TealTime User's Manual

Program Version 1.2.0
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Chapter 1 – Quick Start

Description

A powerful and versatile clock, alarm, and timer, TealTime combines the functionality of a full featured 3D World Clock, countdown timer, stopwatch, alarm, and both digital and analog timepieces.

With a unique flexible interface, you can define which and how many of each clock you want. Use it to simultaneously show multiple time zones, create linked lap timers, or set concurrent overlapping alarms. Powerful tools let you specify rules for adjusting to daylight savings time, calculate averages for multiple stopwatch timings, and enabling dashboards for viewing times even when inside other applications. Customization options let you choose from analog or digital clocks, select days of the week in which alarms are active, and specify whether countdown timers automatically reset and repeat.

Overview

The TealTime main screen can be divided into two parts:

Current Timer

The top half of the main screen shows the ***Active Timer Area***, which displays details for the currently selected timer. You can open the configuration screen for most timers by tapping on their main display element at the center of the screen.

Timer List

The bottom half of the main screen shows the ***Timer List***, which displays a summary and the name of all available timer modules.

To create a new timer, tap on the (+) button in the lower right. You can create an unlimited number of timers, consisting of one or more instances of the following six timer types detailed in the following chapters:

- 3D World Globe
- Analog Clock
- Digital Clock
- Alarm
- Stopwatch

Tap on a timer name to select it and open its contents in the *Active Timer Area*. To configure a timer, tap on the (i) icon to the right of the name. Tap and hold on a timer to reorder it, or swipe right on a timer to delete it.

Chapter 2 – 3D World Globe

The 3D World Globe simultaneously lists times at up to four different world locations, and displays a 3D graphic representation of the earth complete with selected cities and day/night shadow line.

Controls

Tap on the arrows to rotate the globe, or tap on a city name to automatically rotate the selected city to the center of the display.

The Timer List displays the current time at all (up to 4) defined cities, switching between them at 2-second intervals.

Configuration

Open up the configuration screen by tapping on the globe or on the (i) icon to the right of the clock name in the *Timer List*. The following options are available.

Name

Selects the name displayed in the Timer List and optional Dashboard Panel.

Dashboard Panel

Enables a dashboard panel resembling the *Timer List* entry that will appear whenever the TealTime application is closed or minimized. See the “Dashboards” Chapter of this manual for more information.

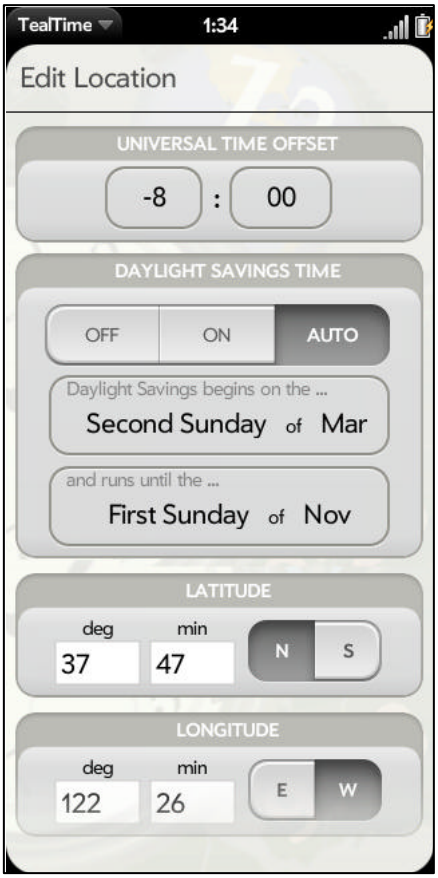
Location

Lets you specify and enable up to four locations to appear on the World Globe.

City

Tap *Edit* to manual enter details for a location, or *City* to select from a list of popular international cities.

See the Chapter: “Time Zones” for more information on manually selecting a location by city.



Edit

Latitude and Longitude

Specify the city location in degrees and minutes. This value is used solely for locating the city graphically on the globe and does not affect time calculations.

