mOcean v3.2.3 User Manual

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Greetings

Welcome, and thank you for purchasing mOcean v3. We hope that you will enjoy the experience of using our product.

This User's Guide assumes that you are familiar with PalmOS and Palm software, and that you have a basic understanding of how to use your Palm device. If you have any problems utilizing your Palm device or Palm software, please refer to the Owner's Manual that came with your equipment for more detailed help.

How to Reach Us

Customer satisfaction is our top priority, so if you have any questions, comments, suggestions, or requests, we would be happy to hear from you. Here's how to reach us:

Web: http://www.MotionApps.com/support

Mail: MotionApps
            77 Dow Place, Suite 103
            San Francisco, CA 94107, USA

Palm OS Basics

This manual assumes the user has knowledge of fundamental Palm OS concepts. If you are unsure how to run an application or other related concepts, please, consult the user's guide that came with your communicator.

Introduction to mOcean

Welcome

mOcean 3 is the latest, most innovative multimedia player for the Palm platform. Version 3 supports many new features such as:

- Video Playback
- Audio books
- Live Podcasts
- Visual Effects
- Custom Definable and Skinable Interface
- Internet Radio Stations
- Photo Albums
- New Sync Managers for iTunes
- Use your Treo as an SD/MMC card reader

In addition, there are many other improvements and refinements in the interface, and the many wonderful features you will find as you explore the depths of mOcean's abilities.

Not only does mOcean play MP3 files on your SD (or MMC) card with a slick, stylish and easy interface usage, but will also play any Videos and display any Photo Albums you have created using your Treo, plus many that you wish to import. You may have to adjust Videos to a format that mOcean supports before you play them, which is explained in **Working with Videos** chapter.

Here is a list of some of the basic features we've built into mOcean:

- Play MP3 files in multiple bit-rates, including low-bit-rate (LBR) recordings, constant-bit-rate (CBR) and variable-bit-rate (VBR) songs
- Create and manage an unlimited number of playlists
- Browse your music by Song Title, Artist, Album, Genre, or Playlist
- Rate tracks, and sort tracks via their ratings
- Use your keyboard for quick shortcuts
- Makes full use of both your touch screen and 5-way Navigator
- Shuffle, randomize, or loop songs, playlists, or your entire music library
- Store music on your SD/MMC card or other mass storage device
- Automatically pause playback when you remove your headphones
- Automatically resume playback on headphone insertion
- Automatically pause playback when your phone rings
- 22 Pre-Set Equalizers, plus a Graphic Equalizer and Pre-AMP (Volume Boost)
- Synchronize your iTunes music collection to your Treo.
- Convert any audio content, including podcasts, into MP3 format to play on the go
- Listen to music in the background, while using another program
- Listen to live Internet radio stations, Podcasts and Audiobooks

- Choose from a library of recommended stations, Podcast feeds and Audiobooks

Requirements
- A Palm Centro or Treo 755p, 700p, 680 and 650
- Minimum 350KB of internal RAM
- A high capacity media device, such as an SD or MMC card
- A wireless Internet connection is required for many features
- A MacOS X 10.4.1 or later; or Windows XP/2000
- Hotsync 6.0.1 or later
- iTunes 6.0 or later

Installing mOcean

mOcean will be downloaded to your desktop PC as a .ZIP archive, which you must expand. Once you do, a mOcean directory will be created on your hard disk with the following contents:

- **mOcean-Installer.prc** — This is the binary program that you must install on your Palm device.
- **mOceanV3UserManual.pdf** — This is the User Manual you are now reading.
- **mOceanSync.mpkg.zip** — The MacOS X Installer for mOceanSync, presented in ZIP format. Unpack the Zip archive and double-click mOceanSync.mpkg file to run the installer. Follow the on-screen instruction.
- **mOceanSync_Setup.exe** — The Windows mOceanSync Installer. Double-click it to run the mOceanSync Installer for Windows.

Save the Installer .PRC file to your SD card, or Sync your Treo with the Palm Desktop to transfer the installer into internal RAM.

If you transfer the mOcean installer via a Hotsync operation, the installation process will begin immediately. If you have placed the installer on your SD card, simply tap its icon in the Launcher and the install script will begin. The installation process takes approximately two minutes, and does not require you to restart your device.

Once the program is installed, a new icon will appear in both the "All" category of the Launcher, and in a newly created "MotionApps" category. Tap the mOcean icon to begin using the player.

About the Demo Version

The demo version of mOcean is fully functional during the 7 days trial period.
After the trial period expires, mOcean will require you to register it in order to keep using it.

Activating

If you decide to purchase mOcean, you will need to activate it to enable all the features of the software after the trial period.

When you purchase mOcean, the activation code will be sent to you via e-mail.

Please make sure that you have used the correct e-mail address during the purchase process.

To enter your activation code, run mOcean and go to **My mOcean > Register** and an activation form will appear. Enter your activation code into the appropriate input field and follow the onscreen instructions.
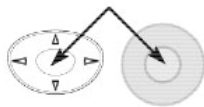
Getting to Know mOcean

The Basics

mOcean uses several different interface styles; default one is very similar to many commercial MP3 players on the market. To the right, you will see a circular graphical image of a "scroll wheel"; to the left of this are four buttons, and above them all is a menu selection tree.

Using your stylus (or finger), rotate the scroll wheel either clockwise or counter-clockwise to navigate the menus. The wheel operates in an analog manner, meaning the speed at which you rotate is directly related to the scroll speed. Thus, the faster you rotate the wheel, the faster the menu selector will move.
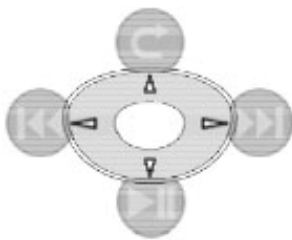
In the center of the wheel is a small circular button. This is used for menu selection, and may be simulated by tapping the center button on the 5-Way pad that is built into all Treo devices. Tap the center **select** button to choose an option in a menu, to move from one menu selection to a sub-tree, or to begin playing a file.

The four buttons next to the wheel are used for both playing files, and navigation. Tap the button with a circular arrow in it to move "back" up one menu tree. You will also see a "pause/play" button that starts, pauses or resumes playing a media file, plus "Forward" and "Backward" buttons. These allow you to skip over a song while in playback mode.

Though this interface is the default when you initially install mOcean, you may chose from one of the six setups to suit your personal taste.

> **TIP: When navigating mOcean's menus, you may type the name of a menu entry on your Palm device's keyboard or graffiti pad to quickly jump to it. For example, if you type "my" from the "main menu", the "My mOcean" menu item will be automatically selected. You may find that this is the quickest way to locate a hard to find track in a large library of files.**

Interface Options

If the standard wheel doesn't tickle your fancy, you may select from several other options by scrolling to the SETTINGS menu item, and then selecting INTERFACE MODE in the next set of menus. This brings up a selector with all available modes to choose from:

Classic: This interface is the standard PalmOS GUI, with all options selected by using the stylus or 5-Way pad.

Wheel: This interface uses a large wheel, occupying the entirety of your screen, with the four button functions integrated into the wheel itself, and menu selections overlaid on top of it. You still rotate the wheel as normal, and tap on its four quadrants to use the navigation and playback buttons.

