PalmarySoft

Qualifications Save Explanations

PalmaryClock

Original multifunctional clock with skins support
Version 3.2.1

User's Manual

December 2005

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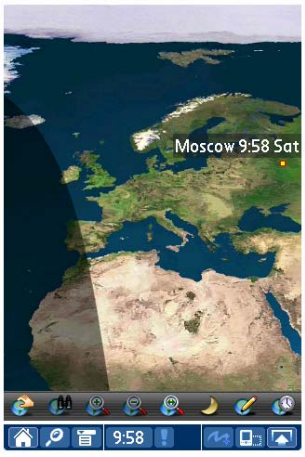
Thank you for downloading this program!
You can freely use PalmaryClock during 7 days.
Please, visit our site www.palmarysoft.com for more info.

Description



PalmaryClock is a multifunctional clock of variable design. It can be transformed into either classical, digital or alarm clock, watches or calendar according to your wishes. Our aim was to develop stylish clock which will be «gratifying to the eye». And it seems to us, we have succeeded. It is dead certain you have never seen such graphic on the Palm platform! The great numbers of skins we have developed for PalmaryClock allow you to design the clock according to your likes. You can also create new skins by yourself. It is possible to use digital photos for creating skins, including those taken with your digital camera. We have worked a lot to make the advanced graphics not slow down the program. PalmaryClock reacts immediately to all your commands. Even on the old devices not more than a second will pass from the program start, and clock will appear on your Palm-organizer screen showing the current time. PalmaryClock has the functionality of the best computer clocks. You can control all time and date parameters. The time is displayed precisely to one second. Date Manager makes it possible to create a calendar for any year, from 1910 to 2030.

Alarm and Chime Manager with improved sound setup with the audio file browser and Mp3/Wav/OGG/WMA support (the internal Mp3 player support for LifeDrive, Tungsten T5,E2, Treo 650 and Zire 72.), ascending volume and sorting option the audio file browser will always remind you about an important appointment or your friend's birthday. You can set unlimited number of alarms for the next hour, day, month or year. Timer manager will help you to manage your routine tasks. You can manage alarms and timers from the main clock screen with the help of customizable active alarm indicator and switchable active events bar.



All sportsphiles will size up the improved Stopwatch manager.

WorldTime Manager will be a reliable companion when traveling, informing you of the local time. It can show you what it is in 550 cities of the world! And World Map Manager will visually show you the world time information. Moreover, in case your city is absent from the list, you can easily add it.

Our Time Calculator will help to precise the time for any small corner of the world. Now you will be able to convert the standard time to the INTERNET time and vice versa for any city of your choice.

Moon phases mode gives all the information on the Moon phases you need!



Treo 600, Treo 650 LifeDrive and Tungsten T5,E2 owners can operate PalmaryClock without a Stylus, using only 5-way navigator!

New multilingual digital, analog and analog-digital skins with animation are available. Your backgrounds will be opened much faster because of our new JPEG/GIF/BMP decoder.

Easy Event Sound Presets access will help You to set your own predefined settings for alarm sounds. You will easily set the remindings properly with the help of Toggle current time indicator for the Timers and Alarms forms. You can change the Digits font for the Timers and Alarms forms.

You may move the clock to any desired position of the screen. Simply drag and drop it with the stylus or use 5- way navigation.



You will appreciate the quick access to the most important functions with the help of the Quick menu.

Now we are willing to offer you the skinable Calendar, the improved Quick on-screen Menu for one-tap access to the most important functions. Preferences are improved and regrouped for easy access, improved Edit Cities form and more flexible and comprehensible preferences form for each view.

We will be very glad if you like and use our program!

Downloading

PalmaryClock program is distributed in archive zip format. You can download the file from www.palmarysoft.com/download. After the download, you should unpack the archive file into any temporary folder. Use the WinZip program for it.

Installation

To have PalmaryClock in your Palm-organizer you must install PClock_Treo600.prc for Treo 600 device or PClock_Treo650.prc for Treo650 device. Double-click on PClock_TreoXXX.prc to launch the Palm Install Tool. Inside this box, you will see a white area, which should contain the name of the file you wish to install. Click the Done button and HotSync your Palm. HotSync will now copy the software across and installation is complete.

You may optionally install the free skins from PalmaryClock\Skins and backgrounds from PalmaryClock\Backgrounds folder using the same steps as above.

For more exciting skins and backgrounds, please visit www.palmarysoft.com

You may optionally install the additional HiRes World Maps from PalmaryClock\Maps folder using the same steps as above.

For more additional HiRes and thematic World Maps, please visit www.palmarysoft.com

ATTENTION! The Install Tool error message:" Unable to install…. File does not exist." appears when path name is too long. In this case, please unpack the zip to the root C:\ folder and reinstall from this folder.

If your device have not got an internal player external PocketTunes player or Aero Player must be installed on your device to play Mp3/Wav/OGG/WMA files! For more info, please visit www.pocket-tunes.com or www.aerodrome.us

Purchase and Registration

You can freely use the full functional trial version of PalmaryClock during 7 days. Then you will have to choose: to purchase the program or to remove it from your Palm-organizer. If you decide to buy PalmaryClock, visit www.palmarysoft.com.

Removal

Removing PalmaryClock is easy. If you use any of the third party launchers (like Silverscreen, Zlauncher etc.), exit it. Use the Delete command of App Menu to remove the program: select PalmaryClock in the list of programs installed into your Palm-organizer and tap the Delete button

PalmaryClock Quick Reference

PalmaryClock program has nine modes: Clock, Calendar, Alarms, Timers, Stopwatch, World Time, World map, Time Utilities and Moon Phases. When PalmaryClock is started for the first time, it runs in the Clock View mode. After this, each time started, PalmaryClock runs in the mode specified at PalmaryClock General Preferences.

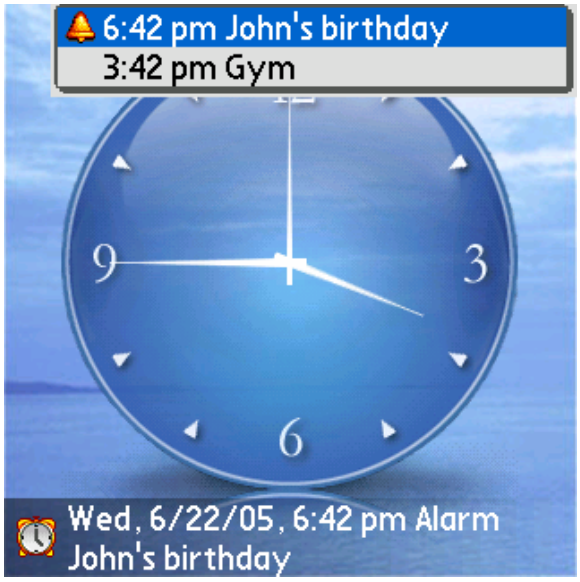
PalmaryClock Menu

Tap either on the menu icon or onto the top of the PalmaryClock screen to call PalmaryClock menu.

Quick Menu

Tap on the screen or use Select button of the navigator to open the Quick Menu.





New Alarm – opens the New Alarm form. Now you can add a new alarm.

Edit Alarm – opens the list of the existing Alarms. To edit an alarm simply tap it's name.

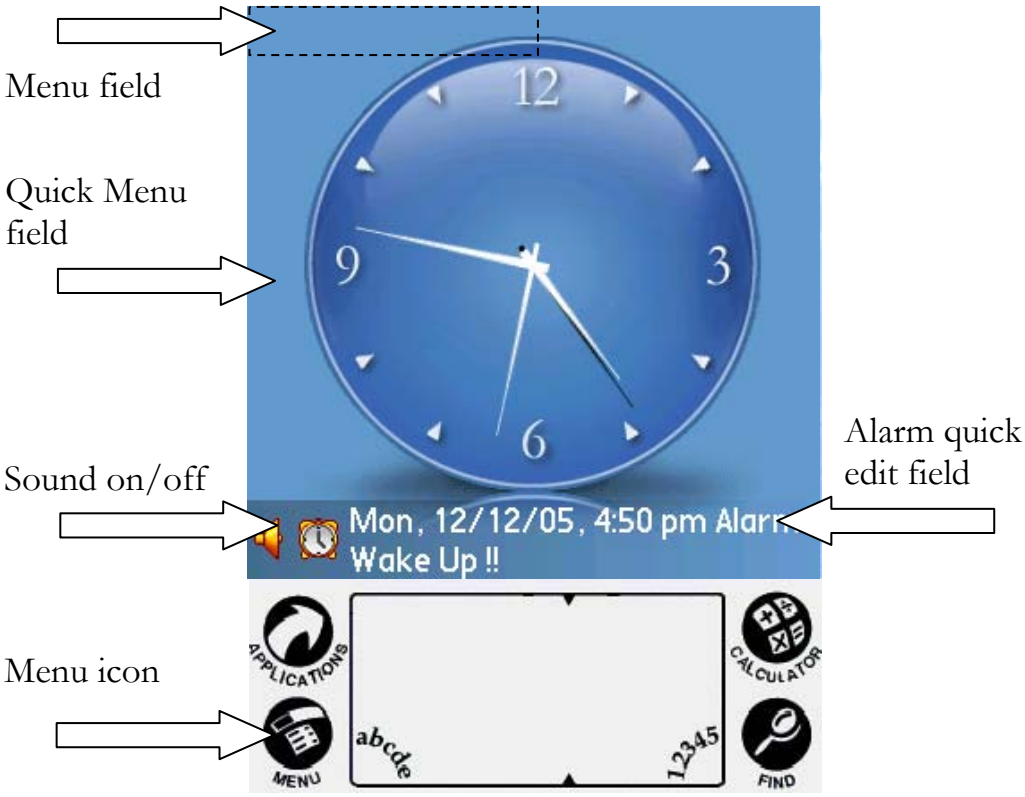
Chime – opens the Chime Setup form.

New Timer – opens the New Timer form. Now you can add a new timer.

Edit Timer – opens the list of the existing Timers. To edit or start a timer simply tap it's name.

Your may also Turn the Sound Off / On; Disable/Enable all Events; Show/Hide the Alarm Hand of the analog clock and Alarm Indicator of the digital clock; Show/Hide Events and Weather Bars, update the Time and Weather information and so on.

Clock View



Tap on the screen to open the Quick Menu.

Tap on the Alarm quick edit field to edit an alarm or timer.

Tap on the alarm sign to switch all alarms and timers on or off.

Tap the sound sign to switch the sound on or off.

You can use Up – Down buttons of the navigator to change the backgrounds.

You can use Right – Left buttons of the navigator to change skins.

You can use Select button of the navigator to open the Quick Menu.

Skin

Choose Skin

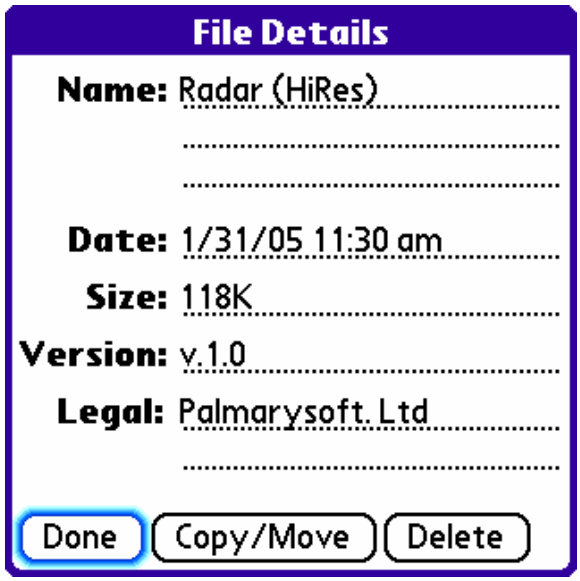


Slideshow – Activates slideshow mode for skins or backgrounds.