See the Chapter: “Time Zones” for more information on manually setting the other time zone fields.

Chapter 3 – Analog Clock

The Analog Clock shows a graphic representation of an animated wall clock complete with second hand.

You may create multiple analog clocks, each one independently set to a different time zone with optional automatic updating for daylight savings time. The time is shown numerically in the *Timer List* and optional *Dashboard Panel*.

Configuration

Open up the configuration screen by tapping on the clock face or on the (i) icon to the right of the clock name in the *Timer List*. The following options are available.

Name

Selects the name displayed in the Timer List and optional Dashboard Panel.

Dashboard Panel

Enables a dashboard panel resembling the *Timer List* entry that will appear whenever the TealTime application is closed or minimized. See the "Dashboards" Chapter of this manual for more information.

Time Zone

Select *Local* to automatically display the local system time maintained by your device, or *Manual* to specify another time zone. See the Chapter: "Time Zones" for more information on manually setting the time zone by city or manual edit screen.

Chapter 4 – Digital Clock

The Digital Clock shows the time in large letters readable from a long distance.

You may create multiple digital clocks, each one independently set to a different time zone with optional automatic updating for daylight savings time. The time also shown in the *Timer List* and optional *Dashboard Panel*.

Configuration

Open up the configuration screen by tapping on the clock face or on the (i) icon to the right of the clock name in the *Timer List*. The following options are available.

Name

Selects the name displayed in the Timer List and optional Dashboard Panel.

Dashboard Panel

Enables a dashboard panel resembling the *Timer List* entry that will appear whenever the TealTime application is closed or minimized. See the "Dashboards" Chapter of this manual for more information.

Time Zone

Select *Local* to automatically display the local system time maintained by your device, or *Manual* to specify another time zone. See the Chapter: "Time Zones" for more information on manually setting the time zone by city or manual edit screen.

Chapter 5 – Stopwatch

The Stopwatch can be used to show elapsed time, and features handy features such automatic average-time calculation, “shake” activation, timer restarting, and optional linking of multiple stopwatches as lap-timers.

Controls

Tap on the ***Start/Stop*** button to start or stop the timer, or ***Reset*** to set it to zero. If the timer is running, tapping *Reset* will first stop the timer and zero the time on a second press.

When the timer is stopped, you can tap ***Add*** to add the displayed time to the list of averaged time values. The average value and the number of averaged times in memory are shown above. Tap ***Clear*** to erase all saved times from the averaging memory.

Configuration

Open up the configuration screen by tapping on the elapsed time display or on the (i) icon to the right of the timer name in the *Timer List*. The following options are available.

Name

Selects the name displayed in the Timer List and optional Dashboard Panel.

Dashboard Panel

Enables a dashboard panel resembling the *Timer List* entry that will appear whenever the TealTime application is closed or minimized. See the “Dashboards” Chapter of this manual for more information.

Options

Select from the following options:

Allow Timer Restart

When this option is enabled, tapping the start/stop button (or shaking) with restart the timer either at the current time or at zero, depending on the setting below.

Zero when Restarting

If the above option is enabled, this option restarts the timer at zero instead of adding more time to the current total. Turn this option on to easily restart the timer without hitting *Reset*, or off to record total time (such as billable time) that might occur with occasional interruptions.

When using the "shake" option below, you might want to turn this option off to prevent accidental restarting of the timer.

Shake to Start/Stop

When this option is enabled, you can conveniently start and stop a selected timer by suddenly shaking the device.

When doing so, you we recommend shaking the device as one sudden back and forth motion. The text "Shaking" will appear in the program title bar. Before shaking a second time, you need to first stop shaking the device, holding it still until this indicator goes away. If sounds are enabled, a "click" sound will indicate when shake-detection is again active.

Link as Lap Timer

To use stopwatches as lap timers, create multiple Stopwatch timers and enable the *Link as Lap Timer* option in all of them.

All the timers will start simultaneously if either the ***Start/Stop*** button is pressed in any timer or if the device is shaken (with the "Shake" option enabled). Subsequent presses of the *Start/Stop* button will then sequentially stop the next linked timer that is running.