Vertical: This mode uses a vertical sliding bar instead of a wheel. Move your stylus or finger up and down on the grey slider, presented at the right to navigate menus. In this mode, menu choices are super-imposed over the navigation buttons that now appear on the left, with a new "blank" button for item selection, which is referred in this manual as the **select** button. This button works otherwise identically to the normal wheel's center button.

> **NOTE: This manual makes many references to using the "wheel". If you select to use the Vertical interface, simply substitute "slider" for wheel in any instance in which it occurs through this guide.**

Mini Right: This is the default interface mode, with a small wheel on the right and control buttons on the left.

Mini Center: This mode is similar to the Mini Right, but now the wheel is in the middle, and two buttons appear on either side of it. The Track skip buttons are to the left, with "Pause/Play" and "back" located to the right.

Mini Left: This mode is an exact mirror image of the Mini Right mode, with the wheel on the left and buttons to the right. This is useful if you are left-handed, or are otherwise inclined to use your Palm device with your left hand.

In all **Mini** interface modes options can be also selected by using the stylus or 5-Way pad.

Take some time to play with each setting until you come upon one that best suits your needs. Once you have decided which one you want to use, highlight it using the wheel and tap the **select** button, making your selection the default interface across all of mOcean's functions.

Song Playback

To play MP3 files in mOcean, first you must place them on your external storage.

Note: mOcean can only play files stored on your SD card.

MP3 files may be located anywhere on your storage device, though we recommend that you create a "Music" folder to keep things in order. You may choose to sort files any way you wish, though mOcean does not require it.

Every time you launch mOcean, it will search your media for playable tracks, and store their locations in a temporary database. This allows for very fast navigation with no wait time spent seeking for files.

To begin playing music, select the **Music** menu option. This brings up a sub-menu with the following items:

Playlists: Any playlists you create will be stored here. The default **On-the-Go** playlist acts as a placeholder when creating a new set of tracks. This is described in detail under PLAYLIST CREATION below.

Songs: This will display any playable track mOcean has found on your device. They are sorted by their original track number or alphabetically by the name given to them in either their ID3 tags if no track number is available, or if such data is not present by their file name.

Artists: use this category to view songs by their Artist. Only tracks with the Artist information in their ID3 tags will be presented here.

Albums: This works the same way as the Artists category, but uses the Album sub-set of the ID3 tag to sort your files.

Genres: Genres uses the ID3 tags of your MP3 files to sort them by what kind of music they are. (e.g. Blues, Jazz, Rock, Spoken Word) Again, this only works if the ID3 tags are properly filled out. If the ID3 tag is filled out incorrectly (e.g. a Rock song with an ID3 tag listing it as Jazz) it will appear in the wrong genre category.

If your MP3 files are missing this critical information, you may generate it yourself using iTunes or your favorite MP3 player on your desktop computer. Music

ripped from CD will have this information filled in automatically if your ripping software connects to the CDDB to gather it, which iTunes does.

You will also see **Audio Output** in this menu set, which allows you to quickly select an Equalizer setting, set up the Pre-Amp volume (Volume Boost option) or pan the sound toward either the left or right end of the spectrum.

Finally you will see the **Card** menu item. This will usually be followed by the name of your SD card volume, which may be established when you mount your SD card to your PC. This menu setting allows you to browse through your card to find a file, and is especially handy if you've taken the time to set up a logical directory structure for your music. (e.g. a folder for "Favorites", or for "Metal", or one for "The Beatles" with appropriate songs in each.)
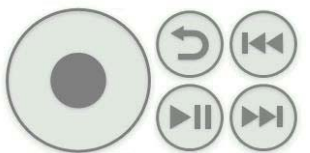
Playlist Creation

To make new playlists in mOcean, simply go to a directory containing music, and select any track using the wheel, then tap the **menu** button on your Palm device. You will see a checkmark ✔ briefly flash next to the track's name in the menu. You can do this for as many tracks as you wish to add to the newly created playlist. Alternatively, you may hold down the **select** button for a few seconds to achieve the same effect.
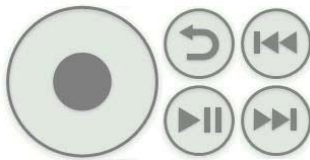
Once you have chosen the songs to add, go to the **Music Menu** off the **Main Menu**, and select **Playlists**. The **Playlists Menu** will appear. Highlight the **On-The-Go** playlist entry, and tap the **select** button to view it. The **On-The-Go** playlist is a temporary placeholder for all of the tracks you've selected. When it opens, you will see all of them listed, followed by two options:

Empty Playlist: This option clears all of the current tracks from the playlist. Highlight it and tap the **select** button to clear all entries.

Save Playlist: This option saves the contents of the **On-The-Go** playlist as a new playlist with a custom name. Highlight it, and tap the **select** button to open the **On-The-Go Save** menu. In this menu, you can select **Cancel** to abort the save, or choose **Save Playlist As** to open a pop-up window where you can enter the playlist name. To save your On-The-Go playlist, choose this option and enter a custom name when prompted, then tap **OK**. Tap **Cancel** to abort the save.

Add to *"Playlist Name"*: Choose this option to append the current tracks in the On-The-Go playlist to another playlist you have created. Note: *"Playlist Name"* will be the name of any playlists you have stored on your device.

Your new playlist will appear in the **Playlists** menu with the name you entered, and the On-The-Go playlist will be automatically cleared. When viewing playlists, the currently enabled one will have a star next to it to indicate that it is active.

Using the Player

Once you've located the track you desire to play, tap the **select** button to begin playing it. This opens the **player mode**, displaying the track name and all pertinent details about it, including the artist and album name.

In the upper-left corner you will see your present position in the current playlist (e.g. 10 of 36). Tap the **back** or **forward** buttons to advance or recede by one track, or simulate these functions by using the left or right buttons on your 5-way Navigator.

The current track's name, artist and recording date are displayed in the center of the screen, with album art (if available) displayed to the left of the track's name. This display slowly scrolls if the information is too wide to display all at once.

Below this information is a timer, showing the position in the track, the entire running length and the time remaining. This "gas gauge" style counter begins clear, and slowly turns blue as the song plays through. If you should wish to fast-forward or rewind, tap the **select** button or the center button on your 5-way navigator.

Doing this, switches out of play view, and brings up the "jog" menu. Another slider box appears, with a diamond shaped marker showing your present point of playback in the file. To jog back or forward, turn the wheel left or right, and take note of the position of the diamond marker. Under it, there is a time stamp showing the new position in the file. When you have reached the desired position, simply release the wheel and you will skip to that time in playback.

Other Views

Tapping the **select** button once brings up the **Jog View**, which by now you already know, however, this is not the only alternate view that can be accessed during playback.
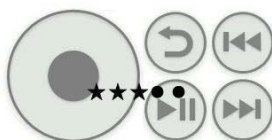
Tap the **select** button twice to display the **Ratings** view. In this mode, you can rotate the wheel to "rate" a song, selecting from zero to five stars.

If the present track has album art attached to it, pressing the **select** button three times will display that art in full-screen mode, otherwise tapping the **select** button three times in a row accesses the final, **Bookmark View**, which would require four taps to display for songs with album art.
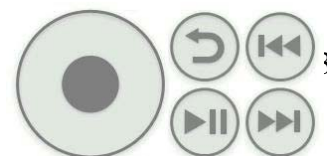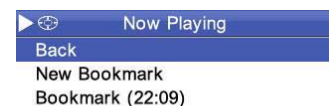
In this view you will be presented with a menu item to bookmark your present position in the currently playing track. This is exceptionally useful when playing long files, such as tapes you have transcribed to MP3 format, or books on tape. Using the bookmark tool, you can "save your place" in a file, which you can then pause and go back to later at the exact point where you left off.