Random – Switch on random selection of pictures or skins for slideshow.

Note: Slide Show mode is realized separately for skin and for background, i.e. you can change skin without changing background.

Details – Shows window with information about selected file and allow to user perform operations with file like copy, move, delete





Note: this function is unavailable for the Built-in skins, backgrounds and maps.
Done –exits the form.

Copy /Move – You can Copy or Move the selected file to the destination of the pop-up menu.
Delete – deletes the current file.

Move Skin

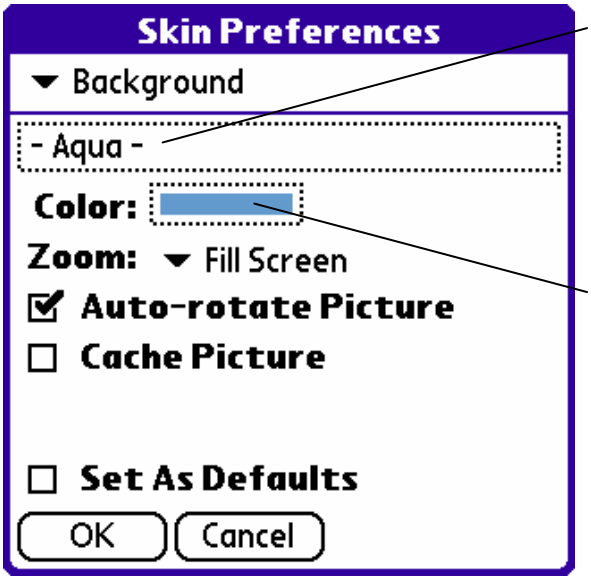


You may move the skin to any desired position of the screen. Simply drag and drop it with the stylus or use 5- way navigation. Toggle "Move Skin" again to quit this mode.

Skin Prefs

To change Skin Prefefences choose the desired item from the drop down menu.

Background – changes the background settings.



Here you will see the name of the current background. You can change it or enable the Slide Show mode. To change current background, tap its name and select another background from the selection window.

Color – sets the background color. Tap the field to change the color. (**The changes will have effect if there is no background image**). You can refer to the Timers Preferences form for more details about colors settings.

Zoom – zoom settings for background picture:

Fill screen – stretch picture to full screen.

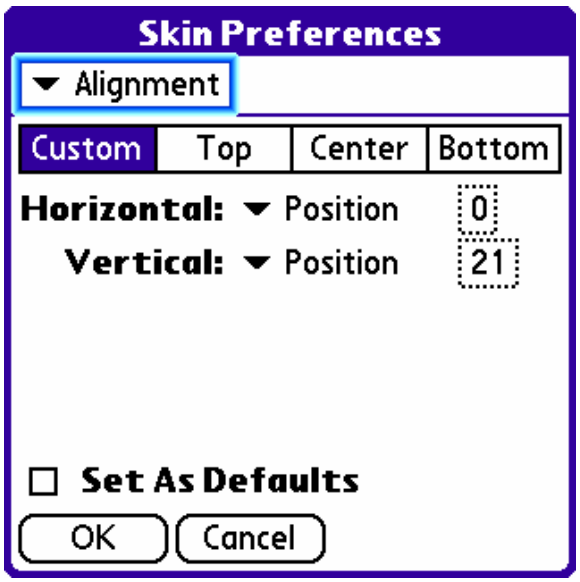
Fit screen – stretch picture to fit screen.

HR+ Autorotate – for handhelds with screen resolution of 320x480 or 480x320 pixels enabling this mode allows rotating image when forming background in order to fit the screen.

Cache Picture – enable the mode of image caching. If the mode is enabled, program loads the picture with considerably higher speed.

Set As Defaults – sets the background settings as default for all skins.

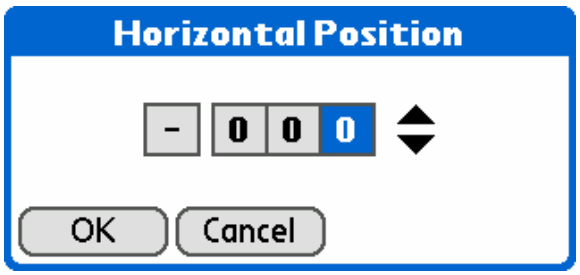
Alignment defines skin location on the screen:



Top – flushes the skin to top.
Center – flushes the skin to center.
Bottom – flushes the skin to bottom.
Custom –alignment is defined by the user:

There are variants of **custom** horizontal and vertical skin alignment:

Predefined –alignment is defined by skin itself.
Center – flushes the skin to center.
Left – flushes the skin to left.
Right – flushes the skin to right.
Vertical:
Predefined –alignment is defined by skin itself.
Top – flushes the skin to top.
Center – flushes the skin to center.
Bottom – flushes the skin to bottom.
Position – you may enter the position of the left corner of the skin manually.



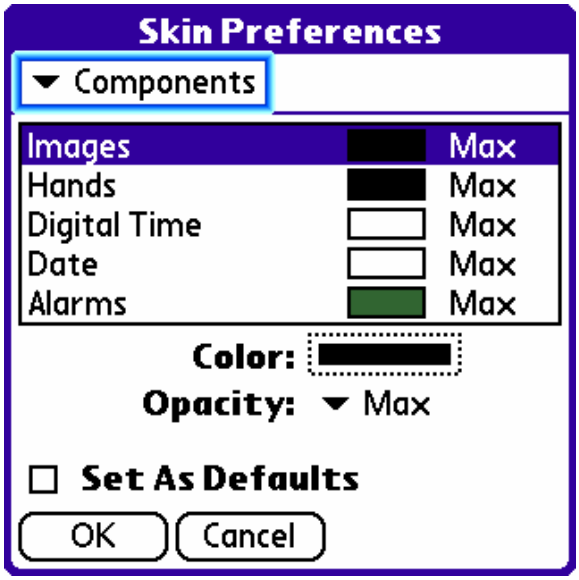
Components – sets the color of skin elements:

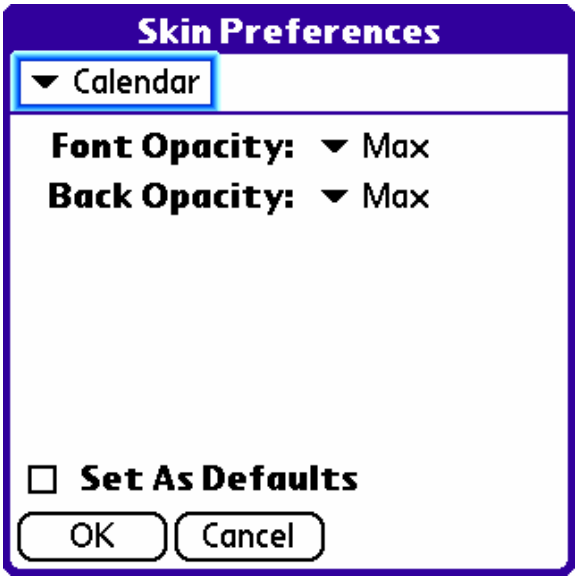
Images – sets the color of all additional images.
Hands – sets the color of hands of an analog clock.
Digital Time – sets the color of time digits of a digital clock.
Date – sets the color of date digits or letters of a digital clock or an analog clock.
Alarms – sets the color of alarm digits or letters of a digital clock and the alarm hand of an analog clock.
Highlight the desired element and use the field **Color.**
You can refer to the Timers Preferences form for more details about color settings.

Note: The changes will have effect if it is provided for in the skin.

Opacity – sets the transparency of the highlighted element.

Calendar – sets the opacity of the calendar elements(if the skin contains a calendar)





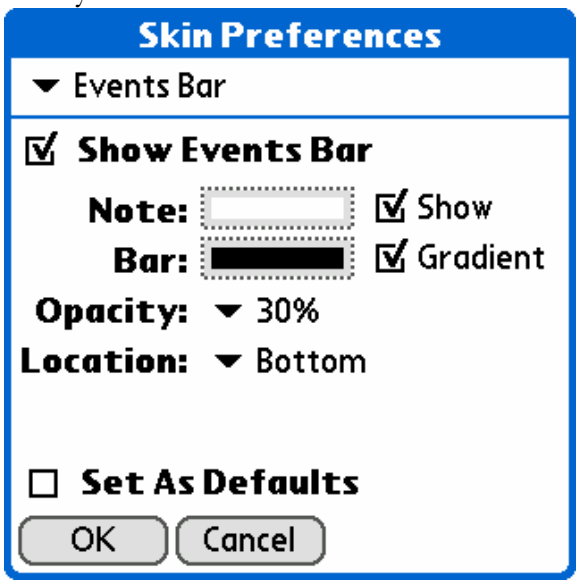
Events Bar – sets the color of events bar elements:

Note – sets the color of the events bar inscriptions.
Bar – sets the color of the events bar.
Show – shows the immediate alarm or timer information if ticked. **Otherwise, only the alarm icon is visible on the screen.**
Gradient – sets the transparency of the events bar from the predefined value to zero.
Opacity – sets the transparency of the events bar.

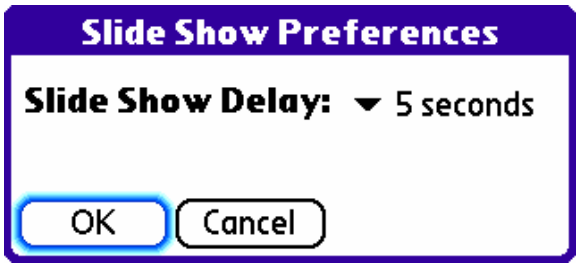
Location – defines the events bar location on the screen:
Top – flushes to top.
Bottom – flushes to bottom.

Events Bar – sets the color of events bar elements:

Show Events Bar– shows the events information if checked.
Note – sets the color of the weather bar inscriptions.
Bar – sets the color of the weather bar.
Opacity – sets the transparency of the events bar.



Slide Show Prefs



Slide Show Preferences – sets the delay for the Slide Show mode.

Calendar View

PalmaryClock offers you calendar for all the years from 1904 to 2031.

If your handheld has Left – Right navigation buttons, it is possible to use them for quick surfing. Press the Left button to see calendar for the previous month and the Right button to see calendar for the next month.



You can always see here the current date (according to the system clock) and current time. The clock is renewed once a minute.

In the left column you can see the week number (from the beginning of the year). The current date is selected.

You can use these buttons to see calendar for any month of any year. Today button will anytime return you to the current date after surfing through calendar.

You can use Up – Down buttons of the navigator to change the backgrounds.