When operating in Lap Timer mode, the first "other" lap timer is shown in small numbers above the current timers's elapsed time.

Chapter 6 – Timer

Timers can be used to set to sound an alert after a specified amount of time has passed. As such, they are handy for putting up temporary reminders for cooking and other tasks.

A timer can be set to automatically reset so it continually sounds an alarm at regular intervals, which is useful for recurring tasks like feeding a parking meter.

Controls

Entering Time

To enter a time, tap on the ***Hrs***, ***Min***, or ***Sec*** buttons to increment the displayed time, or ***Enter Number*** to enter enter the time numerically via on-screen keypad.

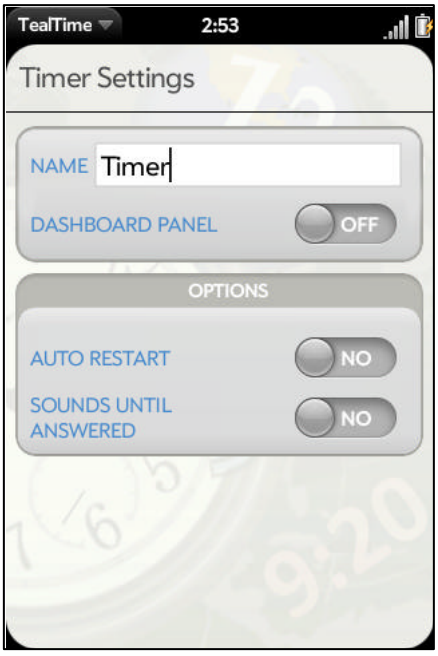
Enter times in seconds, minutes-and-seconds, or hours-minutes-and-seconds. For example, enter “12345” for 1:23:45 (1 hour, 23 minutes, and 45 seconds) or “123” for 1:23 (1 minute, 23 seconds).

If you enter more than 59 minutes or 59 seconds, the value will automatically be converted to the correct format (e.g. the timer will be set to 1:30 if you enter “90”)

Starting and Stopping

Tap on the ***Start/Stop*** button to start or stop the timer, or ***Reset*** to reset the timer. If the timer is running, tapping *Reset* will first stop the timer. A subsequent press will restore the timer to the last set time, and yet one more tap will reset it to zero.

Configuration



Open up the configuration screen by tapping on the remaining time display or on the (i) icon to the right of the timer name in the *Timer List*. The following options are available.

Name

Selects the name displayed in the Timer List and optional Dashboard Panel.

Dashboard Panel

Enables a dashboard panel resembling the *Timer List* entry that will appear whenever the TealTime application is closed or minimized. See the “Dashboards” Chapter of this manual for more information.

Options

Select from the following options:

Auto Restart

Enable this option to make the timer run continuously, sounding periodic alarms at the specified interval.

Max Times to Sound

Specifies the maximum number of times an alarm will sound if unanswered. If set to 0, sounds continuously until answered.
(New in 1.1)

Chapter 7 – Alarm

Alarms sound and bring up an alert and at a specified time of day.

You can create as many independent alarms as you wish. Each alarm can also be set only to come up on specified days of the week.