Shuffle Mode

If you are in the mood to listen to your music, but aren't really "feeling it'' when it comes to what you want to hear, you can instruct mOcean to play files in your music library randomly. To do this, from the main menu scroll down to **Random Play** using the wheel and then tap the **select** button. mOcean will begin playing files in a random mix. You may exit this mode as normal, by tapping the **back** button from the player mode.

When in **shuffle mode**, the ⤲ icon will appear in the upper left part of your screen to indicate that tracks are being randomized.

Now Playing

You will find the **Now Playing** menu item in the **Main Menu**. Select this to immediately go to the player view, showing the currently playing track.

> **Tip: Tap the side button on your Treo to display the currently playing track, even if you are in another application than mOcean.**

Internet Radio

Listening to your favorite Internet Radio shows has never been easier! Simply turn the wheel over to **Internet Radio** under the main menu, and select to listen to one of our recommended, popular channels or add your own favorites to the list. Of course, to use this feature you must have an active wireless Internet connection, so make sure you are connected before attempting to use Internet Radio on your Palm device.

To listen to our pre-programmed stations, select the **Recommended Stations** option under the "Internet Radio" menu, and then choose one of the stations presented. You can refresh this list by selecting the **Update Recommendations** option under this menu. To add radio station to the initial internet radio menu, select the station and press MENU button.

If you prefer to enter your own, select **Add New Station** under the Internet Radio menu, and enter the URL of the station of your choice in the box that appears, then tap **OK** to add it or **Cancel** to go back.

mOcean supports Shoutcast MP3 servers only; you can click in your Treo browser on the .PLS or the .M3U file and the file will automatically start playing internet radio using mOcean.

Visit http://www.shoutcast.com and click "Listen" button on any MP3 server (note that AAC and other servers are not supported) in order to listen to the internet radio.

Optional Radio Settings

You may configure the way mOcean's radio player works by selecting the **Radio Options** menu item under the Internet Radio menu. This allows you to turn METADATA on or off, which unless you are experiencing problems should be left on; or select to stream radio content to a file on your SD card. Do this if your Internet connection is undergoing heavy lag, so you can buffer more radio content and keep it handy.

You will also find the **Audio Output** option here. This allows you to select an Equalizer setting, use the Graphic Equalizer, or pump up the pre-amp volume with Volume Boost. See **Sound Settings** chapter for more on these subjects.

Podcasts

Podcasts are springing up all over the Internet these days, and you'll probably want to be able to tune in on the action yourself. This is why we've built the ability to download Podcasts to your Palm device directly into mOcean. Of course, Podcasts also require an active wireless Internet connection, so if you are not online yet, please sign on before attempting to transmit to Podcast streams.

To begin, select **Podcasts** in the **Main Menu** to access the **Podcasts Menu**. You will see several options within that menu, all of which work much the same way as the Internet Radio options.
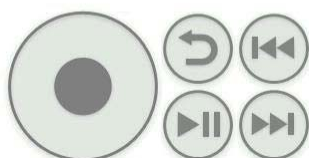
Select **Recommended Podcasts** to view a list of pre-arranged streaming content, which is updated regularly. These vary in topic, and are generally not very long running. We're always adding new content, so you can check that frequently using the **Update Recommended Podcasts** option.

If this isn't what you're questing for, you may open a stream directly by selecting **Add New Podcast**, which brings up a window in which you can enter an URL.

Once you have your favorite Podcasts selected, you can use the **Podcast Settings** menu option to select whether or not to update available Podcasts automatically, and if so at what intervals. To turn this feature on, go to the **Podcast Settings** menu by selecting this option under the **Podcasts** menu.

In this menu set, you will see three options. The first, **Auto Update** is set to **off** by default. Tap the **select** button to switch this option to **on**. Once you do, you may configure how frequently mOcean will update your Podcasts.
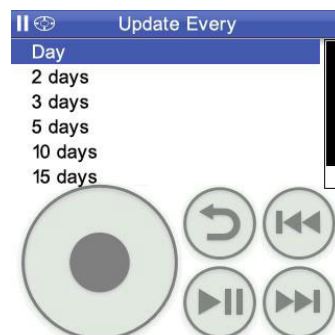
To do this, first decide how often you want to check for updates, by selecting one of **Update Every** options. A new menu appears offering the following choices:

- **Day**; Update Daily
- **2 Days**; Update every other day.
- **3 Days**; Update every 3 days.
- **5 Days;** Update every 5 days.
- **10 Days**; Update every 10 days.
- **15 Days**; Update twice a month.

This enables the desired frequency setting, and brings you back to the **Podcast Settings** menu where you can then set at which hour (on each day) you want the updates to occur. Select **At Hour** menu item.

In the **Hour Settings** menu, select the time of day to perform updates. Times are presented in 24-hour "world time", so if you want mOcean to update all Podcasts at 3PM, select 15:00 as the time to perform it. Once you have the correct time highlighted, tap the **select** button to save your settings and return to the **Podcast Settings** menu.

Now that you have configured your update settings, tap the **back** button to return to the **Podcasts** menu. If you wish to change these settings, you may do so at any time by returning to the settings menus and entering a new set of day and time parameters.

The last option you will see on the Podcasts menu is **Audio Output**. This allows you to select an Equalizer setting, use the **Graphic Equalizer**, or pump up the pre-amp volume with Volume Boost. See *Sound Settings* chapter for more details.

You can unsubscribe from podcast feed and delete all downloaded podcast episodes by selecting **Podcasts > [Specific podcast] > Delete podcast** (at the bottom of the specific podcast pages). If you wish to delete one (or more) podcast episode, you can select it and press menu button to delete it. Podcasts will be deleted both from mOcean and SD card.

Audio Books

There's nothing worse than having to take a long road trip (or sit on an airplane) with nothing to occupy your mind with. Spending hours listening to nothing but the noise of the world go by is frustrating, and if you're the one driving (or flying) it can be a lifesaver to keep your mind alert and awake.

For the last three decades, many companies have released "books on tape", both as unabridged, and cut-down versions so those of us without the liberty to sit down with a good book can still enjoy one while on the go.
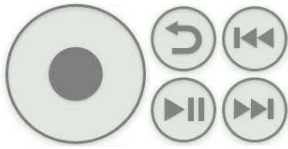
These days, there are services available to get such "Audio books" in digital format, either on CD, or over the Internet.

Now in mOcean 3, you can listen to your collection of audio books, or download new content over your wireless Internet connection. To begin, select the **Audiobooks** menu item from the main menu, then tap the **select** button.
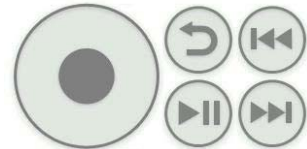
We've arranged for some books to be available to you at no cost, within **Recommended Audiobooks** setting, which you will see under the **Audiobooks** menu. You will need an active wireless Internet connection to download Audio Books, so make sure you are online before attempting to load any onto your Palm device.

We are always adding new content, but if what we have isn't enough for you, you may load any audio book in MP3 format in your collection on your expansion card in folder:
 **/PALM/Programs/mOcean/Audiobooks/MyAudiobooks/[audiobook name]/** and play them through mOcean.