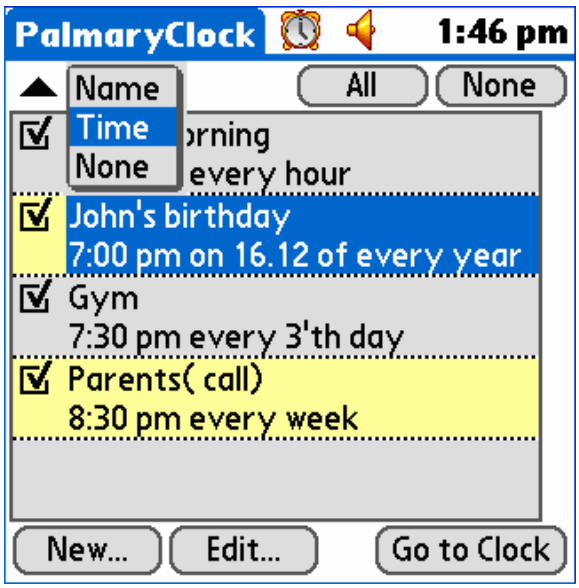
Note: performing this operation will change the background image also for the Clock View.

The calendar skin preferences are similar to clock skin preferences.

Alarms View

This mode will help you to do everything (and to be everywhere) in time. All active alarms are ticked. If you do not want to delete an alarm, but deactivate it for a time, just unmark the alarm. You can deactivate all alarms and timers (without changing marks) or switch the sound on or off by taping on the icons on the top of the form. You can sort your alarms top-down or bottom-up by name, or by time. **None** means that the alarms are displayed by time of inputting.

You may see the current time in the right upper corner of the form. Tap on it to change the displaying mode (Time, Date or Week).



All – actives all alarms.

None – deactivate all alarms.

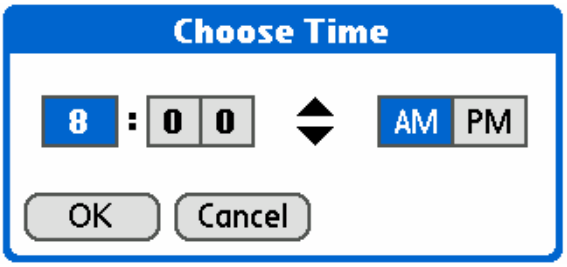
New – opens the New Alarm form. Now you can add a new alarm.

Edit – opens the Edit Alarm form; it allows you to edit and delete alarms from the list. To edit an alarm, tap it's name in the list, then tap Edit button.

Go to Clock– switches to the Clock view.

You can edit or create a new alarm using Edit alarm and New Alarm forms.





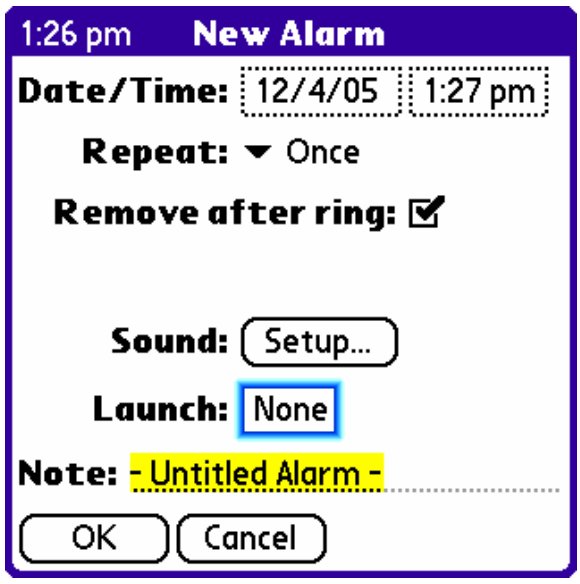
Time – sets the time of the alarm.

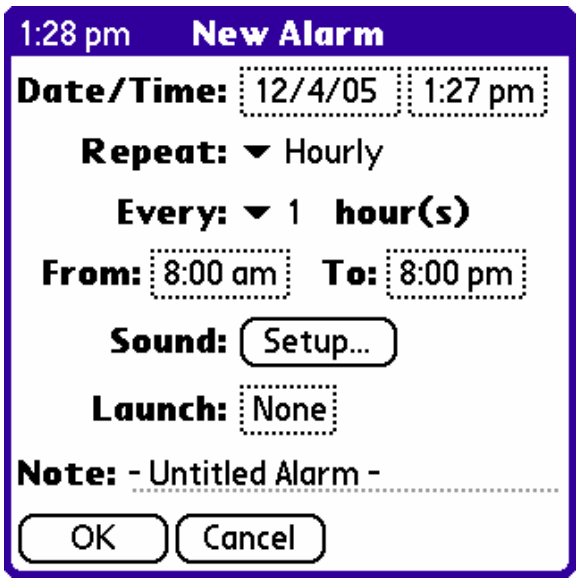
Date – sets the date of the alarm.

Today – marks the current date.

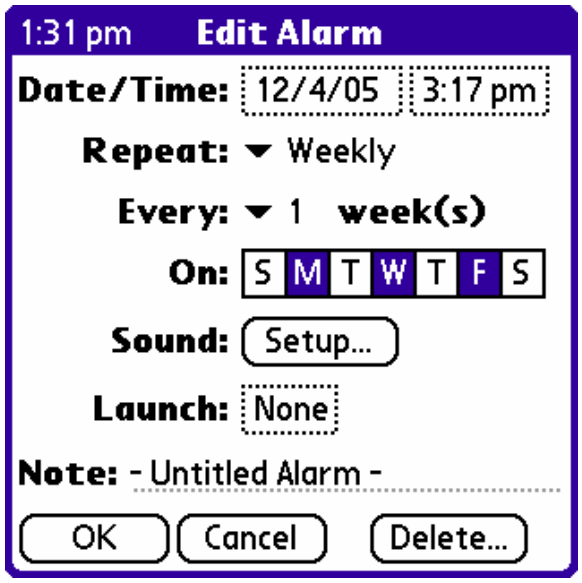
OK – saves changes and exit the form

Cancel – exits the form without saving the changes.





Repeat – using this list, you can set the periodicity of the alarm. Here some variants are possible:



Once – the alarm will ring once at selected time of selected date.

Tick **Remove after ring** to remove the alarm after it rings.

Hourly – the alarm will be repeated with the interval set by you.

From – sets the beginning of the time interval of the alarm.

To – sets the ending of the time interval of the alarm.

Daily – the alarm will signal every day at selected time

Weekly – you can choose some or all weekdays for the alarm.

On – sets the particular weekdays for the alarm.

Monthly – the alarm will signal every month at selected time and day

Yearly– the alarm will signal every year at selected time and date

Note – here you can write a note. It will be displayed on the Reminder screen

OK – saves changes and exit the form

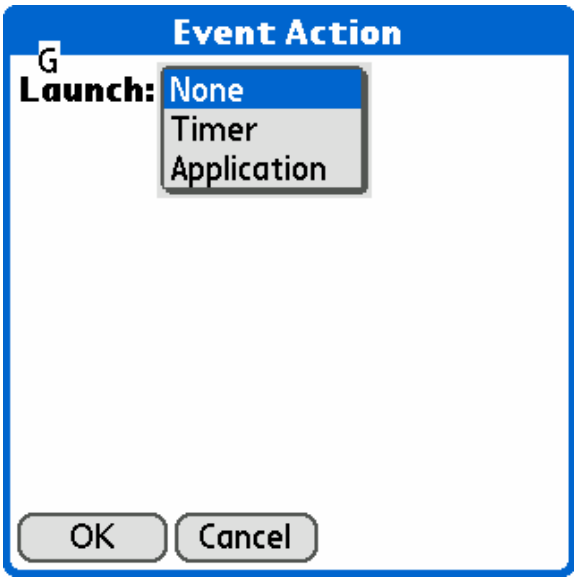
Cancel – exits the form without saving the changes

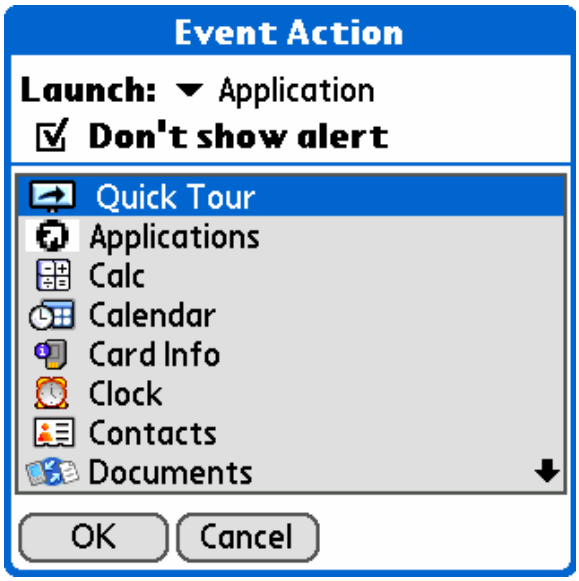
Delete – deletes the alarm.

Sound – you can select the sound and specify the volume and special effects settings for the particular alarm.

You can refer to the Event Sound Presets for more details about Sound setup.

Launch – you can select the launch of an application or another action for the particular alarm.



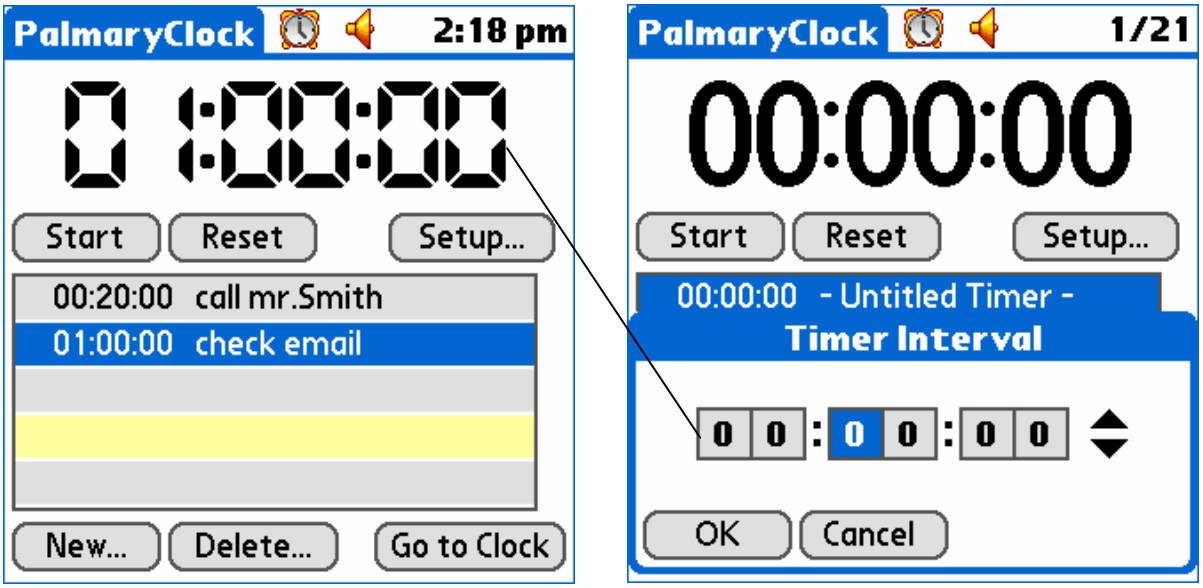


Timers View

This mode will help you not to forget small fries. You can set at the same time as many different timers as you need.