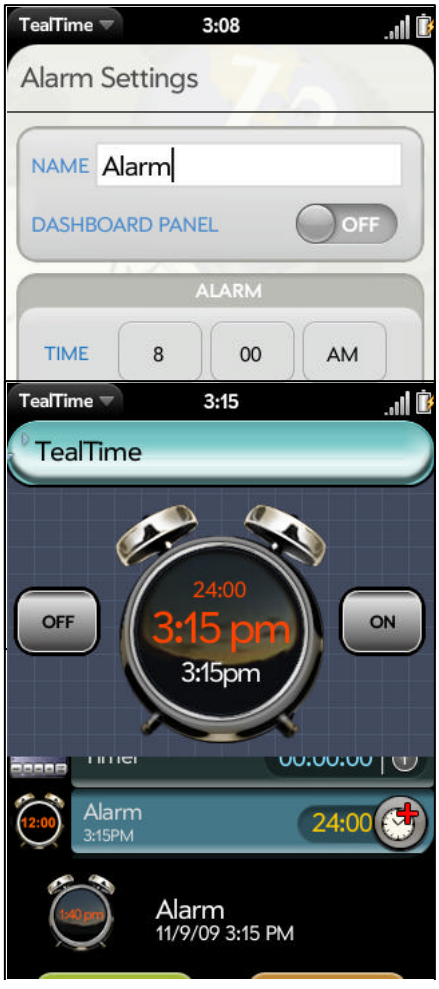
Controls

The current time is displayed in large number. If the alarm is on, the alarm time is shown below the current time and a countdown is show above.

Tap ***ON*** to enable a specified alarm or ***OFF*** to disable it set the alarm time in the configuration screen described below.

Configuration

Open up the configuration screen by tapping on the alarm clock face or on the (i) icon to the right of the timer name in the *Timer List*. The following options are available.



Name

Selects the name displayed in the Timer List and optional Dashboard Panel.

Dashboard Panel

Enables a dashboard panel resembling the *Timer List* entry that will appear whenever the TealTime application is closed or minimized. See the "Dashboards" Chapter of this manual for more information.

Options

Select from the following options:

Time

Sets the time the alarm will sound

Days of the Week

Sets which days the alarm will be active. At least one box must be checked.

Alarm Enabled

Check this box to turn on the alarm. This duplicates the functionality of the ***ON/OFF*** buttons on the alarm *Active Timer Area* display.

Alarm Repeats Daily

If enabled, the alarm will continue to sound daily on the enabled days of the week. If unchecked, the alarm will sound once and then turn itself off.

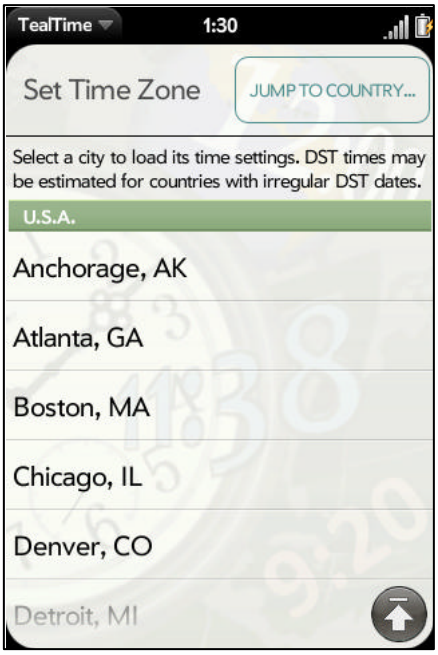
Max Times to Sound

Specifies the maximum number of times an alarm will sound if unanswered. If set to 0, sounds continuously until answered.
(New in 1.1)

Chapter 8 –Time Zones

The *Analog*, *Digital*, and *World* clocks in TealTime can each be set to different time zones with independent time offsets and Daylight Savings Rules. These can be set either by selecting a listed city or manually editing the individual settings.

Selecting Time Zone by City

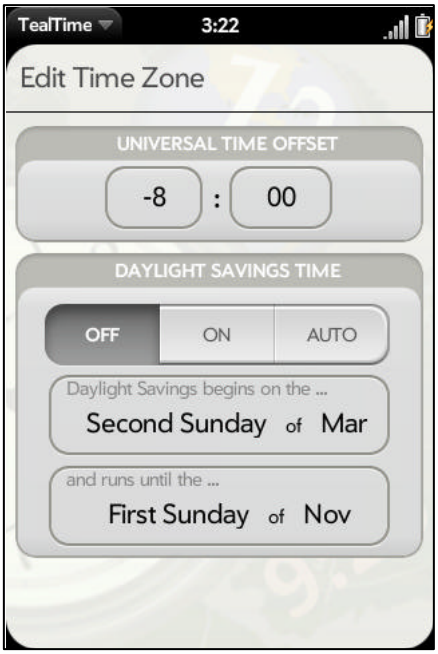


Tap on a city name to load its location and time zone information. For convenience, the name of the city will also replace the current timer name, though you can still change it after selecting the city if you wish.

