

**MOTION
APPS**

mOcean v2.0.7

For the Palm Treo™ 700p, Palm Treo™ 650, LifeDrive™ and Palm TX™

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mOcean v2.0.7 User Manual

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Introduction

Welcome

mOcean will turn your Treo into a truly portable MP3 player with different interface modes allowing for maximum flexibility according to your preference:

- Big wheel – powerful full-screen navigation
- Mini wheel - for quick action and compact use. Available in three different varieties for left handed, right handed and central oriented wheel.
- Vertical mode - simplicity and efficiency.
- Classical - true, tested and familiar PalmOS user interface.

Quick navigation through any menu can also be facilitated using the Treo keyboard.

mOcean is an MP3 player for your smartphone or PDA. With mOcean you can:

- Play audio content in MP3 format
- Create and manage your own play lists
- Browse through your personal music collection according to artist, album or song title
- Rate your music and sort your songs according to your own ratings
- Quickly access any option by using touch screen or keyboard
- Shuffle or loop your songs and play lists or listen to a randomly picked song
- Access the amount of music limited only by capacity of your external card
- Pause and continue playback on incoming phone call or headphones removal
- Adjust your playback experience with equalizers
- Synchronize your entire music collection with iTunes
- Convert any audio content, including podcasts, into MP3 format and take it with yourself by importing it from iTunes
- Listen to your music in the background while performing other tasks on your device and much more

Thank you for choosing mOcean!

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.

Installation

The mOcean Package

There are three ways to download mOcean:

- **mOcean.zip** – contains:
 - mOcean-Installer.prc file - for installation on PalmOS device
 - mOceanConduitSetup.exe - for installation of iTunes Hotsync conduit for Windows
 - mOceanV2UserManual.pdf - the manual you are currently reading
- **mOcean-Installer.prc** – for Over-The-Air (OTA) installation and Mac/Linux users
This is the installation file for your PalmOS device.
- **mOcean-Installer.exe** – for Windows XP/2003/2000/NT/98 users only
This package consists of the mOcean player for your PalmOS device, a conduit for synchronization with iTunes and this user manual.

Requirements

- A Treo 700p, Treo 650, LifeDrive or Palm TX from Palm
- Windows desktop computer with HotSync manager version 6.0.1 or newer installed
- iTunes 6 (required for synchronization only)

Installing Your Software

There are several ways to install mOcean:

Installing using a Windows PC

Download the mOcean-Installer.exe file from <http://www.motionapps.com/mocean> and run the installation program. You will be asked to choose a device you would like mOcean to be installed on. Conduit installation setup will take place immediately after. When the conduit has been installed you should HotSync your device with the PC in order to transfer mOcean to the device. Installation on the device will begin immediately after the HotSync has been finished. After the installation process has been completed on the device you will be able to start using mOcean,

Installing over the air (OTA)

Start the Web browser on your device and go to <http://www.motionapps.com/mo>. Download the mOcean-Installer.prc file directly to your device wirelessly, using GPRS or a Wi-Fi connection. Start the mOcean Installer application and the required files will be installed to your device.

You can also beam the PRC file to the device or send it over a Bluetooth connection.

Next time you HotSync the device with a PC you will be notified that there is a desktop component for mOcean available and you will be able to download it to the PC. This will install a conduit for synchronization with iTunes on your computer.

Installing using MacOS X, Linux or other operating system

Download mOcean-Installer.prc file to your computer and perform a HotSync. Immediately after the HotSync has finished the installation procedure will automatically begin on the device. After the installation has been completed you will be able to use mOcean on your device.

About the Demo Version

The demo version of mOcean is fully functional during the 15 days trial period. After the trial period expires, mOcean will require you to register it in order to keep using it.

Registering

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

When you purchase mOcean, the registration 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 registration code, run mOcean and tap the mOcean application name (located in the upper left corner of the screen). Go to **Settings->Help->Register** menu and a registration form will appear. Enter your registration code into the appropriate input field and follow the on-screen instructions.

Using mOcean


Overview

mOcean allows you to play mp3 files on your Treo, choosing between several different user interface modes.











