How to use this manual

This document has been designed to provide you with complete product knowledge. You can resize the document window, print this document, access linked web sites and get information from specially prepared graphics.

• To jump to a linked topic or a web site, click the underlined blue text, or the hand symbol $\sqrt[4]{}$ whenever it appears.

• To show a short description (tooltip) of an object, move your mouse cursor over it. A tooltip appears after a few seconds.

You can choose to print portions of this document:

- 1. On the Contents tabbed page to your left, click a topic heading.
- On the menu, click the Print button.

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Introduction

Congratulations on purchasing Creative ZenTM Neeon! Zen Neeon comes equipped with a USB 2.0 connector, so you can transfer audio tracks and data quickly and easily. Connect your player to external audio devices, such as CD players, to record CD audio tracks to your player.

Minimum System Requirements

- Microsoft[®] Windows[®] XP, Windows Millennium Edition (Me), Windows 2000 or Windows 98 Second Edition (SE)
- Intel® Pentium[®] II 233 MHz, or AMD-K6[®]-2 266 MHz
- 64 MB RAM
- 170 MB available hard disk space
- CD-ROM/DVD-ROM drive
- USB 1.1 (USB 2.0 port recommended for faster transfer speeds)
- Internet access for Music Service Provider support (optional)

Note

• The software applications on the Creative Zen Neeon CD may have higher requirements for basic functionality. Refer to each application's documentation for details.

A Tour of Your Player

- <u>Your Player at a Glance</u>
- <u>Turning Your Player On/Off</u>
- <u>Using the Scroller</u>
- <u>Learning About Player Modes</u>
- <u>Storing Tracks in Folders</u>
- Locking and Unlocking Your Player
- Formatting Your Player
- <u>Resetting Your Player</u>

Your Player at a Glance



| | Button/Connector | What It Does | Usage Tips |
|----|--|--|--|
| 1. | Power On / Off, Play / Pause and Record button | Turns your player on and off. Enables various functions, depending on the mode you are in. | To turn your player on, press and hold for one second. To turn your player off, press and hold until the screen turns off. Press this button to play, pause or continue tracks and recordings. Switches between FM Preset and Manual Scan modes. (FM radio is only available with selected models.) |
| 2. | Scroller | Displays and selects Menu options on the OLED display. For more information, see <u>Using the</u> <u>Scroller</u> . | Move and hold the Scroller in either direction to scroll up or down continuously. In a menu, press and hold to return to the current mode view. Move and hold the Scroller towards and a start of a start move back or ahead within a track. Move the Scroller towards and or start of the go to the previous or next track. In Music, FM, Microphone or Line-In Recording mode, press and hold to display the Mode menu. In FM Radio mode, scroll up or down to change radio or preset channels. (FM radio is only available with selected models.) In Microphone and Line-In Recording mode, press to end a recording. |
| 3. | OLED display | | |
| | | | Press to increase or decrease the volume incrementally. |

| 4. | Volume Increase / Decrease buttons | Increases / decreases the volume. | Press and hold to increase or decrease the volume quickly. |
|-----|---------------------------------------|--|--|
| 5. | Button Lock switch | Locks or unlocks the player | Move the switch towards \mathbf{a} to lock your player. Move the switch away from \mathbf{a} to unlock your player. |
| 6. | Reset button | Resets your player | |
| 7. | Microphone | Records voices | Select a recording format and bitrate to record WAV or MP3 files. |
| 8. | Line-In jack | Connect your audio sources to this jack to make line-in recordings. | Select a recording format and bitrate to record WAV or MP3 files. |
| 9. | Headphone jack | Connect your headphones or earphones to this jack. | |
| 10. | USB / power adapter connector | Connect your USB cable or power adapter (available separately) to this connector. For more information on this and other Zen Neeon accessories, visit www.creative.com. | 0 |

Turning Your Player On/Off

To turn on your player

Press and hold the Play/Pause button **P** for one second. After a while, the **Zen Neeon** logo appears on the screen.

To turn off your player

Press and hold the Play/Pause button 🗩 until the screen turns off.



Note

• If your player contains no audio tracks, the message "No Music" appears on the screen.

Using the Scroller

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Most of the player's functions are accessed using the Scroller. It is therefore important that you learn how to use the Scroller.

Selecting Menu options: We use the term "Scroll-select" when we want you to use the Scroller to scroll to a menu option, and then select it by pressing the Scroller.