You may see the current time in the right upper corner of the form. Tap on it to change the displaying mode (Time, Date or Week).

Tap the digits for easy start of an untitled Timer (enter the Timer Interval only!)



Start – starts the countdown.

Reset – resets the timer to the reference value.

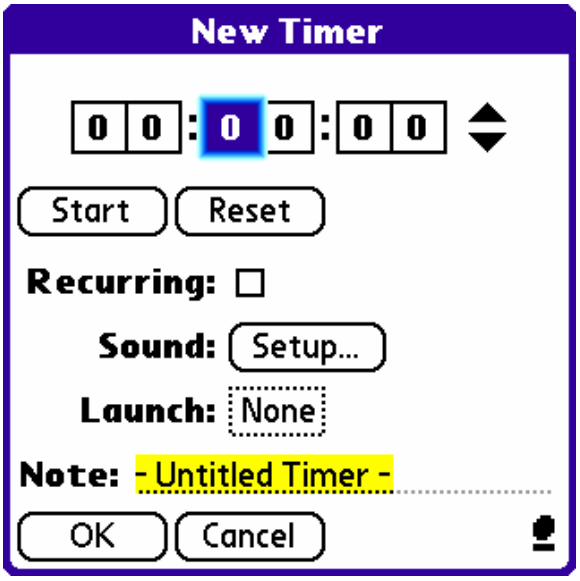
New – opens the New Timer form. Now you can add a new timer.

Delete – deletes the timer.

Go to Clock– switches to the Clock view.

You can deactivate all timers or switch the sound on or off by taping on the icons on the top of the form.

To edit a timer, tap its name in the list, then tap Setup button.



Note – here you can write a note. It will be displayed on the Reminder screen.

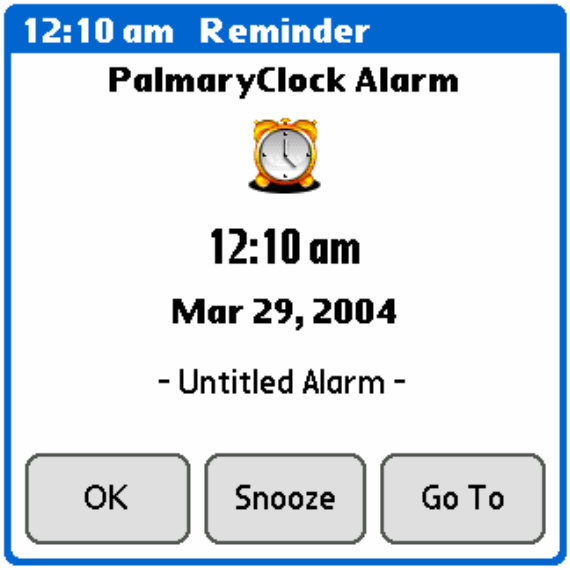
Sound – you can select the sound and specify the volume and special effects settings for the particular timer.

You can refer to the Event Sound Presets for more details about Sound setup.

Recurring – mark it to loop the timer. The timer will be automatically repeated until you deactivate it.

Launch – you can select the launch of an application or another action for the particular timer.

Reminder Screen

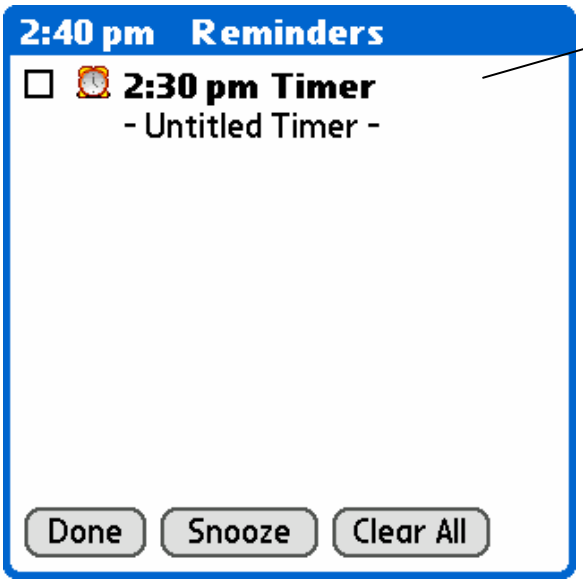


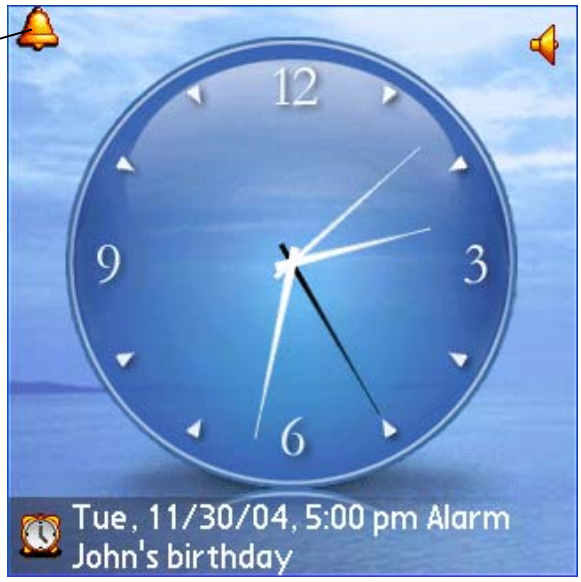
This form appears together with alarm signal. It contains standard information about date, time and note for the alarm.

It also contains the name of the mode that has been snapped into action.

Tap **OK** to exit alarm form and return to the application that was active before the alarm signal.

Tap **Snooze** button to repeat the signal in 5 minutes. In that case, you will see the flashing snooze sign in the left upper corner of the screen. Tap it to call the Reminders form.





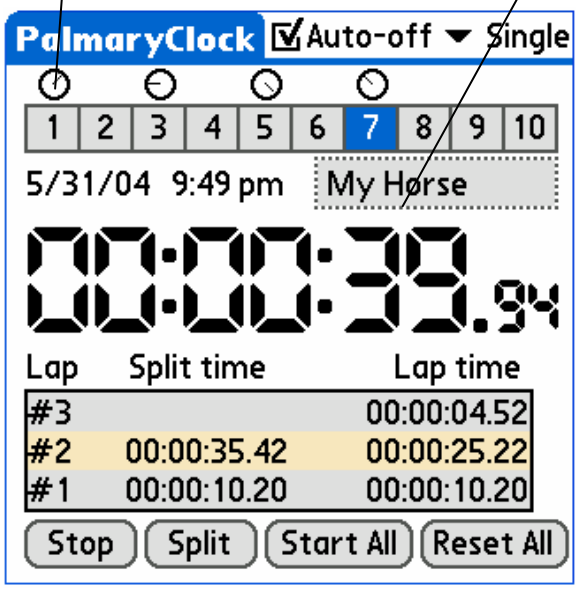
Tap **Go To** to switch to PalmaryClock.

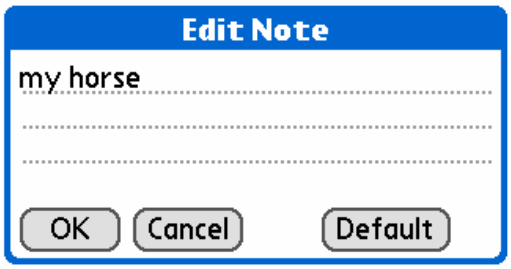
Stopwatch View

This mode will help you to note the time. You can manage a single or all (10) stopwatches at the same time.

The sign ⊖ marks the stopwatch in use.

This field shows the name of the current stopwatch. You can rename any stopwatch you want. Tap the field and enter your name.





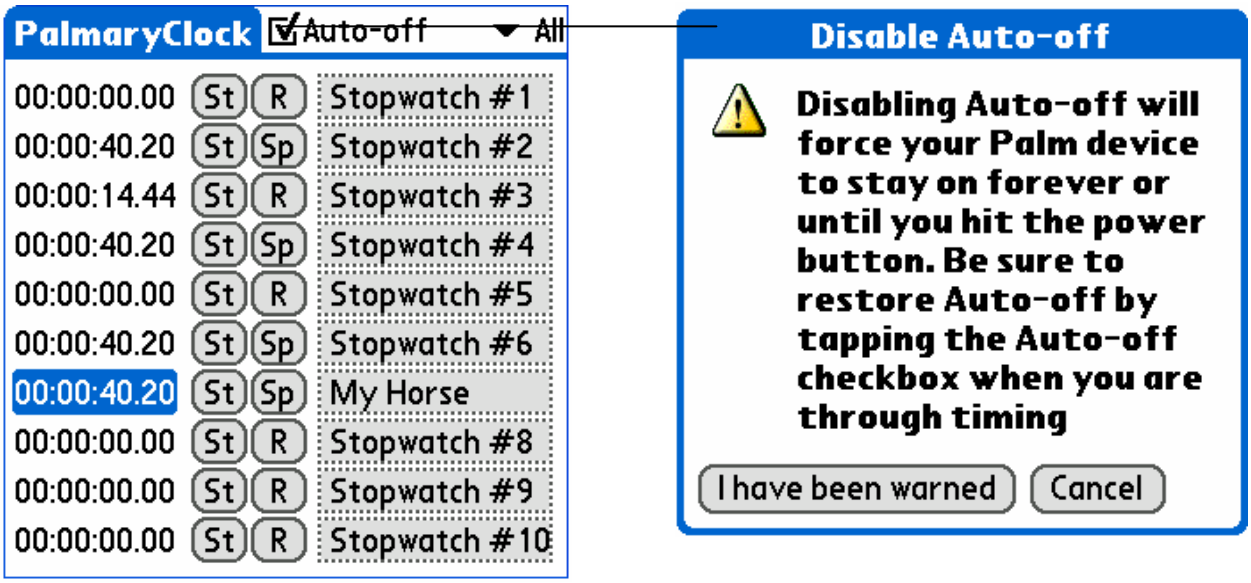
OK – save changes and exit the form

Cancel – exit the form without saving the changes.

Default – returns to the stopwatch it's default name.

Start – starts the chosen stopwatch.
Reset – resets to zero.
Reset All – resets all stopwatches to zero.
Start All – starts all the stopwatches simultaneously.
Split – shows an intermediate result without stopwatch stopping.

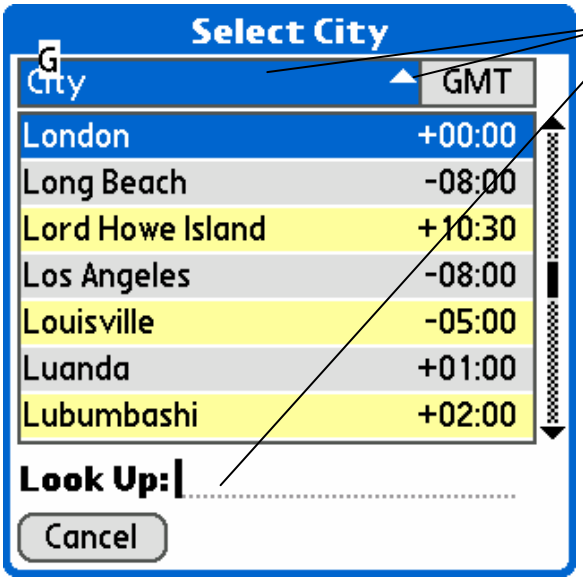
NOTE: If you want your Palm not to shut down when you are using the stopwatch unmark AUTO – OFF. However, be sure to switch this function again when you are through with the stopwatch.