You will also see on the **Audio Output** setting in the **Audiobooks** menu. This allows you to select an Equalizer setting, use the **Graphic Equalizer**, or pump up the pre-amp volume with Volume Boost. See *Sound Settings* chapter for more details.

Multimedia & Video

Photos

mOcean includes a photo library player, allowing you to create photo sets and then present them as slide shows, or view photos individually. All of the photos you've taken using your Treo's built in camera are displayed here, along with any others you have placed in your **DCIM** folder on your expansion card. Also, mOcean will store photos from the main memory of the device within Internal Memory menu option.
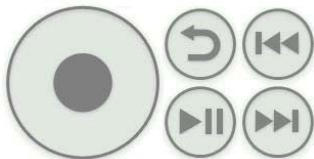
To start viewing your pictures using the wheel, select the **Photos** menu item in the main menu. mOcean retains the list of albums you have created using the built in "*Camera*" program, and shows them as an alphabetically sorted list. Un-filed images are also showed here. You can view them by selecting the "*Unfiled*" album, which will display any images that are "*unsorted*" in your galleries.

Any folders you have in your DCIM directory will also be presented here as if they are albums. Thus, a folder with the name "*Casino Stuff*" will appear in the list of albums as **Casino Stuff** alongside any albums created within the Palm *Camera* app. Once you have chosen the album you wish to view, highlight it using the wheel and then tap the **select** button. mOcean displays the album in a gallery format, and generates thumbnails for each photo within the album. It may take some time for all thumbnails to load, so please be patient.
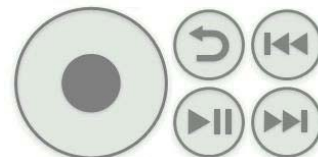
When in gallery view, use the wheel to rotate the image selector; a yellow outline will appear around the thumbnails and if you tap the select button, a photo you wish to view will be displayed in a full screen mode. If you have turned on "slideshow mode" the image will change every few seconds going through the current gallery in an infinite loop. When you have an image opened in full screen mode, you may also set it as the default **background** image, which is displayed as an alpha layer throughout all of mOcean. To do this, once the image is opened in full screen mode, tap the **menu** key on your Palm device's keyboard or graffiti pad. The image will automatically be set as the default background, and you may alter its intensity under the **Background Settings** menu. Please see the **Background Images** section for more information.

Photo Preferences

You may toggle several options for image viewing. These options are available in the Photos menu. To access the menu, select **Photo Settings.**

This brings up a new menu set for **Photo Settings** with the following options:
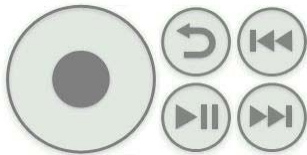
Slideshow Speed: Highlight and select this setting using the wheel and the **select** button to display a menu of choices that set the duration for how long the image will stay on the screen during slideshow for any single image. Choices are **three**, **five**, **ten**, **twenty** and **thirty** seconds, or **one minute**.

The **Photo Scaling** option allows you to set the attributes for how to best-fit images to your screen. Highlight this option, and then tap the **select** button to toggle between **Full Screen** and **Best Fit** modes. In the **Full Screen** mode, images are stretched to fit your device screen no matter what the original dimensions are. This may cause some images to appear cropped or enlarged in ways that are not aesthetically pleasing. In this case, you may toggle this setting to **Best Fit**, in which images are stretched in a proportional manner, keeping their original aspect while increasing or decreasing their size to best fit your display.

Background Images

You may find that the interface of mOcean is too bland, so you wish to superimpose an image or photo onto it to spice it up. This is easily done, and highly configurable for the graphic-savvy users out there.

To begin, go to **Photos** from the main menu, and bring up the gallery where the image you wish to set as a backdrop resides in. Open that image up in full screen mode, and then tap the **menu** key on your Palm's keyboard or graffiti pad. This sets the image as a background pattern.
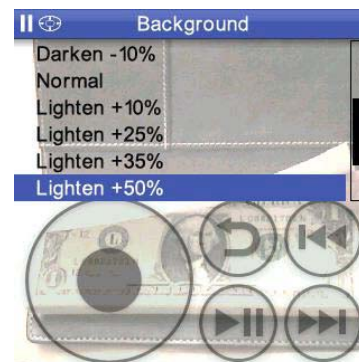
If the image is too dark to see mOcean's controls, or is too light to make out any detail you can alter the gamma settings by going to the **Background Settings** menu. To access these options, open the **Photos** menu, select the **Background** menu. This displays the **Background Menu**.

In the **Background Menu,** you will see a long list of parameters that you use to adjust image brightness (gamma) when displaying a backdrop.

Choose the setting that best fits your needs to adjust a background image in a

manner that enables you to both easily see mOcean's controls and still retains enough of the image to see what it looks like. From this list, select the option you wish to use:

- Darken -75%
- Darken -60%
- Darken -35%
- Darken 10%
- Normal (Unmodified brightness)
- Lighten +10%
- Lighten +35%
- Lighten +60%
- Lighten +75%

If you wish to strip away a background image altogether, go to the **Background** settings menu and select the **Remove Custom Background** to get rid of it. You can change the background image to a new one at any time by going back to the images view and selecting a new one to take its place.

> **TIP: You can make special images designed to fit around the mOcean interface by taking a screenshot of mOcean and tweaking it or coloring it in a graphics editing program to easily create custom "skins" for mOcean 3.**

The Basics of Video

The blockbuster feature of mOcean 3 is its ability to play Video files that you have on your Palm device. With the expanded capabilities of mOcean 3, it's no small wonder that we've managed to fit so much in a such small program. Video files play smoothly and vividly, bringing your Treo to life like never before.

mOcean can play any videos that are taken using the built-in "*Camcorder*" application, or copied to your device through Palm's "*Quick Install*" utility, which automatically converts any videos you install into a friendly format. mOcean only handles video formats natively supported by your palm device, which vary depending on your handheld model (and in the case of Treo models, on your carrier).

Supported Video Formats

mOcean supports all of the video formats and containers native to your Palm device. Thus, newer devices will have a much wider range of video formats, containers and codecs available. For example, Treo 700p is capable of playing MPEG4, .264 and MJPEG files with AAC/AAC+ audio encoding, whereas Treo 650 is much more limited.

Please refer to the user's guide of your device, or visit this link for more information: http://kb.palm.com/SRVS/CGI-BIN/WEBCGI.EXE/,/?St=44,E=0000000000457506053,K=244,Sxi=5,useTemplate=Case.tem,CASE=4101

From time to time we will improve mOcean to support a wider array of video file types, so make sure to update your copy of mOcean regularly. See ***Over-the-Air Services*** on page 31 for more details.

If your device supports it, you may view videos placed both in the main memory of the device or on your SD card in **DCIM** directory, as well as any files recorded with the **Neuros Recorder 2+**. In the case of **Neuros Recorder 2+**, you must record in MPEG4+AAC (PDA-iPod) mode and own a Palm device capable of playing them, such as Treo 700p. These files have the extension .MP4.

If you have a large video library already, but it's in another format, you can always use various utilities on the Internet to convert such files to a format that your Palm supports. For example, tools that convert videos for use on the iPod video will make videos that are playable on Treo 700p.