- 1. Turn the Scroller to scroll through menu options on your OLED display until the option that you want, such as **Play Mode** (*n*), is highlighted.
- Press the Scroller to select this menu option.

During playback: Turn the Scroller to move between tracks, or turn and hold the Scroller to move within a track.

Learning About Player Modes

Your player has four modes: Music, Line-In Recording, FM Radio and Microphone.

Note

• FM radio is only available with selected models.

In all modes, you can:

- Configure player settings.
- Enable Music mode, to play tracks and recordings.
- Enable Microphone mode, to create voice recordings.
- Enable FM Radio mode, to listen to FM radio and create radio recordings.
- Enable Line-In Recording mode, to create line-in recordings.

In Music mode, you can also:

- Browse the contents of your player.
- Access playlists you created and transferred from your computer.
- Select a play mode, to change the play sequence of tracks.
- Select an equalizer (EQ) setting to enhance your audio.
- Select tracks and recordings to delete.

In Line-In Recording mode, you can also:

- Make line-in recordings
- Browse line-in recordings.
- Adjust the bitrate (quality) and format (WAV or MP3) of line-in recordings.

• Enable the **Track Detection** function. This enables your player to automatically start a new recording when it detects a two-second track gap from the line-in source.

• Select recordings to delete.

In FM Radio mode, you can also:

- Make FM recordings.
- Browse FM recordings.
- Select the Scroller mode: Preset or Manual scan, for tuning to an FM channel.
- Save the current FM channel as a radio preset.
- Delete a radio preset.
- Use the Autoscan function. The player scans and stores all radio stations that it

can receive. At the end of the autoscan, it automatically saves all stations as presets and tunes in to the first preset.

In Microphone mode, you can also:

- Browse voice recordings.
- Adjust the bitrate (quality) and format (WAV or MP3) of voice recordings.
- Select recordings to delete.

In each mode, the menu options available to you differ. Your player's Scroller has additional functions in each mode. For more information, see <u>Your Player at</u> <u>a Glance</u>.

Storing Tracks in Folders

Your player stores audio tracks in folders. You can store tracks in the root (first level) folder or default library folders (Library A, Library B or Library C) created by your player. You can only store up to a maximum number of 500 tracks per folder. If an error message appears, telling you that a folder has exceeded the maximum number of allowed tracks, transfer the additional tracks to another folder containing less than 500 tracks.



Locking and Unlocking Your Player

Lock your player when you want to prevent buttons from being accidently pressed, such as when your player is in your pocket or bag. When you lock your player, you can see the lock icon 🖻 on your player's screen.



Locking your player

Move the switch toward the \mathbf{a} icon.

Unlocking your player

Move the switch away from the \triangle icon.

Formatting Your Player

You can format your player if your player gets corrupted and starts performing erratically. Before formatting your player, back up the files in your player first because all songs and data files are deleted during formatting.

- 1. Connect your player to your computer's USB port using the supplied USB cable.
- Double-click the **My Computer** icon on your desktop.
- Click the **Zen Neeon Media Explorer** icon.
- Click the **Initialize** < button.

• After the formatting is complete, make sure you stop your player before disconnecting it from your computer. For instructions on stopping your player, see <u>Step 5: Stopping Your Player Properly</u>.

Note

• If you are prompted to choose the file system for formatting, select only **FAT32**.

Resetting Your Player

If your player stops responding, reset the player. This should not cause you to lose any audio tracks or data files, unless you were in the middle of transferring content.

Before resetting your player, disconnect the USB cable or power adapter (available separately) from your player.

To reset the player

Gently push the end of a thin object (like a pin or straightened paperclip) into the Reset button.



Getting Started

- <u>Step 1: Set Up Software</u>
- <u>Step 2: Turn On Player</u>
- <u>Step 3: Charge the Battery</u>
- <u>Step 4: Rip and Copy Music</u>
- <u>Step 5: Stopping Your Player Properly</u>

Step 1: Set Up Software

DO NOT connect your player to your computer before setting up the software.

 Turn on your computer. If you have Windows XP or Windows 2000, you must log in as an administrator in Windows before you can set up the software. For more information, refer to your operating system's online Help.

• Insert the Installation and Applications CD into your CD-ROM/DVD-ROM drive. Your CD should start automatically. If it does not, follow the steps below:

- 1. Double-click the **My Computer** icon. Alternatively, click **Start** \rightarrow **My Computer**.
- Right-click the CD-ROM/DVD-ROM drive icon, and then click **AutoPlay**.
- Follow the instructions on the screen.
- When prompted, restart your computer.
- When your computer restarts, follow the product registration instructions on the screen.