PalmaryClock
Auto-off
All
00:00:00.00 St R Stopwatch #1
00:00:40.20 St Sp Stopwatch #2
00:00:14.44 St R Stopwatch #3
00:00:40.20 St Sp Stopwatch #4
00:00:00.00 St R Stopwatch #5
00:00:40.20 St Sp Stopwatch #6
00:00:40.20 St Sp My Horse
00:00:00.00 St R Stopwatch #8
00:00:00.00 St R Stopwatch #9
00:00:00.00 St R Stopwatch #10
Disable Auto-off
Disabling Auto-off will force your Palm device to stay on forever or until you hit the power button. Be sure to restore Auto-off by tapping the Auto-off checkbox when you are through timing
I have been warned
Cancel

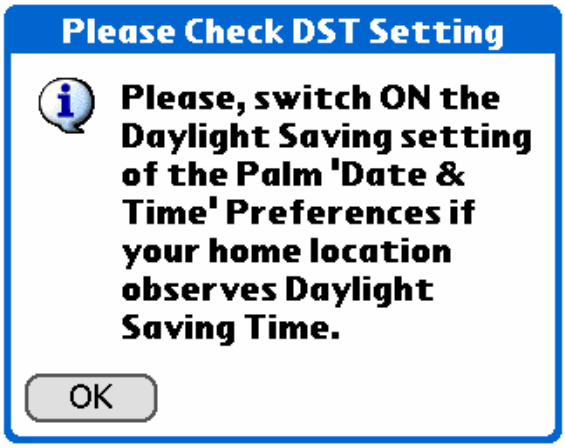
World Time View



This screen gives you the world time information. You can easily change the list of the cities. Time displaying format is defined by your handheld settings. The cities ticked off on the list are marked on the map.



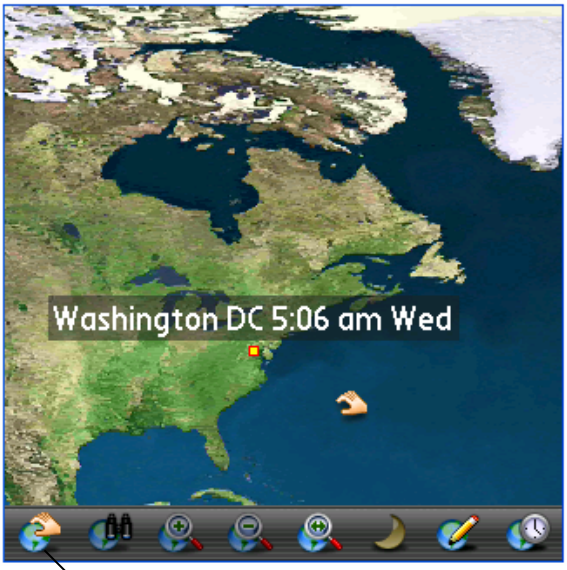
To change the city simply tap it. Use **Look Up** to enter several first letters to facilitate the navigation through the Select city list. Tap the heading of the column to change sorting. Dropdown the divider of the column with the stylus to change it's size.



The first time World Time view started, you will see the following message. PalmaryClock uses date and time settings of the OS. That is why it is very important to check DST setting of the Palm "DATE AND TIME" Preferences.

World Map View

PalmaryClock offers you a unique easy - in - use World map.



The icon in use stands out against the background.



Navigation icon – tap it and the map will follow any movement of your stylus on the screen.



Find icon – tap it and then tap the screen to highlight the nearest city.



Zoom In icon – tap it and then tap the screen to zoom in. Magnification factor depends on the map.



Zoom Out icon – tap it and then tap the screen to zoom out. Magnification factor depends on the map.



Fit to screen icon – tap it to fit the size of the map to the screen.



Daylight icon – tap it to highlight the day and night area on the map.



Find city icon – tap it to highlight the desired city on the map. You will see the Select city form. Tap the desired city. You can refer to the World Time View form for more details about Select city form.

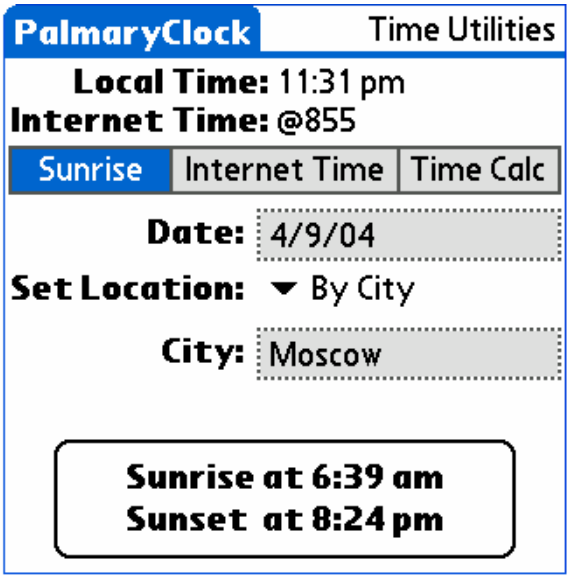


World time icon – switches to the World Map view.

Time Uilities View

Using this mode, you can find out sunrise and sunset time for any place and date. Default sunrise and sunset time is for your home city and current date. You can also get the information on Internet Time and Calculate the time in several cities of your choice.

Sunrise

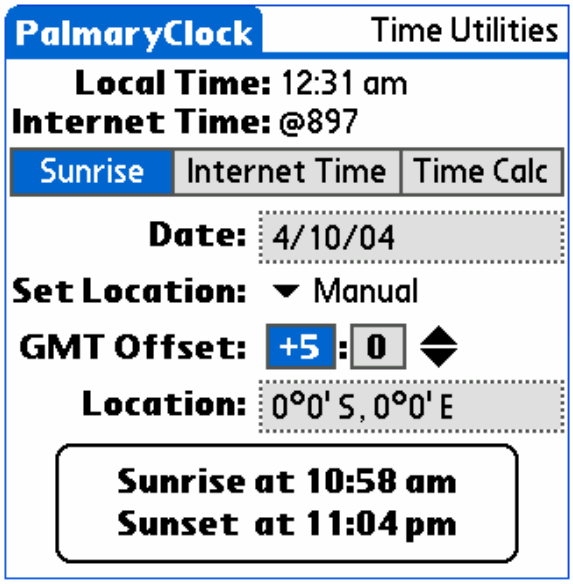


Date –sunrise and sunset date. Just tap it to change.

Set location – here select the place, for which sunrise and sunset information should be displayed. If Set location is in By city mode, just select the needed city from the City list.

City – here you can select a city from PalmaryClock database.

If **Set location** is in **Manual** mode**,** you can enter the location manually. In this case, Sunrise View takes the following form.

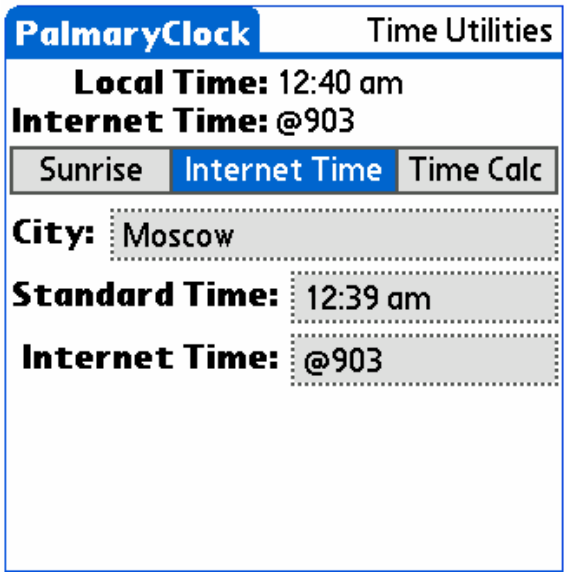


GMToffset – local time offset from GMT in the place for which sunrise and sunset time is calculated.

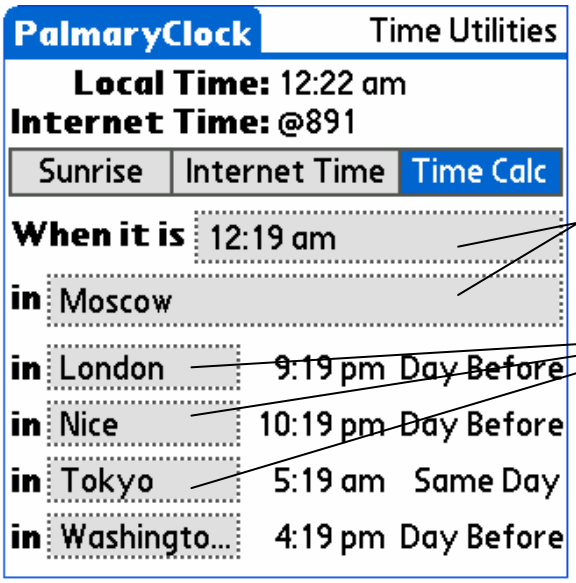
Location – geographical coordinates of the place for which sunrise and sunset time is calculated.

Internet Time

You may enter Standard time to calculate Internet time and vice versa for any city of your choice.



Time Calculator



Simply enter the time and the place and your Time Calculator will give you the information on the cities you have selected

Moon Phases

Now you have to make a single click to get all the information on the Moon phases.

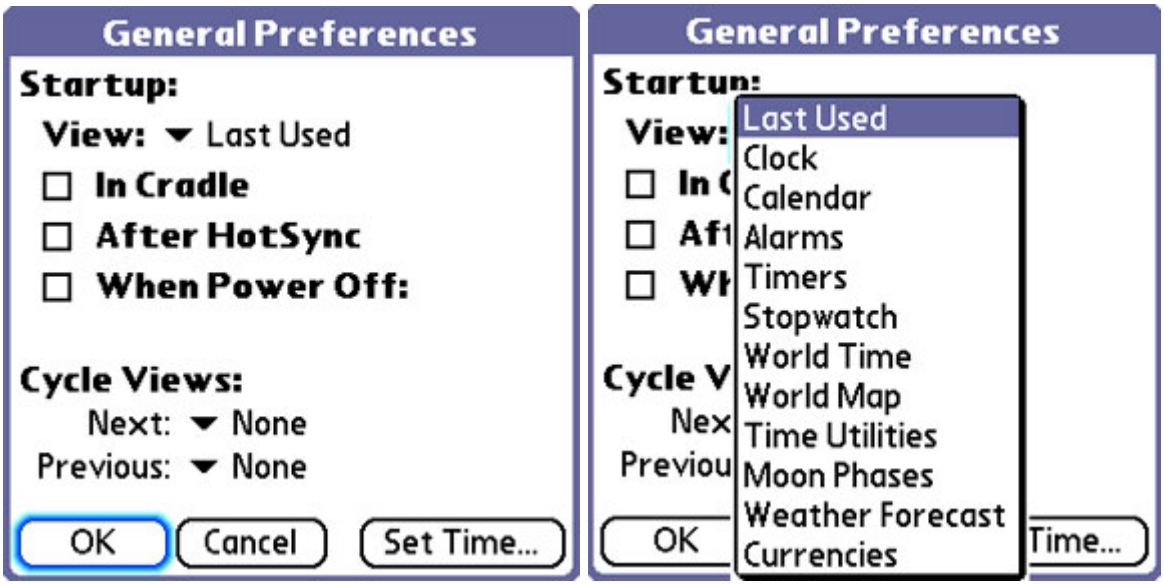


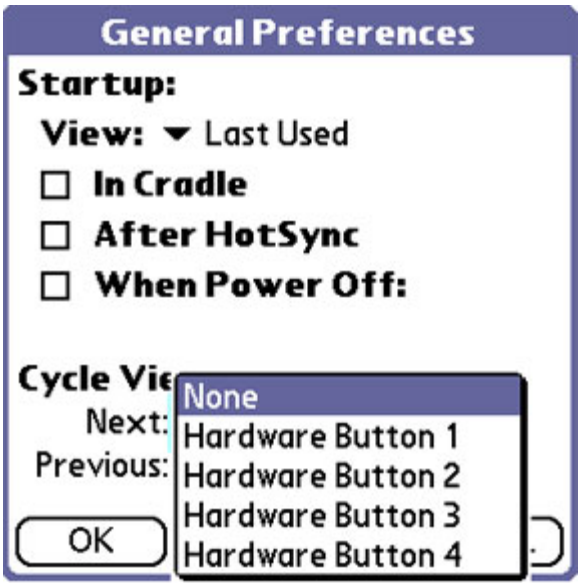
Tap the field to enter any date and time or navigate using the arrows. The time interval is set in the Moon Phases Preferences. To return to the current date and time press **Local Time**.