Using mOcean

This section will introduce you to the default mini wheel interface. mOcean offers several different user interfaces, for a further explanation of these see the alternative interface section below.



The wheel can be used to navigate the mOcean menus, play songs, set up playlists and configure settings. Use your thumb on the wheel to scroll through the menus and select the highlighted option by tapping the center of the wheel. To move back to the previous menu tap the  button.

mOcean Status Icons


	Currently playing a song
	Song is paused or no song selected
	Random playback mode
	Loop all songs in the playlist
	Play all songs in the playlist once
	5 way navigation pad in mOcean mode
	5 way navigation pad in classic mode
	Headphones are plugged in
	Currently playing playlist
	Indicator when a song, album, artist or directory has been added to playlist

Using the Treo keyboard with mOcean

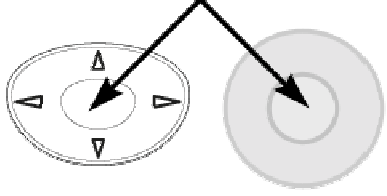
Quick navigation

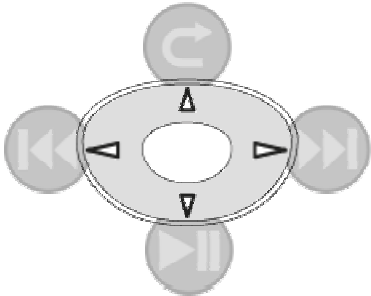

To quickly navigate to an option start typing it on the keyboard. The selection bar will move to the option as you type. If you have a lot of songs in the list this is the fastest way to find the one you are looking for,




Quick add to playlist


Select desired song, artist, album or a directory on the card where your songs are placed and press the MENU key  to add these songs to On-The-Go playlist.

5-Way navigation


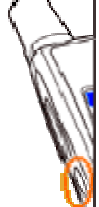
	<p>Quickly select a menu option by pressing the central button on the 5-Way navigator</p>
---	---

	<p>In mOcean  control mode use the 5-Way navigator to:</p> <ul style="list-style-type: none">• Play/Pause songs by pressing Down• Play next song by pressing Right• Play previous song by pressing Left• Go back to previous menu by pressing Up
---	--

Use the OPTION key  to switch between mOcean  and Classic  control mode.

Classic  control mode enables you to go through the menu options in the manner which is common for most PalmOS applications. You can move up and down through menu options by pressing **Up** and **Down** on the 5-Way navigator; choose an option by pressing the **Central** or **Right** button; and move back to the previous menu by pressing the **Left** button on the 5-Way navigator.

Side buttons

<p>Use the side keys to adjust the playback volume. You can use these buttons for volume control even if you are currently working in a different application, [Settings->User Interface->Use side buttons]</p>	
<p>Use the side button to switch to the "Now Playing" screen even if you are working in a different application.</p>	

Playing Music

To start playing a random song on your SD card immediately, select “Random play” from the main menu. For manual music management select the “Music” option in the main menu. This will display the music overview screen, where you will be given five options:

Playlists – Select one of your previous playlists or create a new playlist on-the-go,

Songs – Displays all songs available on your SD card

Artists – Displays your songs according to artist and album

Albums – Displays your songs according to album

Card – Allows you to browse the full folder structure of your SD card for mp3 files

Playback Screen



The playback screen displays the song currently playing, the album name and the name of the artist. The number of the song in the playlist and the total number of songs in the playlist is displayed in the top left corner (ex. 157 of 308, as displayed on the screenshot).

In the lower part of the screen there is a bar which can display various different information.

The default (blue) bar displays the current position in the song and total length of the song.

In order to change music volume use your thumb on the wheel to set the volume. A flat black bar will show up allowing you to see the current volume level.




To jump to a specific position in the song press select button once. A new bar with a diamond-like position mark will show up, letting you to set the new playing position using your thumb on the wheel.

You can also rate the song you are listening to. Press select button twice (first press enters the position change mode) and you will be able to set a rating of the song and give it maximum 5 stars.



Organize Your Music Through Playlists

On-The-Go playlist

The On-The-Go playlist is designed to let you quickly add songs to it. You can add a song, whole album, repertoire of a certain artist, or complete content of a directory on SD/MMC card by pressing the MENU key  or by holding the select button on the wheel for a few seconds.