Note that you require an Internet connection to register your product.

• When prompted, connect your player to your computer's USB port using the supplied USB cable.



Step 2: Turn On Player

Your player comes preloaded with some music to get you started immediately.

- 1. Press and hold the Play/Pause **Determined** button until your player turns on.
- Press the Play/Pause 🗩 button to play the preloaded content.
- When you turn on your player for the first time, the menu will be in English. To change the language:
 - 1. Press the scroller.
- Scroll-select the Settings 🍪 option.
- Scroll-select the Language 🎾 option.
- Scroll-select a language.
- After you have finished using your player, press and hold the Play/Pause **D** button until the screen turns off.

Warning!

• Remember to set the volume at a moderate level. Listening to music at high volumes can impair your hearing.

• For your safety and the safety of others, do not use headphones or earphones while driving or cycling.

Step 3: Charge the Battery

You can charge your battery by by connecting your player to your computer's USB port using the supplied USB cable or connecting your player to a power outlet using a power adapter (available separately). A fully charged battery should last for about sixteen hours.

Using the USB Cable

1. Make sure your player is connected to your computer's USB port with the supplied USB cable. Connect to a computer USB port only; avoid connecting to a USB hub.

• When the battery is charging, the battery charging icon 59 flashes on the OLED display.

• Disconnect your player from your computer when the battery is fully charged and you see 🕶 on your player's OLED display. It takes approximately six hours to charge your player fully.

When charging the battery:

• Avoid transferring files between your player and computer as this may lengthen the charging time.

For continuous charging:

• Make sure your computer does not enter power conservation mode, for example, Standby or Hibernation. For more information, refer to your operating system's Help.

Warning!

• For Windows 98 SE only: DO NOT charge your player's battery via the USB cable until after you have installed the software.

Note

• The amount of playback time available depends on various factors, such as the type of earphones you are using. For more information, see <u>Usage</u>.

Using the Power Adapter (available separately)

Connect one end of the power adapter (available separately) to the wall outlet and the other end to your player's power adapter connector, as shown below. When 🔄 appears on your player's OLED display, your player is fully charged. Charging your battery for the first time takes about three hours.



Note

• The amount of playback time available depends on various factors, such as the type of earphones you are using. For more information, see <u>Usage</u>.

Power Source and Level Indicators

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

| Icon | What the icon means | Notes |
|------------|---|---|
| | Your player is running from battery power. | This battery state icon shows that the battery is fully charged. |
| | Your player's battery is 60% full. | |
| | Your player's battery is 30% full. | Charging your battery when it is 30% full may help prolong your battery's life. |
| | Your player's battery is empty. | Charge your battery at the earliest opportunity. |
| [4] | Your player is running from external power and is charging the battery. | Charge the battery fully before disconnecting the player from the power outlet. While charging, the icon alternates between this icon and a battery state icon, showing the approximate level of charge. |
| (4) | Your player is running from external power and has finished charging the battery. | To use battery power, disconnect the player from the power outlet. |

Step 4: Rip and Copy Music

Rip music from your CD collection to your player, or copy audio files (such as music you have purchased online) from your computer.

To rip music from your CD collection

- 1. With your player connected to your computer, double-click the **My Computer** icon on your desktop.
- Double-click the **Zen Neeon Media Explorer** 📕 icon.
- Click the **Rip Audio CD Tracks to Device** option.
- Follow the instructions on the screen.

If you are connected to the Internet, album information is automatically retrieved.

To copy audio files from your computer

1. With your player connected to your computer, double-click the **My Computer** icon on your desktop.

You will notice that your player is recognized as a Removable Disk.

• Locate your audio files (MP3 or WMA files) on your computer and copy them to your player using the drag-and-drop method.

Note that you can also transfer data files using this drag-and-drop method.

Note

• WMA files with Digital Rights Management (DRM) cannot be copied to your player using Windows Explorer. You can only do so with applications that support this technology, such as Zen Neeon Media Explorer and Creative MediaSourceTM.

• Tracks with names exceeding 31 characters are shown truncated on your player.