Options

This menu item allows you to adjust Preferences, Sound Presets, Chime, enter the registration code, Synchronize and adjust Atomic Time and edit Cities list.

General Preferences





Startup:

View – Specify the View to start with. PalmaryClock can start with the last used view or with any of your choice.

In cradle – if this function is enabled, PalmaryClock will start automatically each time inserted into cradle.

After HotSync – if this function is enabled, PalmaryClock will start automatically each time after performing HotSync operation.

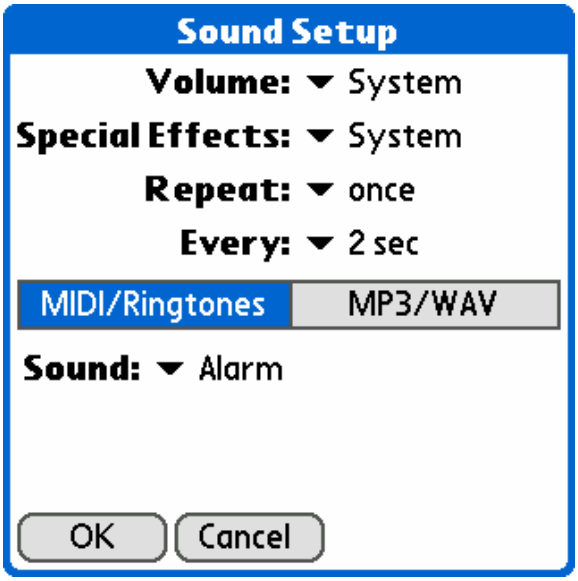
When Power Off– if this function is enabled, You may specify the special button to switch on the device and automatically start PalmaryClock.

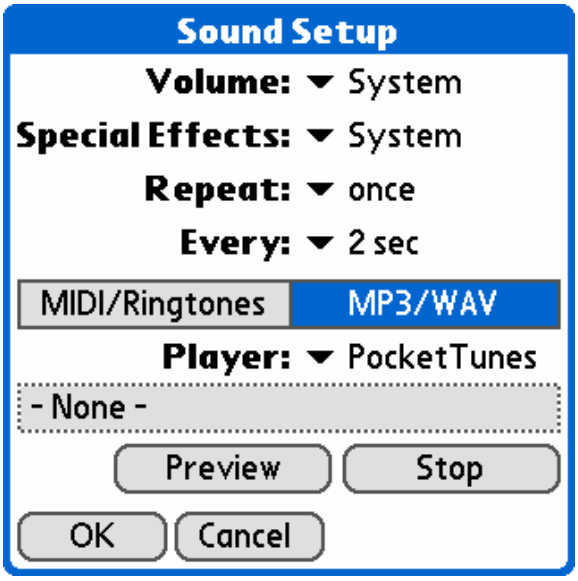
Cycle Views – Allow select hardware buttons from the list for cycle prev/next program view.

Set Time – exits PalmaryClock and opens DATE & TIME Preference Form of your OS.

Sound Preferences

You can set the predefined sound and special effects settings for your alarms and timers.





Volume – You may use for the selected alarm the **System** Sounds setting, change it to **Low**, **Medium** or **High** volume, or turn it off (**Silent**). Choose **Ascending** to fade-in the sound.

Special Effects – You may use for the selected alarm the System Alerts settings, activate LED, VIBRATE or both or turn them off (None). These settings are valid only for the selected alarm! The OS settings are not changed!

Repeat – set the number of signal's repetitions (up to 25 times) for a particular event.

Every – sets the time interval between alarm's repetitions.

Midi/Ringtones

Sound – you can select the internal sounds for your alarm.

Mp3/Wav – you can select an Mp3/Wav/ OGG/WMA file for your alarm.

Player – you can select the internal **(LifeDrive, Tungsten T5,E2, Treo 650 and Zire 72)** or the external player.

Tap the field with the name of the audio file to open the Mp3/Wav /OGG/WMA file browser.

Tap the file to choose it.

Note: Now You may place your audio files and play them from any folder you want.



Preview – tap to play the selected file.

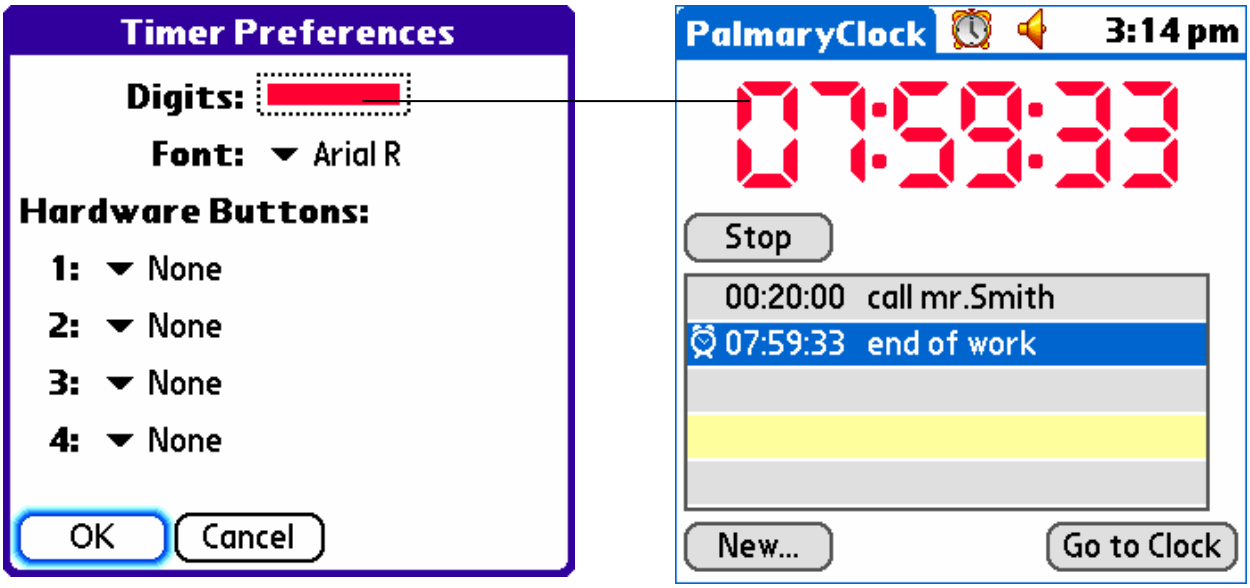
Stop – tap to stop the selected file.

Note: PocketTunes player or Aero Player must be installed on Your device to play Mp3/Wav OGG/WMA files (except LifeDrive, Tungsten T5,E2, Treo 650 and Zire 72)!

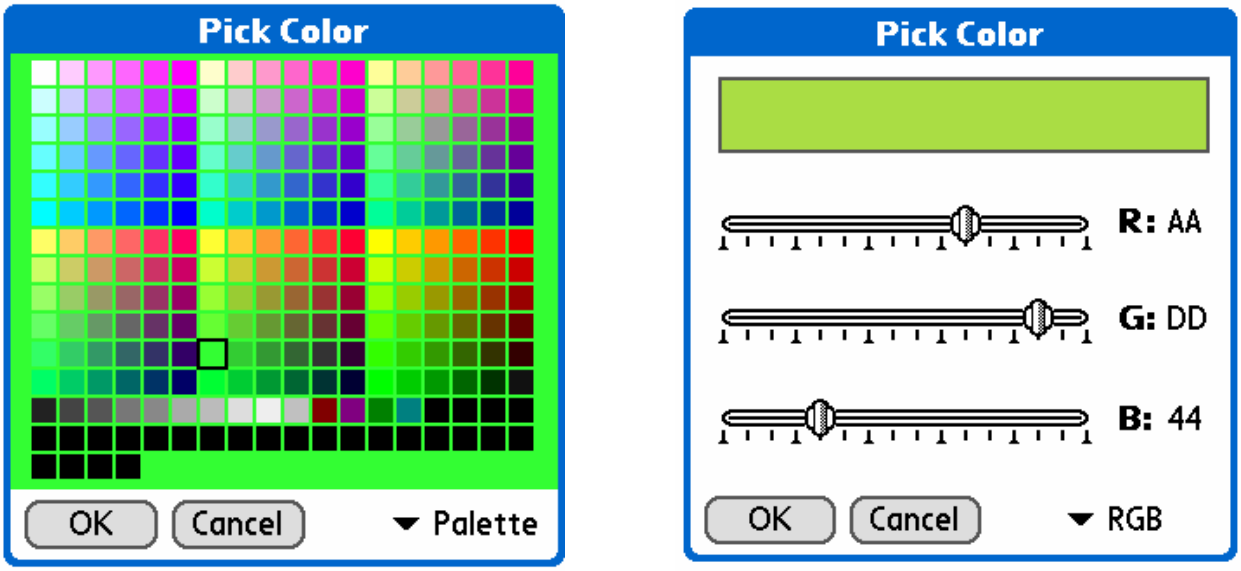
View Preferences

The Preferences forms for different Views are available only when the desired View is on.

Timers Preferences



Digits – sets the color of Timer's digits. Tap the field to change the color.

