRAM buffer

Capacity

❑ 10/20/30/40 GB hard drive (depending on your player model)

Battery Life (playback time)*

❑ Up to 11 or 22** hours of continuous playback from fully charged Lithium-Ion batteries
The following may reduce the playback time:

- playback of tracks encoded at bitrates higher than 128Kbps
- use of EAX effects or environments
- skipping, fast forward or reverse during playback
- using passive speakers or high-power headphones
- long backlight timeout setting (more than 10 secs)

Interface

❑ USB 1.1, CreativeLink, IR remote control, SB1394

Playback Formats***

❑ Wave
❑ MP3 (at 8, 11.025, 12, 16, 22.05, 24, 32 and 44.1 kHz)
❑ WMA (at 16, 22.05, 24, 32 and 44.1 kHz)

Recording Formats

❑ Wave
❑ MP3 (at 8, 11.025, 12, 16, 22.05, 24, 32, and 44.1 kHz)

---

* *Battery life estimated for playback of tracks encoded at 128Kbps.*

** *with a second Lithium-Ion battery*

****Audio codec support, firmware upgrades, and SDMI compliance are available from* ***www.nomadworld.com***

Signal to Noise Ratio

- Up to 98 dB (Line-Out)
- Up to 96 dB (Headphones)

Channel Separation

- Up to 98 dB (Line-Out)
- Up to 75 dB (Headphones)

THD

- <0.1%

Frequency Response

- 20 Hz~20000 Hz

Harmonic Distortion

- <0.1%

Operating System/Firmware

- Upgradeable via Internet

Line Input

- Wired Remote Microphone
- Optical/Line-In

Line outputs

- Two 1/8" stereo minijacks for front and rear speakers

Headphone Out

- 1/8" stereo minijack, 100 mW (Wide, Narrow, Front only)

LCD Display

- Large 132 x 64 pixel EL backlit display, in Cool Ocean Blue or Breezy Green

Data Connector

- USB
- SB1394

EAX

- Environment effects
- Parametric equalization
- Headphone spatialization
- 4-channel surround and playback speed
- Smart Volume Management

Playback Speed

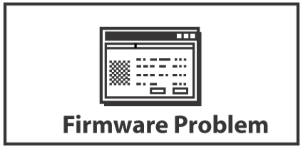
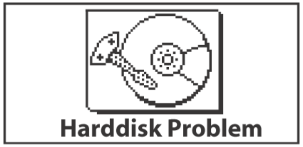
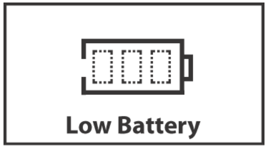
- Up to 1.5 times faster or slower for audio book content, WAV and MP3 audio playback

Audio Codec Support****

❑ MPEG Audio Layer 3 (MP3), WAV, WMA (with DRM) and future formats

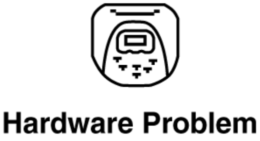
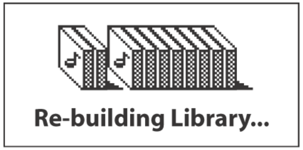
Understanding Error Diagrams