Step 5: Stopping Your Player Properly

Before disconnecting your player from your computer, use the **Windows Eject** or **Safely Remove Hardware** icon and the Taskbar to safely disconnect your player. If your player is not disconnected safely, the content may become corrupted and the player will not function correctly. Follow these steps below to safely disconnect your player:

In Windows XP, Windows 2000 and Windows Me

- 1. Click the **Safely Remove Hardware** icon ^{See} on the Taskbar and click **Safely remove USB Mass Storage Device** as shown.
- Unplug your player when you are prompted to do so.



In Windows 98 SE

1. Wait at least 10 seconds after all file transfers are completed.

• In Windows Explorer, right-click the **Removable Disk** icon and click **Eject** and disconnect your player when you are prompted to do so.



Using Your Player

- Playing Audio Tracks
- Deleting Audio Tracks
- Managing Audio Tracks
- <u>Using Playlists</u>
- Listening to FM Radio
- <u>Making Recordings</u>
- <u>Playing Recordings</u>
- <u>Settings and Preferences</u>

Playing Audio Tracks

Audio selections have been preloaded to your player to get you started quickly. If you wish to listen to music immediately, just press the Play/Pause button **Deriv**.

You can enhance your Zen Neeon experience by using <u>play modes</u>, <u>playlists</u> and <u>equalizer presets (EQ)</u>.

To play a track

- 1. If you're not already in Music mode, press the Scroller, and scroll-select **Mode**.
- Scroll-select Music.
- Press the Scroller again, then scroll-select Browse.
- Scroll-select a track.

To pause a track

Press the Play/Pause button **•**. Press the button again to continue playback.

To play an album or a collection of tracks

- 1. Create a <u>playlist</u> with Zen Neeon Media Explorer or Creative MediaSource.
- <u>Transfer</u> the playlist to your player.
- Play the playlist. For more information, see <u>Play Modes</u>.

To play all tracks, in random order

- 1. Press the Scroller.
- Scroll-select Random Play All 🚧.

To adjust the volume level

Press the volume buttons **THE** to increase or decrease the volume level.

Note

- Audio tracks are sorted in alphanumeric order.
- To add audio tracks to your player, see <u>Step 4: Rip and Copy Music</u>.

Tip

• You can select different play modes to vary the playback order. For more information, see <u>Play Modes</u>.

Overview of the Music screen



| | Display Element | |
|----|----------------------------|--|
| 1. | Music mode | |
| 2. | Play status icon | |
| 3. | Elapsed time | |
| 4. | EQ Status | |
| 5. | Play mode icon | |
| 6. | Lock icon | |
| 7. | Battery level indicator | |
| 8. | Current playing track name | |

Deleting Audio Tracks

This action permanently deletes tracks from your player.

To delete a track

- 1. If you're not already in Music mode, press the Scroller, and scroll-select **Mode**.
- Scroll-select Music.
- Scroll to the track you want to delete.
- Scroll-select **Delete**.
- Scroll-select **Delete.**

The track is permanently deleted from your player.

Repeat steps 2 to 4 to delete more tracks.

Managing Audio Tracks

Zen Neeon Media Explorer and Creative MediaSource are included with your player. These applications can be installed when you set up your software. See <u>Managing Music and Data</u> for more information.

Using Playlists

You can instantly create a collection of audio tracks (a playlist) with Zen Neeon Media Explorer and Creative MediaSource. For more information on creating playlists, see the online Help for these applications.

To play tracks in a playlist

- 1. In Music mode, press the Scroller.
- Scroll-select **Playlists**.
- Scroll-select a playlist.
- Press the Play/Pause button to start playback.

Note

• To ensure proper playback of a playlist, add only tracks that are from the same Library folder (for example, Root Library or Library A).

Listening to FM Radio

You can manually scan for FM radio stations one at a time, or automatically scan for all available stations. You can save up to 32 radio presets.

FM Radio has two views: Tuning and Preset. To manually scan for FM radio stations, you have to be in the Tuning view. If you have saved radio presets, you can select them by switching to the Preset view.

You can listen to FM Radio when you connect your headphones or earphones to your player.

Note

Overview of the FM Radio screen



Note

Changing the FM region

The FM radio broadcast frequency range in most countries is the same, so your player's default FM region is **International**.

Note

Switching to FM Preset view or Manual Scan view

In FM Preset view, you can see the preset stations and scroll from one preset station to another. If you need to fine-tune a radio channel, switch to Manual Scan view.

- 1. Scroll-select Mode.
- Scroll-select **FM Radio**. A radio frequency appears on the OLED display.
- Press the Scroller again.