The On-The-Go playlist (**Music->Playlists->On-The-Go**) enables you to listen to one or all songs added to it. You can sort songs (select the **Sort by > option**) by their name, rating or popularity.

If you would like to store a playlist and use it later, select the **Save playlist >** option, and a new menu will appear allowing you to save the playlist with a new name (**Save playlist as >**) or append the content of the On-The-Go playlist to another existing playlist (**Append to ...**)




Other playlists

All saved playlists and playlists created and synchronized in iTunes can be access inform the **Music->Playlists** menu. Every playlist can be sorted by song names, their rating and popularity. You can easily delete a playlist if you do not need it anymore.

Alternative User Interfaces

The user interface settings can be configured under “Settings” -> “User Interface”. Three primary interface modes are available:

Mini

The mini wheel is available as right, left or center adjusted. Navigation takes place by using your thumb to move around the wheel and thereby scroll through the menu items. A highlighted item can be selected by tapping the center of the wheel. In addition there is a “previous menu” button, and three player controls: Skip forward  backwards  and play/pause 



Vertical

The vertical interface contains the same buttons for Skip forwards, backwards, play/pause and previous menu. To scroll through menu items simply drag your thumb up and down the vertical bar on the right side of the screen. Once an option has been highlighted it can be selected by tapping the center button in the middle of the screen.





Classic

The classical interface works in the same way as most regular PalmOS application. Regular navigation can be made through the 5 way navigation controller – the right and left buttons allow for navigation between menus while the center 5 way button selects the highlighted item.



Configuring mOcean

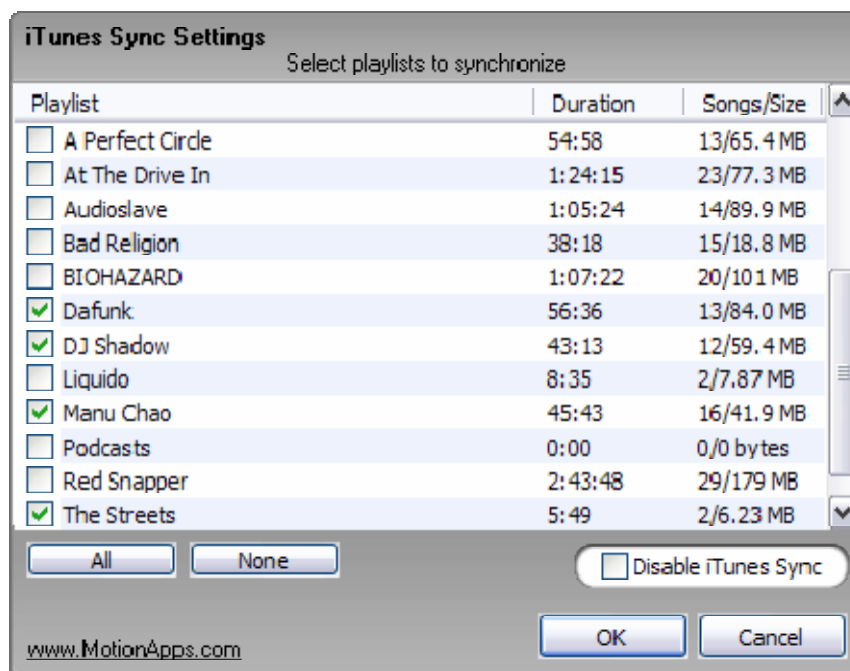
To configure mOcean select “Settings” from the main mOcean screen.

Shuffle 	Shuffle allows for two different modes – shuffle playlists where the songs in your current playlist will be played at random, and shuffle songs where songs will be selected at random from the entire available collection
Loop 	Loop can be set for all songs or one single track
EQ	The equalizer contains 22 preset EQ settings to enhance your playback experience
User Interface	See separate explanation above
Sound	Contains three different settings; <ul style="list-style-type: none">• Background playback for continuously playing music while working in other applications• Automatic pause playback when headset is unplugged• Automatic resume playback when headset is plugged in
Show tips on startup	Toggle startup tips on/off
Backlight	Toggle backlight on/off

Synchronization With iTunes

mOcean enables easy synchronization with iTunes. Create a playlist in iTunes and add the songs you like for it to contain.