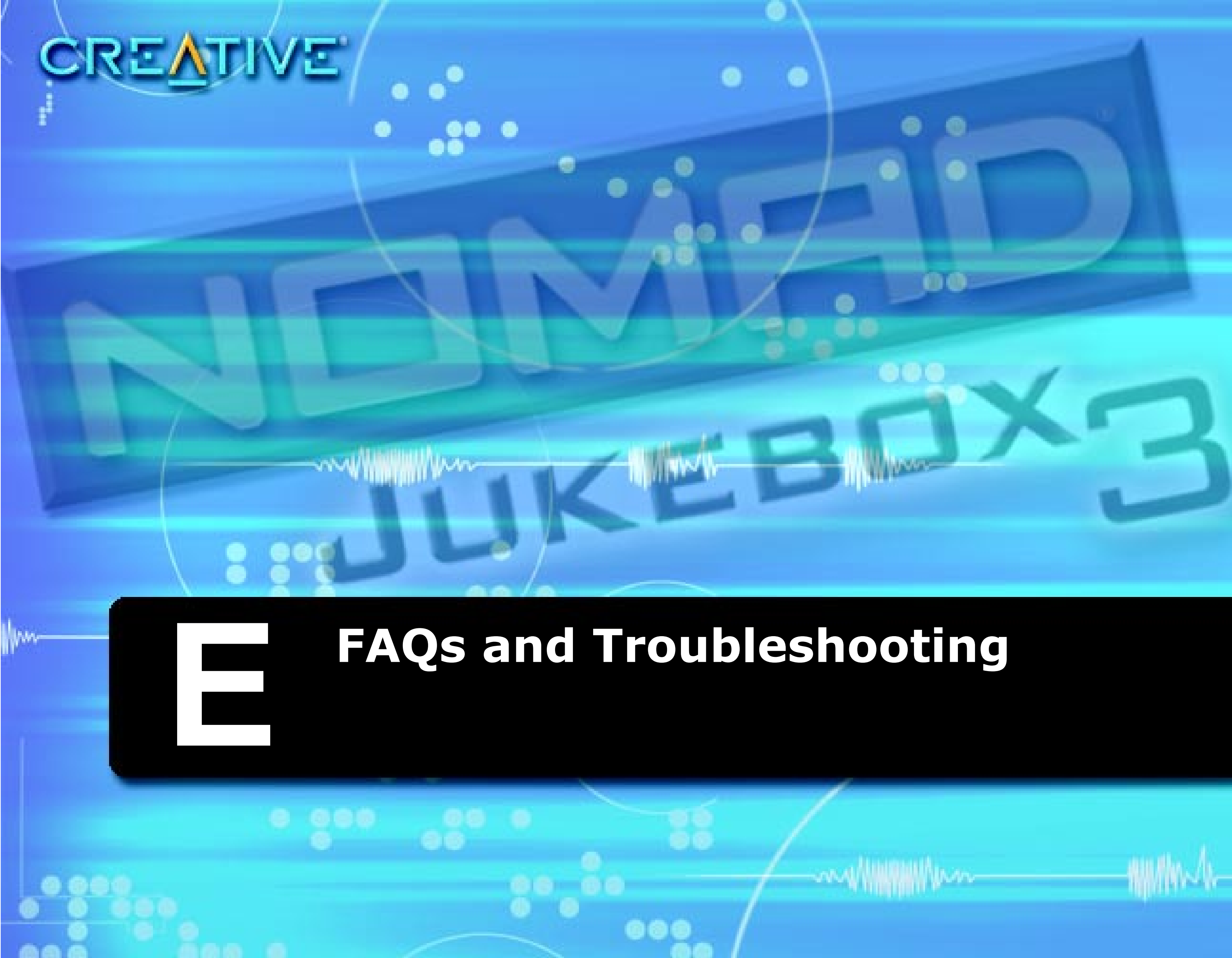
If an error occurs, you may see any one of the following diagrams, indicating the general nature of the problem.

Diagram	Likely Causes	Suggested Action
	❍ unexpected power loss while saving settings	❍ download a newer firmware version ❍ reload firmware ❍ call Technical Support
	❍ physical defects ❍ numerous high-impact shocks	❍ call Technical Support
	❍ battery is too depleted, player cannot start up	❍ recharge the battery ❍ use DC power

---

****Audio codec support, firmware upgrades, and SDMI compliance are available from **www.nomadworld.com**

Diagram	Likely Causes	Suggested Action
 Hardware Problem	❍ firmware corruption	❍ see actions for firmware problems
 Re-building Library...	❍ unexpected power loss during audio file transfer	❍ allow firmware to complete the rebuilding of the library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E

FAQs and Troubleshooting

Frequently Asked Questions (FAQs) and Troubleshooting

Frequently Asked Questions (FAQs)

In this chapter, we cover common problems you might encounter or questions you might have while using your NOMAD Jukebox 3.

We have divided the FAQ into a few categories for your easy reference.

AutoPlay

The installation does not start automatically after the Installation CD is inserted.

The AutoPlay feature in your Windows system may not be enabled.

To start the installation program through the My Computer shortcut menu

1. Double-click the "My Computer" icon on your Windows desktop.
2. Right-click the CD-ROM drive icon.
3. On the shortcut menu, click "AutoPlay" and follow the onscreen instructions.

To enable AutoPlay through Auto Insert Notification

1. Click "Start" -> "Settings" -> "Control Panel".
2. Double-click the "System" icon. The "System Properties" dialog box appears.
3. Click the "Device Manager" tab and select your CD-ROM drive.
4. Click the "Properties" button.
5. Click the "Settings" tab and select "Auto Insert Notification".
6. Click the "OK" button.

Features

Why do I need two Line-out jacks?

They are for front and rear speakers. For example, if you have a Creative Inspire 4.1 speaker system, you can connect the front speakers to Line-Out Jack 1, and the rear ones to Line-Out Jack 2.

If I make a bookmark in a track, will the track play back from the bookmarked point?

No, you have to manually select "GO TO BOOKMARK". See "To play the track from the bookmarked point" on page 3-20 for more information.

If the Playing List already has a few albums in it, can I repeat playback of just one album?

Unfortunately, no. You can only choose to repeat one track, or all tracks.

Why does my player show me track titles starting with "B" when I'm looking for a track title starting with "A"?

When you look for a track using the FIND feature, your player looks for the closest match. If you do not have any tracks starting with "A", the closest match can be "B".

Can I connect the player to an IEEE 1394 port on my computer? Do I have to have an SB1394 port?

You can connect your player to a standard IEEE 1394 port. SB1394 and IEEE 1394 are compatible.

General

Where can I get official information on all Jukebox products?

Visit NOMADworld for updates and downloads relating to all Jukebox products, Creative's MP3 players and accessories.