• Scroll-select **Scroller: Tuning** or **Scroller: Preset** to display FM Preset view(1) or Manual Scan view (2).



Tip

- You can also press the Play/Pause button 🗩 to switch to the other view while playing a station.
- Use the <u>Autoscan</u> function to quickly preset radio stations.

Note

Autoscanning

- 1. Scroll-select Mode.
- Scroll-select **FM Radio**. A radio frequency appears on the OLED display.
- Press the Scroller again.

• Scroll-select **Autoscan**. The player scans and stores stations it detects. At the end of the autoscan, it automatically saves all stations as presets and tunes in to the first preset.

Note

- Performing an autoscan operation over-writes any previously saved preset stations.
- FM radio is only available with selected models.
Setting a preset station manually

- 1. Scroll-select **Mode**.
- Scroll-select **FM Radio**. A radio frequency appears on the OLED display.

• If you see a preset station, press the **Play/Pause** button **P** to switch to Manual Scan view. The preset station disappears.



- To scan for a station, move the Scroller up or down, and hold for one second.
- Press the Scroller again.
- Scroll-select **Save Preset**.
- Scroll-select the preset number you want to store your station.
- Repeat steps 2 to 6 to store another station.

Note

• FM radio is only available with selected models.

Selecting a preset

- 1. Scroll-select Mode.
- Scroll-select **FM Radio**. A radio frequency appears on the OLED display.
- Scroll to the preset station you want.

Note

• FM radio is only available with selected models.

Deleting a preset station

- 1. Scroll-select Mode.
- Scroll-select **FM Radio**. A radio frequency appears on the OLED display.
- Scroll to the preset station you want.
- Press the Scroller again.
- Scroll-select **Delete Preset**.
- Scroll-select **Delete Preset <number>**. The preset station is deleted.

Note

- If you do not see a preset station, press the Play/Pause button.
- FM radio is only available with selected models.

Making Recordings

You can make microphone, FM radio and Line-In recordings and have them encoded directly into WAV or MP3 file formats.

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

- available space in your player
- battery power remaining in your player

Note

• FM radio is only available with selected models.

Making a microphone recording

- 1. Press the Scroller.
- Scroll-select **Mode**.
- Scroll-select the **Microphone** \mathfrak{L} icon. The recording bar appears onscreen.
- Press the **Play/Pause** button **•** to start the recording. Press the button again to pause, and again to continue the recording.
- Press the Scroller to end the recording.

A name is automatically assigned to your recording and it is saved in your player. The naming convention used is: **VOC [Current File Number]**.

Overview of Microphone Recording screen

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



Making an FM Radio recording

- 1. Press the Scroller.
- Scroll-select **Mode**.
- Select the **FM Radio** icon . A radio frequency appears on the OLED display.
- Press the Scroller again.
- Select the **Record FM** icon ³_{FM}. A recording bar appears on the OLED display and recording starts.
- Press the Scroller to end the recording.

A name is automatically assigned to your FM radio recording and the file is saved in your player. The naming convention typically used is: **FM [Current File Number]**.

Note

• FM radio is only available with selected models.

Overview of FM Radio Recording Screen

When recording FM radio, you can see the time available for recording, and the elapsed recording time. The FM Radio mode icon appears in the bottom-left corner of the OLED display.



Note

• FM radio is only available with selected models.

Making a Line-In Recording

You can record audio from a line-in source and encode directly into an MP3 file.

- 1. Press the Scroller.
- Scroll-select Mode.
- Scroll-select the **Line-In Recording** icon 🚟.
- Connect the Line-In source to your player with the Line-In Recording cable.
- Press the **Play/Pause** button **•** to start the recording.
- Begin playback on the Line-In source.
- Press the button again to pause and resume the recording.
- Press the Scroller to end the recording.

A name is automatically assigned to your recording and it is saved in your player. The naming convention used is: **LINE** [Current File Number].

Tip

• Use the <u>Track Detection</u> function to split up your recording into separate tracks.

Overview of Line-In Recording Screen

When making a Line-In recording, you can see the time available for recording, and the elapsed recording time. The Line-In Recording mode icon appears in the bottom-left corner of the OLED display.



Enabling Track Detection

Activate the **Track Detection** function to have your player automatically start a new recording file when it detects a track gap (two seconds of silence) from the Line-In source.

- 1. From the Line-In Recording screen, press the Scroller.
- Scroll-select the **Track Detection T.D.** icon.
- To activate Track Detection, scroll-select **On**. Otherwise, scroll-select **Off**.