> **Note: mOcean will display all videos in your DCIM directory whether they are playable or not.**

Please refer to the manual that came with your Palm device, or check out Palms Knowledge Base online to determine what kind of video formats will play on your device.

Working with Videos

Once you have playable files on your Palm device, select the **Videos** option from the main menu using the wheel and tap the **select** button. This brings up the **Videos Menu**.

The built in Video player is integrated into mOcean's interface, and like MP3 files, video files require being placed in one of several directories on your SD card
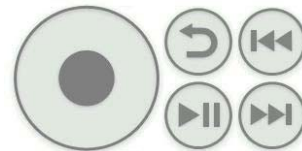
To play a video with mOcean, you can place it in the main memory of the device or in **DCIM** directory on your external storage, unless you are playing files recorded with the Neuros Recorder 2+ from an SD card. In this case, you are lucky, as we've configured mOcean to recognize files recorded with the **Neuros**, and these will appear automatically without having to move them to another folder.

Under the **Videos Menu** you will see a list of categories in which your video collection is stored. These "galleries" are created from within the "***Camcorder***" application, and are generated from the names of folders within the DCIM directory. Video files that are not sorted or are in the root of the DCIM folder will appear in the "***Unfiled***" category.

Choose which category you wish to browse by selecting it. This displays any videos that are stored in that category or folder.

Tip: It is best to keep videos on a mass storage medium, such as an SD card. Never store videos in internal RAM for an extended period, especially if your device does not have solid-state memory (e.g. if the contents of your internal RAM vanish upon a reset). This also ensures that the video files you wish to carry with you don't use the precious, limited internal memory of your Palm device.

Using the wheel, scroll through these directories, presented as menu options under the **Video Menu**, until you come across a file to play. Once you have found the video you want to watch, tap the **select** button to run it in the **Viewer**. Videos open in cinematic mode; that is, they appear with a mated border (black stripes).

The video will begin playing automatically, but you may pause it or otherwise manipulate it using **the Video Player Controls**.

The controls for the Video Player are a very simple, "VCR" style set of buttons that appear when you tap the screen or press the center button on your 5-way Navigator. To display them, tap the screen or press the center button on your 5-way Navigator. Shown at the right in this toolbox is a timer, showing the total playback time, as well as your present location (time) in the video file.
Note: Videos will be displayed whether or not they are compatible with mOcean.

Directly to the left of the timestamp is a slider control. Select it with the stylus to move through video stream, fast-forward, rewind, or otherwise jog around.

Left again to the jog controls are two buttons: **Play/Pause** and **Matted/Windowed**. Tap the play/pause button once to stop playback, and again to resume.

The **Matted/Windowed** control is used to determine whether or not the video controls toolbox will be shown during playback. If you prefer your videos to play in a matted "full screen" cinematic mode, leave this turned on (selected blue). If you would rather have the controls visible at all times during playback, tap this box to turn it off (white).

You can switch to Matted mode while the video is playing, or when it is paused, though you must pause the video to switch back.

On the very right you will find the **Volume** button. Tap this with your stylus or finger to bring up a small window with a volume slider in it. You may do this while playing a video file to set the optimal volume level, or mute a recorded TV show during an especially noisy or non-public-friendly scene. Once you have set the volume to a level that is ideal, tap done to close this window.

If you wish to exit video playback mode, you may do so by tapping **Done** in the video controls toolbox, or by pressing your 5-way Navigator to the left, simulating the **back** button of the wheel. This returns you to the video playback menu, and you may press the "back" button again to return to the main menu from here.

Synchronizing with iTunes

Synchronizing Options

mOcean has the ability to synchronize with your iTunes libraries, and copy playlists and music from your iTunes library to your Palm device. The included utility, **mOceanSync** must be installed on your Mac or PC for this to work properly.

> **Note: If the music downloaded through the iTunes store is in a protected (DRM) format, it cannot be transferred to mOcean.**

Once you have mOceanSync properly configured on your machine and mOcean installed on your Treo, you can begin transferring music to your Palm using the built-in **Sync** in mOcean 3.

Besides music files, you can use Synchronize with iTunes option for internet radio station, podcasts and audiobooks synchronization.

Please note that if you wish to synchronize internet radio stations you will need to move them first in the 'mOcean Radios' playlist within iTunes.

In order to synchronize with iTunes please follow this procedure:

1. Check if your SD/MMC card is inserted
2. Start mOceanSync on your computer
3. Select playlist(s) in mOceanSync
4. Connect your Palm device, using USB cable
5. Run mOcean on you device and select **Sync > Synchronize with iTunes**. During the sync process mOceanSync MUST be running on your computer.

You can find your iTunes playlist in **Music > Playlists**.

A small window will appear to give you the status of the Sync operation, which you may cancel at any time. Files transferred this way will be automatically converted to a playable format, if already not in one.

Additionally, if you uncheck iTunes playlist previously synchronized with mOcean and re-sync it, complete playlist songs from SD card will be removed. In order to delete playlists please follow the procedure: **Music > Playlists >** tap the playlist that you want to delete: **Delete Playlist >** (confirm) **Delete Playlist**. The playlist is deleted.

Note that when you sync iTunes with mOcean, only selected list will be stored on your device at **/Palm/Programs/mOcean/** folder; everything else placed in this folder earlier will be deleted.
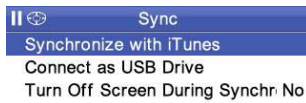
Within **Sync** menu, you will also find **Connect as USB Drive** option. If you own a Palm Treo model, this allows you to mount any SD or MMC card currently loaded in it to your PC or Mac as a mass storage device, turning your Treo into a card reader.

To do this, first connect your Treo to your computer using the USB Hotsync cable, or any USB cradle. Then, scroll down and select the **Connect as USB Drive** option in the **Sync Menu**.

After you do this, a window will appear in mOcean showing the status of the connection, and your memory card will appear as a new removable USB drive on your computer. You can use this tool to quickly copy any files to your SD card without the need to carry an external card reader around with you. You can copy MP3 files to anywhere on your card, however, note that Photos and Videos must be stored in their appropriate /DCIM/ directories or in the main memory of the device. You can also take the opportunity while your card is mounted to remove any unwanted files; such as music (or audiobooks) you have finished listening to, or any duplicated files.

Once you have finished copying (or deleting) data, use the **eject** command on your PC or Mac to un-mount the card, and then tap the **disconnect** button in mOcean.

> **Note: Make sure to un-mount the drive first, because if you disconnect the card before "ejecting" it on your desktop machine, you may experience data loss or erratic system behavior.**

Finally, you may dim your device's LCD during a sync operation. This is especially useful if your device is not connected to a charger during a sync operation, as dimming the screen greatly helps to preserve battery life.

This option is off by default, so to enable it, scroll down to the **Turn off Screen During Synchronization** option in the **Sync** menu using the wheel, and tap the select button to enable it. The status to its right will change to **On**. A second tap disables it again.

Preferences and Custom Settings

Set up and customize your mOcean experience with mOcean's array of widely configurable options. You will find them within **Settings** menu.