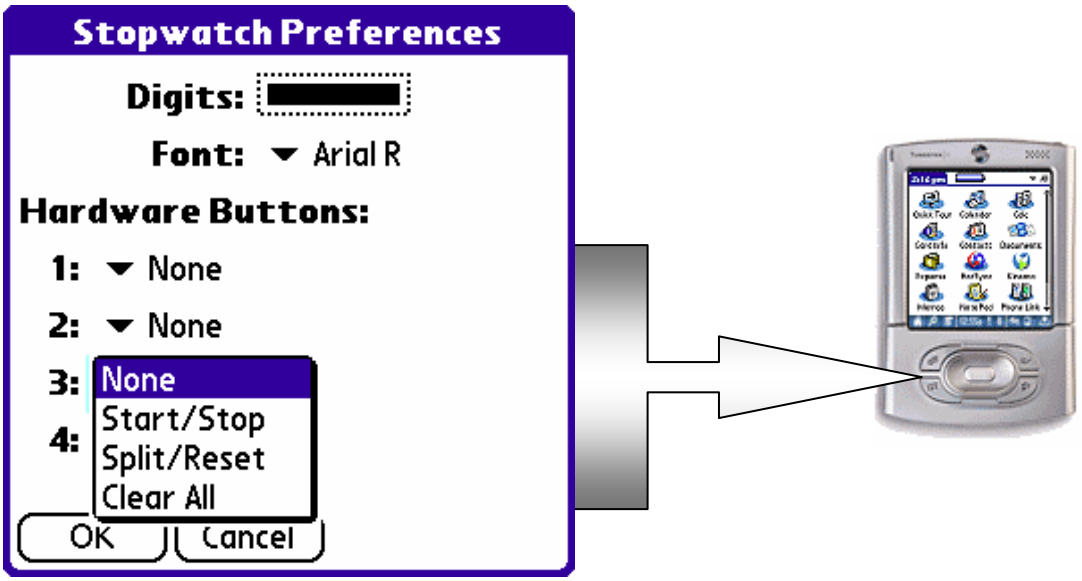


You can choose a palette color or create your own tone with the help of RGB (Red, Green, and Blue) form.

Font – you can change the digits font.

Hardware Buttons – you can assign timer's button (Start/Stop or Reset) to any hardware button you want.

Stopwatch Preferences

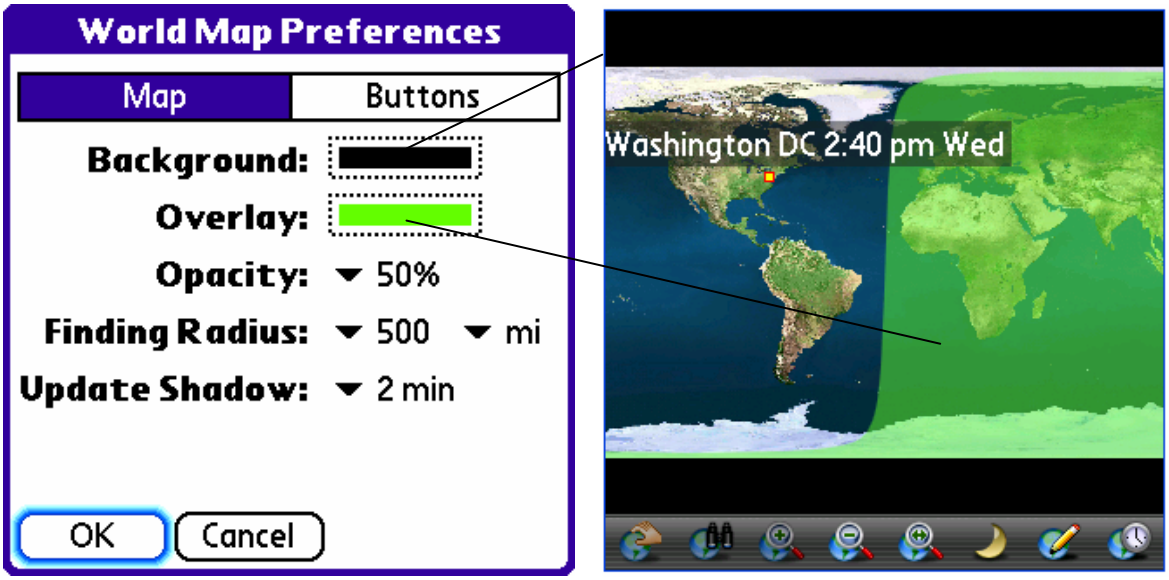


Digits – sets the color of Timer's digits. Tap the field to change the color.
You can refer to the Timers Preferences form for more details about colors settings.
Font – you can change the digits font.
Hardware Buttons – you can assign stopwatch's button (Start/Stop, Split/Reset, and Clear All) to any hardware button you want.

Choose World Map

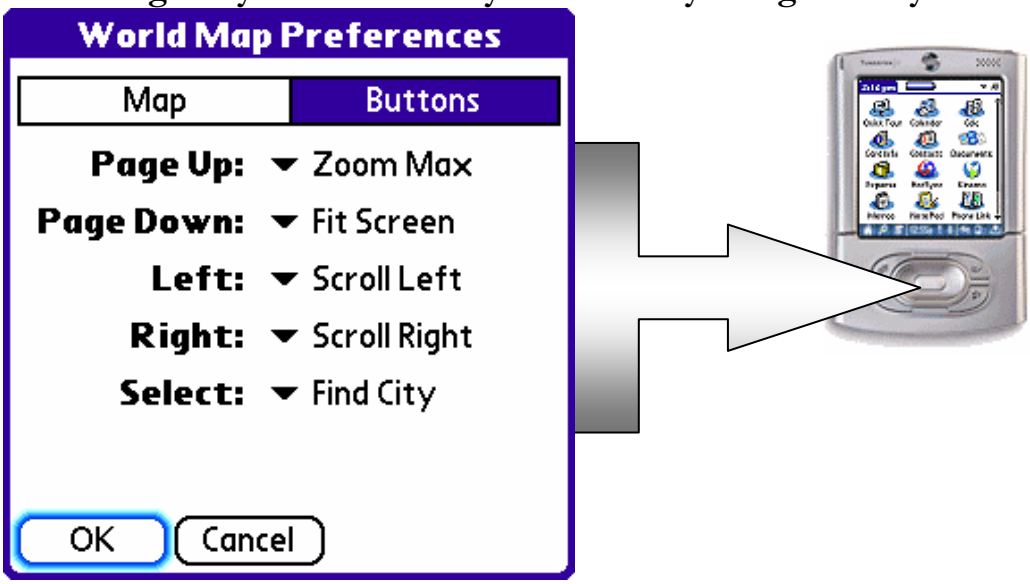
You may easily change the world map. The form is similar to Choose Skin form.

World Map Preferences



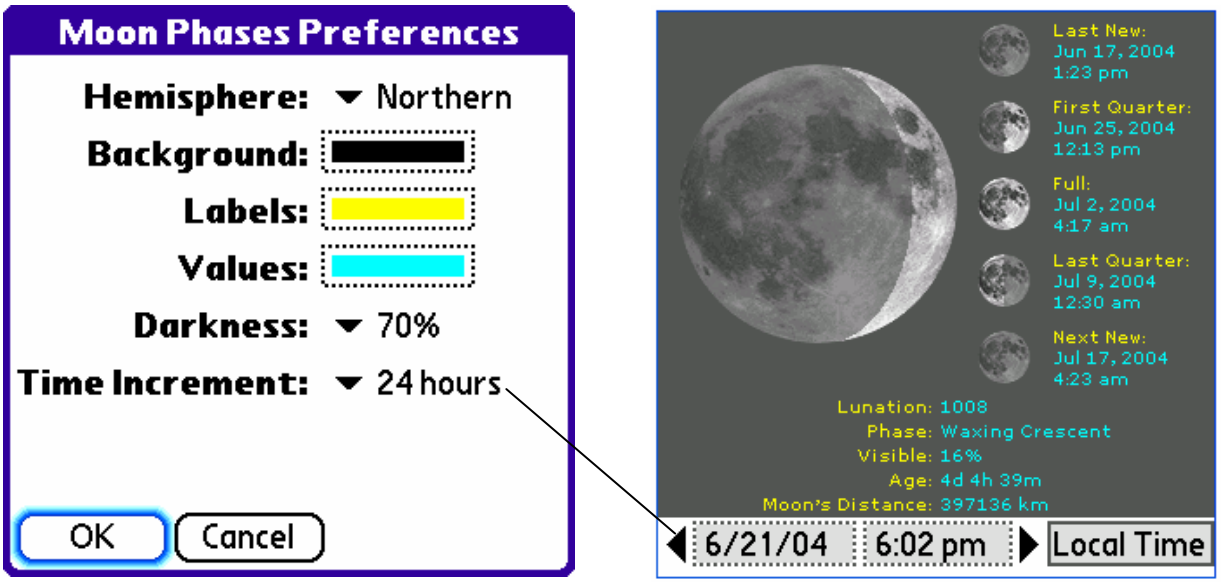
Background – sets the color of your map's background.
You can refer to the Timers Preferences form for more details about colors settings.
Overlay – sets the color of the night area shadow.
Opacity – sets the transparency of night area shadow.
Finding Radius (for Find icon) – sets the radius in miles or kilometers to the nearest city from the point you have touched on the map.
Update Shadow – sets the interval between the position changes of the night area shadow.

You can assign any function to any of the 5-way navigator of your Palm.



The Choose World Map and World Map Preferences are available for World Time and World Map Views.

Moon Phases Preferences



Hemisphere – You may choose your location (Northern or Southern).
Background – sets the color of your map's background.

Labels – sets the color of your map's labels.

Values – sets the color of your map's values.

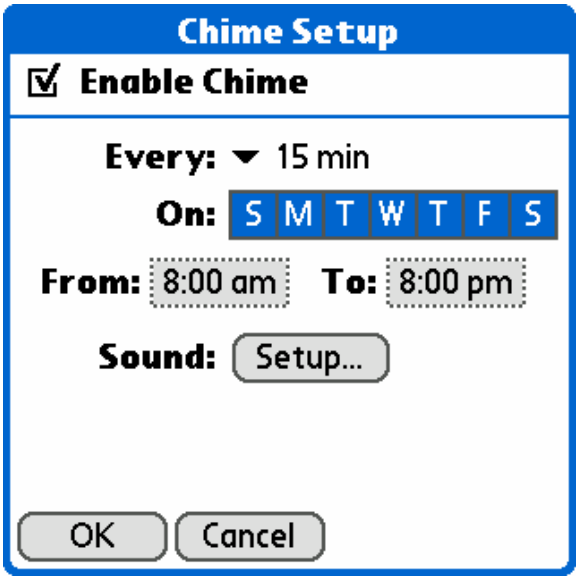
You can refer to the Timers Preferences form for more details about colors settings.

Darkness – sets the opacity off the shadow.

Time Increment – sets the time interval for the arrows' navigation.

Chime

If the Chime is enabled You will hear a specified sound at a specified time interval.



Tap **Every** to choose the time interval.

On – sets the particular weekdays for the chime.

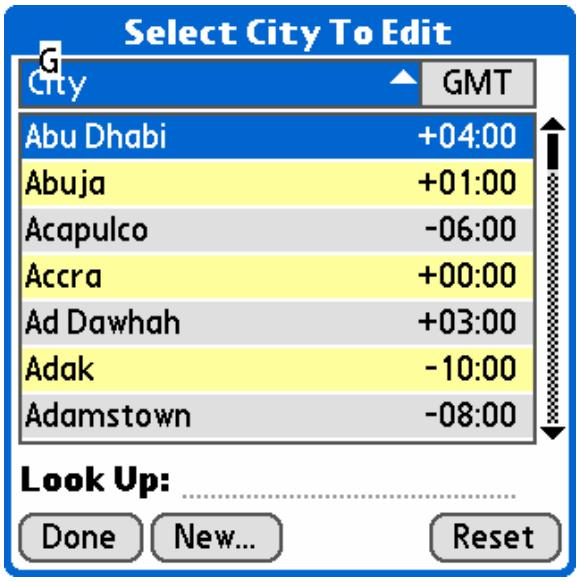
From – sets the beginning of the time interval of the chime.