Note

• You cannot activate the Track Detection function when you have the **<u>Recording Bitrate</u>** set at **32 kbps, WAV**.

Adjusting Recording Quality

You can vary the quality of your FM, line-in or microphone recordings by selecting a bitrate setting.

Note

• FM radio is only available with selected models.

To change the recording quality

- 1. In FM Preset, Manual Scan, Line-In Recording or Microphone view, press the Scroller.
- Scroll-select **Recording Bitrate**.

| Recording Bitrate | |
|-------------------|---|
| 32 kbps, WAV | ÷ |
| 96 kbps, MP3 | |
| 128 kbps, MP3 | |

• Scroll-select the bitrate and file format you want.

Playing Recordings

You can easily play back the tracks you have recorded. In Music mode, your player displays the elapsed time, track number and file name of the recorded track.

To play a recording in Music mode

- 1. If you're not already in Music mode, press the Scroller and scroll-select Mode, and then Scroll-select **Music**.
- Scroll-select **Browse**.
- Scroll-select **Recorded**.
- Scroll-select the track you want. The track plays automatically.

To play a recording in FM Radio, Microphone or Line-In Recording modes

- 1. Press the Scroller.
- Scroll-select **Recorded Tracks**.
- Scroll-select the track you want. The track plays automatically.

Note

- Filenames of recorded tracks have different naming conventions:
- VOC microphone recording
- LINE Line-In recording
- FM FM Radio recording
- FM radio is only available with selected models.

Settings and Preferences

- <u>Settings</u>
- <u>Play Modes</u>
 <u>Enhancing Audio with EQ</u>

Settings 😂

Settings is a collection of options that enable you to adjust your preferences. You can adjust preset display settings such as Contrast or Display Timer, change your player's default language and view useful information such as available memory space.

After selecting a setting, use the Scroller to adjust the setting.

- 1. Press the Scroller.
- Scroll-select the **Settings** 😳 option.
- Scroll-select one of the following options:
 - **Contrast ①** Adjusts the contrast of the OLED display.

• Display Timer 🗮

Adjusts how long your player remains inactive before it automatically shuts down your player's OLED display. Your player, however, is still turned on.

• Language 🞾

Sets the default language displayed on the OLED display.

• Screen Saver 📟

Sets the screensaver to display after your player is inactive for 15 seconds.

• Idle shutdown 🖒

Adjusts how long your player remains inactive before it automatically shuts down.

• Information 🚺

Displays your player's firmware version, total memory space, available memory space and number of tracks currently in your player.

• Back ←

Returns to the previous menu.

Play Modes

Your player has Play Modes that allow you to change how your tracks are played back. Play Modes are disabled by selecting the "<u>Normal</u>" mode.

The following Play Modes are available:

| Play Mode | Icon | Play Mode | Icon |
|---------------|------|----------------|------|
| A-B | A↔B | Track Once | X1 |
| Repeat Track | Ð1 | Shuffle Repeat | ¢P |
| Repeat All | Ð | Shuffle Once | ¢91 |
| Repeat Folder | € | Shuffle Folder | ¢₽Ŀ |
| Normal | | | |

Note

Only one Play Mode can be enabled at a time.

Selecting a Play Mode

- 1. Press the Scroller.
- Scroll-select **Play Mode**. A list of play modes appears.

Depending on which mode you want, follow the corresponding step:

A-B ^{A↔B}

This mode repeats a section of a track. You must be playing a track before selecting this play mode.

- 1. Scroll-select **A-B**.
- Press the Scroller to mark the beginning of the section.
- Press the Scroller to mark the end of the section.

Your player starts playing from the beginning of the section.

Repeat Track **1**

Scroll-select Repeat Track.

The track is repeated continuously until you stop it or skip to another track.

Repeat All 🔊

Scroll-select the **Repeat All** icon.

All tracks are repeated continuously until you stop playback.

Track Once X1

Scroll-select the **Track Once** icon.

Playback stops once the current track ends.

Shuffle Repeat 🐼

Scroll-select the **Shuffle Repeat** icon.

Tracks are selected in random sequence and played back continuously until you stop playback.

Shuffle Once 🖓 1

Scroll-select the **Shuffle Once** icon.

Tracks are selected in random sequence and played back once.

Shuffle Folder 🚧

Scroll-select the **Shuffle Folder** icon.