Click the right mouse button on the HotSync icon in the system tray on your desktop and select the Custom menu option. A window listing all the conduits available will pop up. Double-click **mOcean iTunes Sync** conduit and this window will be displayed:



Select the playlists you would like to synchronize and transfer to your device and click OK.

Next time you perform a HotSync all the songs and playlists will be transferred to the device. After the HotSync has been completed the playlists you made in iTunes will be available in mOcean on your device.

Frequently Asked Questions

1. What does mOcean do?

mOcean plays music in MP3 format on Treo 700p, Treo 650, LifeDrive and Palm TX devices.

2. What are the mOcean requirements?

mOcean is designed to work on Treo 700p, Treo 650, LifeDrive and Palm TX devices. In order to use it you need an SD or MMC card where you can place songs in MP3 format.

3. Which format does mOcean support?

mOcean supports music files in MP3 format.

4. How can I transfer the songs to my Treo, LifeDrive or Palm TX?

There are three ways to achieve this:

- 1) Use the mOcean Conduit
- 2) Download songs shared over a wireless network to your device, or send it over Bluetooth or Infrared (IR) connection (this way could be slow, depending on the size of the song)
- 3) Copy songs to SD/MMC using card reader or third party software for PalmOS

5. Can I use mOcean without SD/MMC card?

No, you cannot. SD/MMC card is required as storage for songs.

6. Can I move songs from SD/MMC card to main memory?

No. PalmOS does not allow storing this type of files into the device main memory.

7. Can I use a headset with mOcean?

Yes. mOcean detects headset availability and, optionally, it can pause the song playback if headphones are disconnected.

8. Why can I not make a categorization by the song name/album/artist in the mOcean?

In order for mOcean to make a proper categorization by the song name/album/artist, the mp3 files must have include the correct information in their ID3 tags.

9. Can I play other audio formats (besides mp3s) with mOcean?

mOcean is capable of playing regular mp3s. Audio files in other formats such as .aac and .ogg can be played only when transferred to device using the iTunes conduit (which will convert them to regular mp3 format). DRM protected files are in a proprietary format and cannot be played.

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

The files which are not transferred to your Treo during the iTunes sync process might be DRM protected. mOcean is not be able to convert DRM files into a playable format. All music purchased through the iTunes store is DRM protected.

11. What will happen if I choose the random play function?

If you select the random play functionality, your Treo will access the entire available MP3 collection on your device and select the songs for you.

12. Does mOcean contain a loop feature?

Yes, mOcean features loop functionality for a single song, album or artist, along with shuffle possibilities for album and artist.

13. What will happen if I play music and my phone rings?

If the phone rings, mOcean will immediately pause the music. Playback will also be paused should the headphones be unplugged.

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 v2.0.7

- iTunes conduit checks if song in non-MP3 format has been already converted and transferred to Palm device, before converting it again
- Minor internal improvements

mOcean v2.0.6

- Minor internal improvements

mOcean v2.0.5

- Support for Treo 700p
- Support for switching screen off while the music is playing on LifeDrive and Palm TX
- Fixed an issue when changing playing position on huge MP3 files
- Workaround for Sprint and Verizon Treo 650 devices that have problems notifying applications about an incoming phone call
- International characters support
- Fixed possible instability issue
- Updated FAQ

mOcean v2.0.4

- Improved iTunes conduit synchronization on some desktop systems
- Support for older ID3 v2.2 tags
- Fixed an issue with hidden MacOS X system file names, beginning with a dot
- Fixed an issue when song/artist/album names contain some special characters
- Added Extras menu
- Buy and Register options not visible after registering
- Safer code that handles importing synched playlists
- Handled possible screen corruption and refreshing
- Added new "Big Wheel" UI mode
- Trial period extended to 15 days

mOcean v2.0.3

- Fixed an issue with song skipping on some devices.

mOcean v2.0.2

- Minor internal improvements

mOcean v2.0.1

- Minor internal improvements

mOcean v2.0

- Initial public release