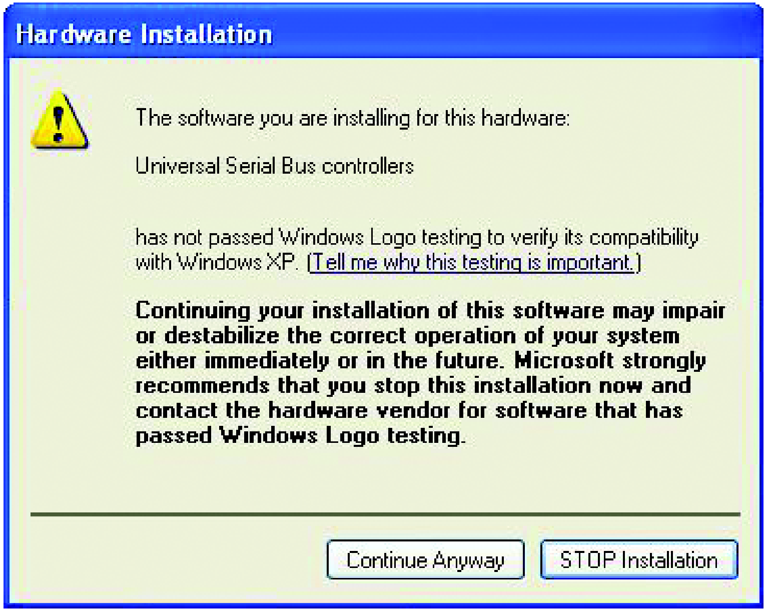
Visit www.NOMADworld.com

My player seems to have frozen. Is there anything I can do?

You can reset your player. Turn your player over, and insert the end of a straightened paper clip into the Reset hole. If your player is still unresponsive, call Technical Support.

Windows XP tells me that the software for the player is not certified. What do I do?

At the time of this product's release, Microsoft strongly encouraged companies to submit their hardware solutions for certification. If a hardware device driver is not submitted, or does not qualify, for Microsoft certification, a warning message similar to the one below appears.



The software you are installing for this hardware:

Universal Serial Bus controllers

has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)

Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.

You may see this message when installing this driver or update. If you do, you may choose to click the Continue Anyway button. Creative has tested this driver or update on Windows XP, and it does not impair or destabilize your computer.

If you need more XP-related information, go to the product web site's Help or speak with Creative Technical Support staff.

How can I get accessories for my Jukebox?

Visit www.NOMADworld.com for the latest news on accessories.

Can I hear audio from my player without using headphones?

Yes! Your player has 2 pairs of Line-Out connectors, to which you can connect normal stereo speakers, or such speakers as the Creative Inspire 4.1 speakers for immersive surround sound.

For a two speaker set, use Line Out 1.

For a great listening experience, use one of the following Creative range of speakers to complement your player:

- Creative Inspire 2.1 2400
- Creative Inspire 2.1 Slim 2600
- Creative Inspire 4.1 4400

Note: *Some of these models may not be available in your region. Check www.creative.com for details.*

Maintenance

Do I need to defragment the player's hard disk?

No, you will not need to defragment, format or clean up the hard disk at all. The player's unique file system ensures that you will not have to worry about hard disk maintenance.

Usage

Can I jog with my NOMAD Jukebox 3?

You should not subject your player to continuous shocks, such as those that are likely to occur while you jog or run. You can take a nice long walk with your player, though.

Can I use the NOMAD Jukebox 3 for portable data storage?

Yes, you can. However, the Jukebox is designed for storing and playing audio, not as an extra hard drive. You can use the USB or SB1394 cable for speedy transfers to and from your player.

Use the File Manager application to help you manage data files.

I have to recharge the battery quite often. Is there anything I can do to make it last longer?

Generally, any operation requiring the player to access the hard disk uses battery power. Consequently, filling your player to capacity is not recommended. However, some operations consume more battery power:

- a long backlight timeout setting. A shorter timeout conserves battery power.
- a high contrast setting. Position the player so that you can read the display wihout using a high contrast setting.
- too much use of fast forward/reverse.
- turning the player on/off too many times.
- use of EAX effects or environments.
- use of passive speakers or high-powered headphones.

Proper charging and handling of the battery can also help in prolonging battery life and charge. See "Battery handling" on page C-1.

Should I leave my player plugged into the DC adapter?

No, you should not. After charging the battery or using the player, disconnect it from the DC power adapter. Leaving it plugged in leads to heat buildup, which is not good for the player or the battery.

I’m having some trouble using other types of rechargeable batteries with my player. Can I use other types of batteries?

No, you should only use the recommended batteries, either supplied with your package, or purchased from NOMADworld. We do not recommend that you use other types of batteries. Usage of other batteries may cause damage to the player or injury to yourself.

If I damage or lose my DC adapter, can I buy a similar, off-the-shelf adapter?

No. The adapter may not be compatible with your player, and may even damage it. You should get a replacement adapter from Creative at www.NOMADworld.com, or your local Creative office/distributor.

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F

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