Altering the Menu Systems

You may choose which options appear on the main menu and on some sub-menus, disabling those you rarely use or enabling those that you use frequently but are not available by default.
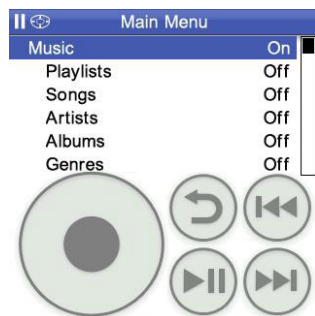
To do this, enter **Settings > Main Menu**. A list of items to appear on the main menu appears in a list format, each followed by a tag of either **on** or **off**. To enable a menu item, thus making it appear in the **Main Menu,** highlight it using the wheel and tap the **select** button to change the tag to **on**. Doing the reverse of this, you can remove an item by turning the tag to off. You may alter the appearance of the **Main Menu** at any time by returning here and changing the **on/off** tag settings.

Some items under this menu will appear indented, such as:

Photos	**On**
Photo Settings	**On**
Background	**On**

This example sequence is for sub-menu items in the "photos" menu. Just as with the **Main Menu,** you may turn these menu items **on** or **off** by toggling the tag with the **select** button, customizing mOcean's interface even further.

Other Settings

Additionally in the **Settings Menu** you will see a variety of options that you can change. Toggle these by selecting them using the wheel, and tapping the **select** button to alter how they are set.

Shuffle: This setting is off by default. Turn it on to randomly shuffle songs, or all tracks in your playlists,

Repeat: This setting makes playlists "wrap" over, looping as follows:
- **All**: A playlist will repeat infinitely. When the last song finishes, it will begin again at the first track in the sequence. The ↻ icon will appear in the upper left part of your screen.
- **One**: Switch to this mode to repeat one track repeatedly. The icon will appear in the upper left part of your screen.

- **Off**: Playlists will stop when they reach their end. Nothing will loop or repeat.

Audio Output: This opens the Audio Output Settings menu, which allows you to set up equalizer preferences, use the Graphic Equalizer, pan the left or right channels, or pump up the pre-amp volume with Volume Boost. See *Sound Settings* chapter for more on these subjects.

Screen Sensitivity: This setting effects how touch sensitive your Palm device screen will be when using mOcean. Settings options are **Low**, **Normal**, and **High**. If you feel that when using the wheel, things feel a bit sluggish or move by too fast, try modifying this setting to achieve an optimal sensitivity range.

Use Side Buttons: You can set your side buttons to perform certain functions as follows: Use the Up/Down rocker to adjust the volume of a song during playback, or press the side button (under the rocker) to jump to the mOcean player from any other application (e.g. from the Phone app). Toggle this setting to **off** if you do not want to use this feature.

5-Way behavior: This setting tweaks how your 5-way navigator interacts with mOcean. Choose from one of two styles:

- **mOcean**: Your 5-way simulates the functions of the wheel and the **back** button. In menus, tap up to go back, or when in player mode, tap right or left to advance to the next or previous song in a playlist. Tapping up or down in **player mode** increases or decreases the volume, respectively. The center button always simulates tapping the wheel's **select** button. The ↺ icon will appear in the upper-left part of your display.
- **Classic**: This mode uses the 5-way in a more standard fashion. Left now operates the **back** button, right moves forward to another menu (like tapping the **select** button), and up/down move around in the menus as if you rotated the wheel "one click". In **player mode** the 5-way simulates the following functions: Left and Right move one track forward or backward, respectively; and down **Pauses/Resumes** playing the current track. The ⊕ icon will appear in the upper-left part of your display.

    TIP: You may press the option button at any time to switch between these modes.

Clicker: This setting toggles the "click" noise you hear when moving through menus with the wheel. Choose from **Low**, **Medium** or **Max** volume, or turn the sound off altogether.

Skin: Select one of a variety of included skins, or skins which you have added to mOcean. The default one is "White", but you can try them all out for size and see which one you prefer.

Interface Mode: This option selects what interface mOcean will use. Choose from **Classic**, **Wheel**, **Vertical**, **Mini Right**, **Mini Center** or **Mini, Left**. Interfaces are explained in *Interface Options* on page 5.

Background Playback: mOcean has the capability to play songs even while you are using another app. This setting is on by default, but you can turn it off if you wish.

Show Remaining Time: mOcean displays the remaining time by default. If you wish to disable this, toggle this setting to **off**.

Show Album Art: mOcean displays album art for the currently playing track if you have it available. If you wish to disable this feature, you may turn it off here.

Download While Playing: mOcean can play media files while they are downloading. If your Internet connection is too slow to keep up with the playback time, you may wish to disable this feature by turning it off here. To do so, toggle this menu item to **no**.

Show Tips On Startup: By default, you will see a walkthrough showing you the how-tos and why-fors of using mOcean whenever you launch it. If this annoys you, you may turn off the "tips" prompter by setting this option to **off**.

Pause on Headphone Unplug: If this setting is turned on, mOcean will automatically pause your music when/if you remove your headphones. If you prefer to play music even when headphones are disconnected, turn this setting off.

Resume on Headphone Plug: Likewise, mOcean will auto-resume playback when it senses that you have plugged your headphones back in. if you don't want this to happen, or if you turned off the "Pause on Unplug" feature, you may turn this off as well.

Pause on SMS/MMS: You may select for mOcean to pause playback when a message comes through. Turn this feature on or off with this option.

Auto-Off: You can set time duration after which mOcean stops playing and dims your screen with this menu item. Tap the **select** button to view a sub-menu with time settings ranging from 15 to 120 minutes, as well as with **off** option.

Dim Screen in Slideshow & Visual Effects: Turn this setting on to partially dim your screen when using the visualizer, or when playing photo slideshows. This helps preserving battery life.

LifeDrive/Palm TX: if you have a Palm LifeDrive or TX model, you may select to turn it off (in standby mode) after a short period of non-use. Tap the **select** button to display a sub-menu with time settings for this option.

Sound Settings

mOcean comes with a set of pre-set equalizer options, plus a visual equalizer, a pre-amp (volume booster) and sound pan options.
To tweak sound settings, locate and highlight the **Audio Output** option from many menus, then tap the **select** button to display the **Audio Output Menu**, in which you will see several options for making your audio files sound their best on your system.

Equalizers: In this menu, you may select from one of the 22 built in EQ preset options, turn the EQ off, or open the Graphic EQ control panel.

The Preset options are as follows:

- Acoustic
- Bass Booster
- Bass Reducer
- Classical
- Dance
- Deep
- Electronic
- Flat
- Hip-Hop
- Jazz
- Latin

- Loudness
- Lounge
- Piano
- Pop
- R&B
- Rock
- Small Speakers
- Spoken Word
- Treble Booster
- Treble Reducer
- Vocal Booster

If once you have exhausted all of these options and your playback sound is not yet ideal, you may use the **Graphic Equalizer** to tweak your sound output settings to a fine degree. To do this, use the wheel to select the **Graphic Equalizer** menu option and tap the **select** button. This opens the **Graphic EQ** control panel.

In the **Graphic EQ Panel** you will see a series of four sliders. Each one you may raise or lower by selecting the individual bars with the wheel, which displays a blue box around the slider, then tapping the **select** button to "lock" the wheel to that slider bar. Once the bar is locked, it will be indicated so in red, and you may use the wheel to adjust the slider. Tap the **select** button to return to the slider selection mode.
If you have your 5-way set to "classic" mode, you may use the left/right sides to lock sliders, and the up/down sides to adjust them.
Once you have set your preferred EQ settings, tap the **back** button to exit this view.
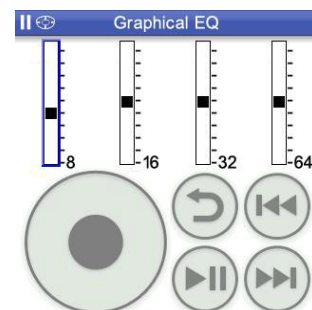
Volume Boost: This setting allows you to set up a virtual pre-amplifier, adding more volume to the output of all audio files. To do so, highlight this menu item and tap the **select** button to open the **Volume Boost Menu**.