Select *Jump to Country* to quickly scroll the list to a listed country.

Note: Some countries do not follow regular daylight savings rules and specify when daylight savings by complex rules or by government decree that may change from year to year. For these countries, daylight savings dates are estimated in the City lists.

Manually Selecting Time Zone



The following options are available:

Universal Time Offset

Selects the difference in time between the desired location and Universal Time (a.k.a. Greenwich Mean Time). Do not include Daylight Savings Time adjustments.

For instance, New York City normally lags behind Universal Time by 5 hours, so the Universal Time Offset should be set to "- 5:00".

Daylight Savings Time

Select ON to enable daylight savings time, which advances the clock by one hour, or OFF to disable it. When set to AUTO, daylight savings time is automatically enabled during the date range specified in the boxes below.

Daylight savings start and stop dates can be specified by a day of the year or one of the following common rules:

- First Friday of the month
- First Sunday of the month
- Second Sunday of the month
- Third Sunday of the month
- Last Sunday of the month
- Last Thursday of the month
- Last Friday of the month

While countries change their DST rules from time to time, the following common rules are currently in effect:

United States and Canada

Second Sunday in March until first Sunday in November (except Arizona)

Europe (except Iceland)

Last Sunday in March until last Sunday in October

Australia

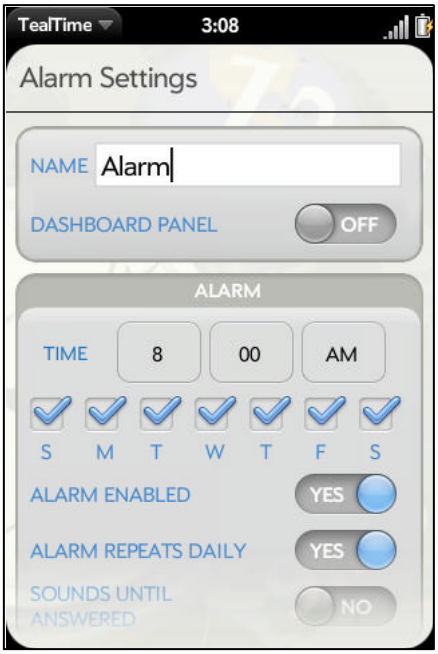
First Sunday in October until first Sunday in April

Chapter 7 – Dashboard Panels

Dashboard panels allow you to view selected timers when TealTime is minimized or otherwise not running.

Enabling Dashboard Panels

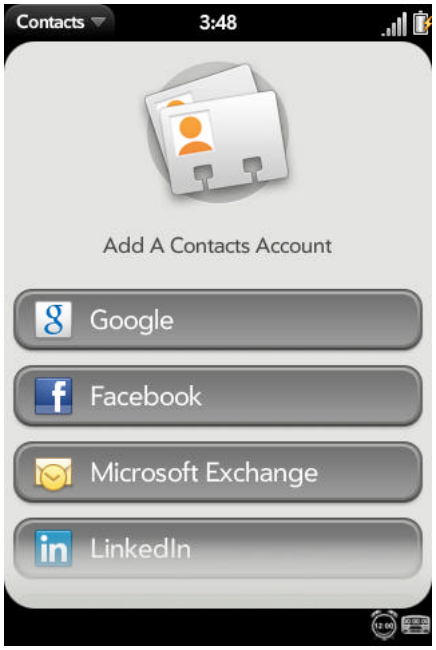
Turn on the dashboard for a timer by selecting the ***Dashboard Panel*** option in that timer's configuration screen.



Selecting

When the TealTime card is minimized, the Dashboard Panels will open. As is the case with any dashboard panel, webOS indicates the presence of the dashboards by displaying icons in the notification area at the bottom of the display.