The **Shuffle Folder** icon appears on the OLED display. Folders are selected in random sequence and tracks in a folder are played back once, in sequence.

Normal

Scroll-select Normal.

This disables all other play modes. All tracks play back normally.

Enhancing Audio with EQ

EQ is a collection of equalizer settings that can enhance the sound of your audio. Select preset settings such as Rock or Jazz, or customize your own setting.

- 1. Press the Scroller.
- Scroll-select the **EQ W** option, a list appears.

| EQ | |
|-----------|---|
| 🖽 Pop | |
| Custom EQ | ġ |
| 岐梁 Normal | |

- Scroll-select one of the following options:
 - Rock
- Jazz
- Classical
- Pop
- Custom EQ
- Normal

Configuring a Custom EQ

1. Scroll-select the **Custom EQ** option.



Five vertical control sliders appear in the OLED display, each lever controlling successively higher frequencies.

62 controls the bass, **250** adjusts the lower mid-range, **1k** adjusts the the mid-range, **4k** adjusts the upper mid-range, and **16k** adjusts the treble.

- Scroll-select a control level.
- Move the Scroller left or right to adjust the level.
- Select **S**, and press the Scroller to confirm the Custom EQ setting.
- Repeat steps 2 to 4 to adjust another control level.

Managing Music and Data

Zen Neeon Media Explorer and Creative MediaSource are included with your player. Install and try out both applications to decide which one is more suitable for your needs.

- About Zen Neeon Media Explorer
- <u>About Creative MediaSource</u>

About Zen Neeon Media Explorer

Use Zen Neeon Media Explorer if:

- you are new to MP3 and WMA ripping and want to build up a library
- you prefer to manage your Zen Neeon as a removable disk drive

To start Zen Neeon Media Explorer

Click the **Zen Neeon Media Explorer l** icon under My Computer or on the Taskbar.

About Creative MediaSource

Use Creative MediaSource if:

- you frequently need to playback or organize music in your computer
- you require other features such as recording and audio conversion

To start Creative MediaSource

Double-click the Creative MediaSource icon on your desktop. For more information about using Creative MediaSource, double-click the Creative MediaSource icon on your desktop, refer to the Creative MediaSource online Help, which offers a comprehensive **How do I** section.

| Software Update Help Contents | |
|----------------------------------|--|
| How Do I 🔹 🕨 | How do I import tracks into the PC Music Library? |
| | How do I play tracks from selected albums? |
| About Creative MediaSource | How do I rip tracks from an Audio CD ? |
| | How can I view and manage the play queue? |
| | How can I locate a track? |
| | How can I convert my old tapes or vinyl records to MP3 files? |
| | How do I play audio CDs? |
| | How do I select a play mode? |
| | How do I select a playback or recording source? |
| | How do I select a recording source and format? |
| | How can I set a consistent volume level when I listen to tracks? |
| | How do I change track information? |
| | How do I create and delete playlists? |
| | How do I make an audio CD? |
| | How do I make an MP3 CD? |

Onscreen Diagram and Icon Guide

- <u>Play Status Icons</u>
- <u>Menu Icons</u>
- Information Diagrams

Play Status Icons

Play status icons appear at the left side of the OLED display.



Menu Icons

| Select this Icon to | Do this |
|------------------------|--|
| ¥1 | Browse tracks in your player |
| E• | Select playlists |
| ≣• ⊳⊷ | Enable the Random Play All play mode |
| N | Select a play mode |
| <u> </u> | Select an equalizer preset to enhance audio |
| Ê | Delete the current track |
| 9 19 19 | Change player settings |
| Ś. | Go to the Mode menu |
| ^ | Go to Music mode |
| 9 | Go to Microphone mode |
| (?) (100) | Go to FM Radio mode. FM radio is only available with selected models. |
| FM | Start Autoscan. Player scans and stores all radio stations that it can receive. At the end of the autoscan, it automatically saves all stations as presets and tunes in to the first preset. |
| CFM. | Delete an FM radio preset. FM radio is only available with selected models. |
| GFM | Save an FM radio preset. FM radio is only available with selected models. |

| Ç | Select to use the Scroller to tune in to radio station presets, or to manually tune in to a radio station. FM radio is only available with selected models. |
|----------|---|
| | Go to Line-In Recording mode |
| | Select a recording bitrate and format |
| T.D. | Enable <u>Track Detection</u> function. This enables your player to automatically start a new recording when it detects a two-second track gap from the line-in source. |
| | |
| G | Go to recorded track folder |

Information Diagrams

The following information diagrams may appear on the OLED display.