In this menu you will see a list of percentages based on volume alterations for 10% stages from 0% to 100%. Each represents a volume increase over the normal output, so if you want your sound volume at 150%, select the 50% option from this list. Select **Off** to disable Volume Boost.
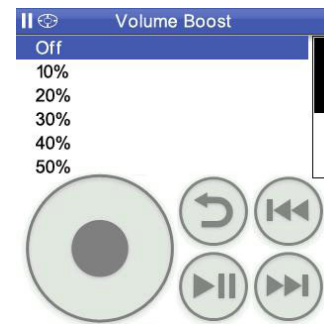
When you have selected the desired setting, tap **select** to enable it. This also returns you to the previous menu.

Sound Pan: This setting lets you select which channel (left or right) has dominance. Use this to teak sound settings on files where the left or right channel is obviously unbalanced, or, if you are using a phone headset to listen to your music, you may wish to pan all the sound to the left channel so you don't lose any details.

To use this feature, highlight the **Sound Pan** menu item and tap the **select** button, which opens the **Sound Pan Menu**.

In this menu, you may select which channel to make dominant, and by what percentage. Select how much you'd like to add to either the right or left channel, or select **center** to disable panning, and then tap the **select** button to save your preference.

Visual Effects

mOcean 3 comes with one visualizer, "***Interference***". Additional visualizers and other special effects are available as Plug-Ins and are downloadable from the MotionApps website, or from other developers. You can create your own visual effects by using the mOcean SDK (Software Developer's Kit), which is available separately.

To enable the Visualizer, scroll down to the **Visual Effects** menu item in the main menu, and then tap the **select** button to open the **Visual Effects Menu**.

In the **Visual Effects Menu**, you will see a list of all currently installed visualizers, which you may select Once a visualizer is activated, it stays on until you press the 5-way Navigator upwards, which returns you to the **Visual Effects Menu**.

Downloading Files

Throughout mOcean, you will see options enabling you to download media files or other data over your wireless Internet connection. If you begin a download, you may still access other parts of mOcean while the data is being transferred, though the download progress screen will not be displayed once you leave it.

To see a list of downloads in the background, and to view their status, you must go to the **Downloads** menu option within the **Main Menu**. Select **Downloads**, to view all current downloads in an "easy to understand" list format. You may expand the information on any of download processes by selecting it.

Over-the-Air Services

My mOcean

Towards to the bottom of the **Main Menu** you will see an option entitled **My mOcean**. Select this menu item with the wheel, and then tap the **select** button to go to a list of additional options, features, tips, guides and walkthroughs.

In the **My mOcean Menu**, you will have these options available to you. Choose the one you want by using the wheel, and then tap the **select** button to activate it.

mOcean online: Choose this menu item to connect to the mOcean website, where you can download extras, plug-ins (such as skins), and read through mOcean documentation. Choosing **mOcean Online** will open your default web browser, such as "*Blazer*" on Palm Treos, and requires an active wireless Internet connection.

Tips: Selecting this menu item will display the **mOcean Walkthrough**; the same Tips and Information Guide you see when you install mOcean for the first time, and whenever you launch mOcean, unless you've turned it off in **Settings > Show Tips at Startup**. If you did disable this on startup, but you need to view it again, select the **Tips** item from the **My mOcean** menu to view it again. Click the **Next** button to go through the pages, or tap **Done** to exit.

FAQ: This menu item opens your default web browser (through mOcean) to our extensive online FAQ (Frequently Asked Questions) page. If you're having trouble with mOcean, or need to find out how to make a feature work, check out the FAQ for answers to the most commonly asked questions. This feature requires an active wireless Internet connection. When you are done, tap **Close** to return to the **Main Menu**.

Check for Update: From time-to-time we make changes, fix bugs, add features, or otherwise improve mOcean. These updates can always be downloaded via our main website, but if your Palm device has an active wireless Internet connection, you may also get them by selecting this menu option and transferring them directly to your device's internal memory. Select **Check for Update** and mOcean will connect to the Internet, comparing your currently installed version to the latest version available on our servers for download. mOcean will tell you if you are running the latest version or not, and if you aren't it will prompt you, asking whether or not you'd like to update to the latest release.

Tap **yes** to download the latest version, or tap **no** to wait until a more convenient time. When you download the update, it will transfer into your Palm's internal RAM, and open immediately, installing itself over your currently installed version.

> **Note: You will not lose any saved preferences or playlists in this process.**

Tell a Friend: Choose this menu item to send a quick message to a friend, colleague or other acquaintance. When you choose this option, a screen appears displaying a **To** field, in which you enter the name of the person you wish to send a message to. You may tap the **Contacts** button in the **To** field to open a list of all of your Palm contacts, and select one from there. Once you have the contact chosen, fill in the **From** field with your name and tap **Recommend**. A *SMS message* will be sent to the party you have selected telling them about mOcean3.

You can send as many of these SMS messages as you wish. When you are done, tap **Close** to return to the **Main Menu**.

Register: Select this option to enter your activation code, and unlock mOcean for unlimited use. You must have activation code first, and have a wireless Internet connection to be able to register and fully unlock mOcean. This menu choice is also available in the **Main Menu** for your convenience.

> **Note: Register option does not disappear from My mOcean menu, even after you have entered a code. Your copy of mOcean will still be unlocked.**

Buy mOcean: Choose this menu item to open your default web browser to the mOcean ordering page. Here you can purchase an activation code with which you may fully unlock mOcean through the **Register** option. This feature requires an active wireless Internet connection to be useful.

> **Note: Buy option does not disappear from My mOcean menu, even after you have entered a code. Your copy of mOcean will still be unlocked.**

About mOcean: Select this menu item to display an information screen containing all of the relevant information about your currently installed version of mOcean. This displays the mOcean Version Number, copyright info and a link to the MotionApps website. When you are finished, you can return to return to the **Main Menu** tapping the **Done** button.

Deleting Temporary Files

In order to provide best performance, once in five days mOcean will perform temporary files delete when exiting the application. Please note that this process is mandatory and will take few moments.

Frequently Asked Questions

1. **What does mOcean do?**
   mOcean plays music in MP3 format and other multimedia files on the Palm Centro, Treo 755p, 700p, 680 and 650 models.

2. **Which format does mOcean support?**
   mOcean only supports music files in MP3 format.

3. **What do I need to run mOcean?**
   Aside from a compatible Palm device, you'll need an SD or MMC mass-storage card to keep your multimedia (e.g. MP3, MPEG, .264, etc.) files on.

4. **Can I use mOcean without SD/MMC card, or store my MP3s in my Palm's internal memory?**
   You will not be able to do so, as an external card is required as storage for songs because PalmOS does not support storing this file type in internal memory.

5. **How can I transfer the songs to my Treo?**
   There are three ways to achieve this:
   - Use mOceanSync to transfer songs from your iTunes Library
   - Download songs shared over a wireless network to your device
   - Send them over a Bluetooth or Infrared (IR) connection
   - Copy songs directly to your SD/MMC card either with a card reader, or through the built-in card-mounting tool.