The open the Dashboard, tap on the notification area.



Using Dashboard Panels

The dashboard panels appear very much like the timers in the *Timer List*, summarizing the same information.

Dragging Panels

You can organize the dashboard panels by dragging them. This will not affect the order of the timers in the main program *Timer List*.

Selecting Panels

Tap on a dashboard panel to open TealTime and automatically select the corresponding timer.

Disabling Panels

You can also swipe right to disable a dashboard panel. This will not delete the timer itself, but only close the panel and turn off the *Dashboard Panel* option in that timer's configuration screen. You will see a popup dialog asking for your confirmation before disabling the panel.

Chapter 8 – Preferences

Select the ***Preferences*** item from the TealTime application menu to set the following preferences:

Sound Effects

Turns on and off the various clicking sounds assigned to timer button presses.

Alert Sound

When this option is enabled TealTime adds additional alarm chime for timer and alarm dialogs. If this option is turned off, then the only sound that may sound is the standard webOS system alert sound that may or may not accompany standard dialogs depending on your webOS system sound settings.

Snooze Time

Sets the time that the snooze button puts an alert to sleep. The entered time should be in minutes.

Audio File

Select an audio file to be played when an alarm or timer sounds. **(New in 1.2)**

Appendix A – Revision History

Version 1.2.0 - January 24, 2010

- Added new option to use music file for alarm sound
- Improved visual appearance

Version 1.1.0 – November 24, 2009

- Added option to specify maximum number of times alarm will sound if not answered
- Added vibration to alarms when sounding
- Fixed blank page from briefly appearing on program launch
- Fixed alarms to correctly sound only once if daily repeat set to off

Version 1.0.3 – November 9, 2009

- Submission of initial version to Palm

Appendix B – Contact Info

TealTime by TealPoint Software
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We look forward to hearing from you.

Please visit us at www.tealpoint.com, or email us at support@tealpoint.com.

Appendix C – Purchase

TealTime is available exclusively through the Palm webOS App catalog.

Appendix D – webOS Products

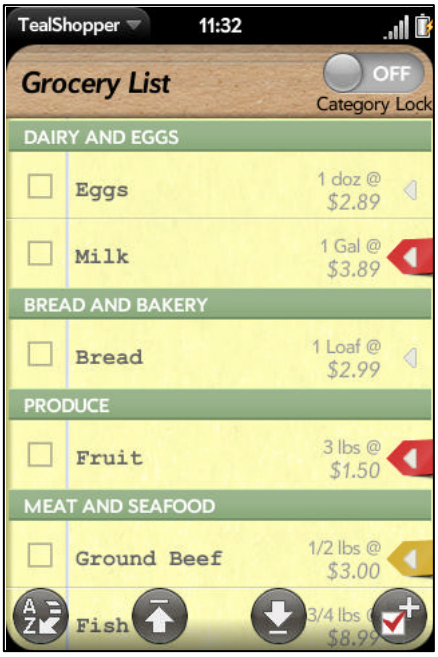
Visit us online for our complete product line for webOS, including:

TEALSHOPPER

(http://www.tealpoint.com/softshop.htm)

List and organize your shopping, tasks, and errands with TealShopper, the supercharged list manager from TealPoint Software. With TealShopper, you can easily organize your entries with drag and drop categories in an attractive, intuitive interface.

To save time with commonly purchased items, you can save them into a frequently-used items list and reload them at any time. Other tools let you flag important items, make copies of lists, and customize each list's appearance and categories. Finally, to help plan your budget, you can even enter product quantities and prices, and have your total automatically calculated for you before you reach the checkout line.



TEALTIME

(http://www.tealpoint.com/softtime.htm)

A powerful and versatile clock, alarm, and timer, TealTime combines the functionality of a full-featured 3D World Clock, countdown timer, stopwatch, alarm, and both digital and analog timepieces.

With a unique flexible interface, you can define which and how many of each clock you want. Use it to simultaneously show multiple time zones, create linked lap timers, or set concurrent overlapping alarms.

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