Player is connected to your computer. To use your player, disconnect it safely from your computer.



Files are being transferred to your player. DO NOT disconnect your player.



Hardware problems. Contact Customer Support Services for more assistance.



Unexpected power loss while saving settings. Download a newer firmware version, reload the firmware, or contact Customer Support Services for more assistance.



No memory space. Delete some files to free up memory space in your player.



Battery flat. Charge the battery.



Unsupported file system or corrupted file system. When formatting your player, choose only **FAT32** as the file system. Use ScanDisk to scan your player. See <u>Formatting Your Player</u> for more information.



Player is unable to perform the selected task, such as deleting a file. Back up the content on your player, and then format your player. See <u>Formatting Your Player</u> for more information. Contact Customer Support Services for more assistance.

Frequently Asked Questions

This section covers questions you might have while using your player. It has been divided into a few categories for your easy reference. For further assistance, you may wish to consult our self-help tool "Knowledge Base". Go to <u>www.creative.com</u>, select your region and then select **Support**.

Usage

Why does the player skip certain tracks?

The player will only play valid media formats (MP3, WMA and WAV files). Other types of media formats will be skipped.

Why are some files/tracks corrupted when transferred to the player?

Transfer may have been interrupted. Before disconnecting your player from your computer, stop your player first. For more details, see <u>Step 5: Stopping Your</u> <u>Player Properly</u>.

Why does the player turn off immediately after it is turned on?

The battery may be too depleted to power your player. Try charging the battery. You can also check if your player is locked. For more information, refer to <u>Step</u> <u>3: Charge the Battery</u> or <u>Locking and Unlocking Your Player</u>.

File transfers to the player are very slow (less than 100 KB/Sec). What do I do?

Try formatting your player. For more information, refer to <u>Formatting Your</u> <u>Player</u>.

Can I use the player as a portable data storage device?

Yes. You can use the supplied USB cable for speedy transfers to and from your player. Use the Creative MediaSource application or Zen Neeon Media Explorer to help you manage data files.

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

- Set a shorter idle shutdown time
- Set a shorter OLED display setting
- Set a lower contrast setting
- Avoid skipping ahead and back within tracks unnecessarily
- Avoid turning the player on and off unnecessarily
- Avoid using passive speakers or high-powered earphones
- Avoid playing back WMA files

Should I leave my player plugged into the power adapter? (The power adapter is available as a separate accessory.)

No, you should not. After charging the battery or using the player, disconnect it

from the power adapter. Leaving it plugged in leads to heat buildup, which is not good for the player or the battery.

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

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

Can I transfer DRM protected WMA files to my player?

Yes. To transfer DRM protected WMA files to your player, you can use Creative MediaSource, Creative AudioSync Wizard or Windows Media Player.

Updates

Where can I get official information on all Zen Neeon products?

Visit <u>www.creative.com</u> for updates and downloads relating to all Zen Neeon products, Creative's digital audio players and accessories.

General Specifications

- Size (WxHxD)
- 46.9mm x 79.9mm x 15.9mm
- OLED display
- 128 x 64 pixel (2-color OLED)
- Signal-to-Noise Ratio
- Up to 90 dB
- Line-In Input
- 2.5 mm (1/10") stereo minijack

Input Voltage (max)

• 850 mVrms

Input Impedence

• 10K ohm

Harmonic Distortion Output

• <0.05%

Frequency Response

• 20 Hz ~ 20 kHz

Plug

• 3.5 mm (1/8") stereo minijack

USB Connectivity

• USB 1.1 and USB 2.0 compatible

Playback Formats

- MP3: Up to 320 kbps
- WMA: Up to 320 kbps
- WMA with Digital Rights Management (DRM)

Recording Formats

• Voice (via built-in microphone), FM Radio and Line-In Recording: 32kbps WAV, 96, 128, 160kbps MP3

FM radio is only available with selected models.

Headphone Specifications

Frequency Range

• 20 Hz-20 KHz

Sensitivity

• 111 dB ±5 dB (I/P Level:1 mW)

Impedance

• 32 ohm ±15%

Rated Power

• 3 mW

Maximum Power

• 5 mW

FM Region

- Stereo and Mono
- Up to 32 preset stations

FM region support

• International: 87.5 MHz ~ 108.0 MHz, 100 kHz intervals

Note

• FM radio is only available with selected models.

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