6. **Can I use a headset with mOcean?**
   Yes, mOcean detects headset availability and optionally, it can pause the song playback when headphones are disconnected.

7. **Why don't some songs appear when viewing by Song Name, Artist, Album, or Genre?**
   In order for mOcean to make a proper categorization by the song name, album, artist or genre, the MP3 files must have the relevant ID3 tags filled in. You can do this in iTunes or almost any other MP3 player. Even if this information is missing, mOcean will still list your song by its file name in **Card: view**.

8. **Can I play other audio formats (besides MP3) with mOcean?**
   mOcean is capable of playing regular MP3 files. Audio files in other formats such as .AAC and .OGG can be played only when transferred to device using the **mOceanSync** software, which will automatically convert them to MP3 format.

Note: DRM protected files are in a proprietary format and cannot be played.

9. After synchronization with iTunes, some songs are missing on Treo, why?

The missing files are probably DRM protected. mOcean is not able to convert DRM files into a playable format and almost all music purchased through the iTunes store is DRM protected.

10. After mOceanSync has been installed, when booting Mac for the first time, a message pops up displaying:

An item in the Startup Items folder ("/Library/StartupItems/mOceanSync") does not have the proper security settings.

Using this item may cause problems. If you trust this item and want to fix the security settings, click Fix. To always prevent this item from being used, click Disable. To skip using this item and show this message again, click Decide Later.

Decide Later   Disable   Fix

How can I remove/disable it?

Please select the FIX button and you'll be asked if you would like to reboot (you can do so, however it is not necessary). Next time you boot Mac this window will not pop up.

11. I cannot synchronize iTunes with my Mac. What can I do?

Please note that mOcean Sync will work with Mac OS 10.4.x. Also note that you may need Administrator privileges to transfer songs to your Treo.

12. I am using Mac 10.4.x. When start mOcean Sync and select a playlist(s), if I close mOcean Sync all playlists become unchecked. How can I resolve this issue?

You can try to completely remove folder /Library/Application Support/MotionApps from your Mac.

To do so, it might happen that you will need root privileges. You can set root privileges if you type the following terminal command:

```
sudo rm -R /Library/Application\ Support/MotionApps
```

You will be prompt to insert your Root password.

Troubleshooting

mOcean normally does not require troubleshooting.

However, if you are experiencing problems please check the mOcean FAQ list or contact MotionApps technical support.

Contacting Technical Support

If you need to report a problem or request assistance when using this version of mOcean, please fill in the Support Request form on our Web site: http://www.motionapps.com/support

To help us help you, please, be sure to include as much information, and as detailed description of your problem as possible.

Revision History

mOcean v3.2.3
- Stability improvements

mOcean v3.2.2
- Stability improvements

mOcean v3.2.1
- Internal improvements

mOcean v3.2
- Advertisement based version
- Fixed instability when SD/MMC card is ejected during Internet Radio playback

mOcean v3.1
- Improved user interface responsiveness - faster font rendering
- Support for Palm Centro
- Internal improvements

mOcean v3.0.18
- Internal mOcean API improvements

mOcean v3.0.17
- Internal improvements

mOcean v3.0.16
- Support for Treo 755p

mOcean v3.0.15
- Minor stability improvements

mOcean v3.0.14
- User Manual updated
- mOcean API

mOcean v3.0.13
- Fixed vertical scrollbars on thumbnails view in Mini-Wheel interface modes
- Fixed clicking on thumbnails in Mini-Wheel interface modes
- Composer tag in ID3 v2.x is used instead of Artist only in case Artist tag is missing
- Fixed incorrectly set right margin on Now Playing screen if Bookmark has been chosen
- Solved eventual conflict with other music playing applications

mOcean v3.0.12

- Classic controls (clicking on menu items and sliders) + using wheel and virtual buttons is available in all thee Mini-Wheel interface modes
- Bigger virtual buttons on Now Playing screen while in classic interface mode
- All skins updated to have new bigger classic controls (320x66)
- Added version numbers to skin files to avoid incompatibilities in the future versions of mOcean with older skin files.
- Holding button Up/Down on 5-Way Navigator increases movement speed enabling efficient moving through menus using 5-Way Navigator
- Improved MP3 frame handling
- Improved ID3 tags support
- Albums content menu sorts songs by track number
- Delete Audiobook option added

mOcean v3.0.11

- Fixed new default skin classic controls
- Fixed controls in classic interface mode on Photos > Internal Memory thumbnail view
- Improved documentation

mOcean v3.0.10

- New improved default skin
- 7 days trial period
- Improved Internet Radio menu:
  Radio stations are represented by one menu whose submenu displays available internet radio servers.
- Recommended Internet Radio controls improved:
  Menu button adds recommended radio station to Internet Radios menu.
  Select button begins playback of selected radio station and adds it to Internet Radios menu.
- Deleting podcast removes all files associated with the podcast
- Deleting podcast episode removes the file on memory card and removes it from the podcast episodes list
- New version of mOceanSync for Windows and MacOS X now synchronizes track numbers
- Fixed possible crash, cuts too long strings in ID3 tags
- New user manual (you are reading it now)

mOcean v3.0.9

- Fixed crash on incoming call when playing in background

mOcean v3.0.8

- Faster JPEG loader and JPEG thumbnails (from SD/MMC card)
- Displays pictures from internal memory
- Plays videos from internal memory
- Battery icon in title bar
- Improved backlight timer feature
- Optimizations in MP3 parsing (faster scanning for music)
- Extended support for additional ID3 v2 tags.

- Controls: mini wheel controls limited, user must touch the wheel first (penDown) to start rotating. If she put down her finger on upper part of screen or on the virtual buttons first, wheel rotation will not happen.
- UTF8 characters in title/artist/album/genre are now converted to similar standard chars.
- Album art will be disabled (set as non-existing) if it is found in ID3 tags, but failed to be displayed for any reason. (e.g. incompatible picture format, lack of memory, etc.)
- Several smaller issues fixed in MP3 parsing and adding to playlist
- Updated all skins to include battery graphics
- Nicer symbols in title bar

mOcean v3.0.7

- Proper Backlight Timer support on all Treo devices
- Low battery usage when screen is turned off
- Fixed: If user goes to Playscreen directly (side-button) from Visual Effect or Slideshow, device has stayed turned on forever
- Backlight is tuned on after some operations done on other forms (eg. setting UI elements colors)
- Fixed playlist play next/previous if current song should have been played again

mOcean v3.0.6

- Skinable volume bar
- Small change in RSS parser
- Sends mOcean version number to web server when visiting My mOcean page

mOcean v3.0.5

- Fixed crash on song change while playing in background

mOcean v3.0.4

- Fixed crash when unplug headphones in background
- Support for mobook:// and mocast:// URL scheme
- New icons

mOcean v3.0.3

- Scroll song name on playscreen
- Turns backlight on incoming call
- More space for album/artist text on playscreen

mOcean v3.0.2

- Download all podcast categories at once
- Album art stored in internal memory (faster changing of songs)
- Fixed internet radio playback from playlist
- Resume last played song/podcast/audiobook/radio when user returns back to mOcean and hit Play button

mOcean v3.0.1

- Aesthetic changes in download element menu

- Minor improvements

mOcean v3.0

- Initial release

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