To – sets the ending of the time interval of the chime.

Sound Setup – you can select the sound and specify the volume and special effects settings for the chime.

You can refer to the Event Sound Presets for more details about Sound setup.

Edit Cities Form



OK - return
New… - add new city.
Reset – return to the default database. All the changes you have made will be cancelled.
You can refer to the World Time View form for more details about **Look up** function.
Tap the heading of the column to change sorting.

Tap the **New** button to enter a new city.



If the city needed is absent in the list, it is possible to add or edit the cities database. To do this select Options->Edit cities… in program menu. The cities list will appear. To the right of a city name you will see the city local time offset from GMT.

To edit information about a city, select city you need in the Select City. To do this, just tap the city name. Use the Edit City form to edit or delete a city from database.

Name – name of city
GMT offset – time offset from GMT. (Measured with 15 minutes discontinuity).
DST enabled – if on, DST regime (mode) is enabled for the city
Start – DST period start
End – DST period end
Daylight bias – DST time offset. It can be either one (default) or two hours.
Location – geographical coordinates of the city **OK** – return to the previous window saving the changes made.
Cancel – return to the previous window without saving the changes made.
Delete – deletion of city.

You can use the DST Start/Stop form to change information about start and end of DST period. Use the Set City Location form to specify the location. It is necessary to fill out this form as this information is used by the Sunrise View and the World Map View.





Registration Form

Enter into this field your registration code that you got after program purchase.



Remember that you can freely use the PalmaryClock program only during 7 days from the moment of installation.

PalmaryClock Basics

Skins

PalmaryClock skin is an external program that contains all the data for displaying clock on your Palm-organizer screen. Skin program interacts with PalmaryClock. You should install a skin either onto the memory card (preferable variant) or into the internal memory of your Palm-organizer. After this, the skin will be available for selection in the Skin List of the Preferences Form.

Note: It is impossible to use a skin separately from PalmaryClock.

Installation of a skin does not differ from installation of any other program. To install a skin, use the Palm Desktop program on you desktop PC. We recommend you to install skins onto the memory card to save the internal memory of your device. When installed on the memory card, skin is placed into the PALM/Launcher folder. As any program, skin occupies certain part of you Palm -organizer or card memory. Therefore, if you do not use a skin, it might be better to delete it.

Skins control functions (including Delete option) can be found in the section Skins of the Preferences Form. After removing PalmaryClock from your Palm-organizer, skins installed into the internal memory will be deleted automatically. Skins installed onto the memory card you should delete by yourself.



If you want to save memory of your Palm-organizer, refuse from installing the skins. PalmaryClock in this case functions as usual, as it contains built-in default skin and background.

What is a PalmaryClock skin? It is not very difficult. First, it contains digital image of clock or watches: one or several dials, figures, housing and even bracelet if necessary. Second, it contains the image of the clock hands in position 12.00. There are usually three hands (hour, minute and second), but versions both with greater or smaller quantities are possible. Third, skin contains information necessary for the correct clock displaying (information about clock center and hands fastening point coordinates, etc.). Fourth, skin contains information that will allow you to

use in clock design such additional effects as shadows and transparency - effects that give charm to your clock!

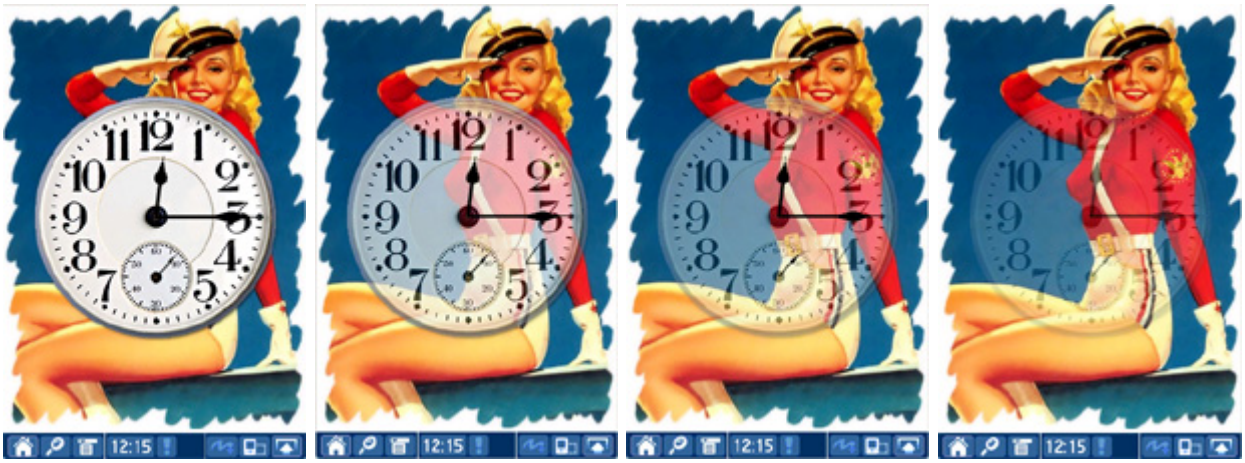
You see, all looks rather simple. However, skin information is not enough to make your clock look naturally on the screen. In fact, skin is only initial data for a complex procedure of graphic processing, which we realized in PalmaryClock. We have developed the procedures that still have no analogs on the Palm platform. Does PalmaryClock allow using additional effects to customize a skin? Yes! Moreover, sometimes it is simply necessary! We have realized the following effects: Skin alignment, Skin opacity, Skin rotation that is adjusted in Preferences Form.

The Skin alignment effect makes it possible to move the clock across the screen (clock in the screen center sometimes does not go well with the background you have chosen.





The Skin opacity effect is used if it is necessary to change clock transparency. If the opacity is selected as «none», clocks become invisible on the screen.



The Skin rotation effect... Simply makes clock more stylish!

Backgrounds

Here is some information about the images that you can use as a background for your clock.

You can use as a background any of the sequential jpeg digital images available on your Palm-organizer. To store images, as also any other information, Palm offers you two ways: save them either into the internal memory or onto the memory card. The information to the memory card is saved in the form of separate files of the \DCIM\Images (\MS\Images for Sony handhelds) folder. All the jpeg images in this folder can be used as a background and are available in the Background list of the Preference form. There are several ways to save jpeg files onto the memory card, including that with the help of Palm Desktop (Palm Photos program) on your Desktop PC. In the internal memory of Palm-organizer jpeg images can be stored as Palm OS databases.

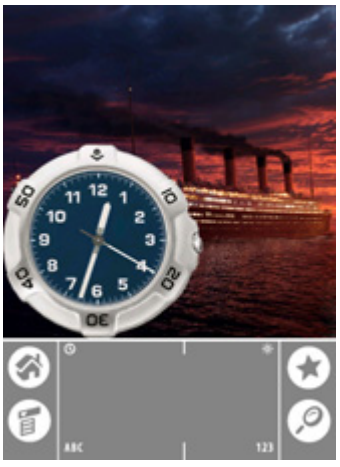
Note: database format can be one or another depending on the application in which the database was created. PalmaryClock supports the databases format for jpeg images storage, which is used also in Palm Photos. If you want to save an image into the internal memory of your Palm-organizer, use the program Palm Desktop (Palm Photos program) of your Desktop PC. The current version of PalmaryClock supports only jpeg and does not support progressive jpeg. That' why not all jpeg files can be used as a background. Sorry. Now we are working on it to solve this problem.

Is a background present or absent, it does not influence the work of PalmaryClock. You can disable background at all or use the built-in default background of PalmaryClock. Besides this, we recommend you to disable background, if it seems to you, that change of skin or/and background takes too much time.

Note: duration of the skin change procedure does not influence PalmaryClock start speed.

Especially for you we have developed SkinMaker - a skin manager. Using it, you can create skins by yourself.





Is it necessary to do something with a jpeg image before converting it into a background? No, nothing is required. Still we can advise you to perform several operations.

First, it is possible to prepare the image especially for your Palm-organizer. There is no sense to use as a background a 1024x768 pixels image if resolution of your device screen is only 320x320 pixels. Besides this, such an image will load very slowly, and the results will not gladden you: after scaling, you will see white strips above and below the background. Therefore, our first advice is: use your favorite graphics editor to adjust the size of the image to that of your device (slight

differences are possible) Resolution of your device screen must be mentioned in device documentation.

Another thing you should do is to pay attention to the image content. Most of the details of a too big and detailed image will disappear after scaling. Not all images that appear well on the Desktop PC will appear well on your handheld device. Therefore the second advice is: use a graphics editor that will delete the image details will not visible on the screen.

Third, remember that your Palm-organizer screen is able to display at best up to 65535 colors. Digital images can contain up to 24 million of colors and hues. Therefore the third advice: Do not use as a background the images, containing much more colors than your Palm device screen can display. You can use as a background photos made with a digital camera. Though the size of these photos is usually big, it is not a problem for PalmaryClock, you do not have even to do something with the image beforehand.



If you use the Palm Zire 71 device with built-in camera, photos become automatically available for PalmaryClock. They will show up in the Background list of the Preference Form. If you use digital camera, you should copy photos onto the memory card or into the internal memory of the Palm-organizer in jpeg format. If your camera and your Palm-organizer are equipped with devices for reading from memory card, for example SD/MMC card, try the following: take photo, place it onto the memory card (see instruction for camera) and insert the memory card into your Palm-organizer. Your photos should become available in the Background list of the Preferences Form. If it does not happen, you will have to try another way: use your desktop computer for transferring the photos. To do this, copy the photos from your camera onto the desktop PC (see instructions for camera).Then use the Palm Desktop software to place photos in Photos database format onto the memory card or into the internal memory of your Palm organizer. The last thing you should remember: jpeg image that is used, as a background must be always available for the program. In case you delete the file containing image from the memory card or take out the memory card from the device, background will be deleted immediately, and your skin will be displayed on white background.

PalmaryClock getting started

To make PalmaryClock more convenient in use we provided quick start of the program. So, clock appear on the screen not later than in a second after you've started PalmaryClock in order to find out what time is it. Moreover, you will have to wait a second only in case you have an old device. You will not even notice the delay on a modern Palm-organizer (for example, of Tungsten family).

However, it is necessary to explain here the following. When you select a new skin or background, the clock design is formed anew and saved into a special memory area called PalmaryClock Cache. When started, PalmaryClock quickly renews the screen from PalmaryClock Cache and draws anew clock hands (or figures). The procedure of skin or background change can take a long time. It depends, for example, on the jpeg image that you have chosen for background. However, PalmaryClock Cache makes the start procedure very quick. Payment for the start speed is memory of you device, as PalmaryClock Cache constantly occupies part of memory between the starts of PalmaryClock. If you consider memory not an adequate price for speed, just disable the PalmaryClock Cache in the Preferences Form. It is also expedient to disable this function on new devices, as PalmaryClock on them loads quickly event without PalmaryClock Cache.

System management

PalmaryClock does not change any of the system settings by itself! Actually, PalmaryClock allows only changing current system time, using a standard PalmOS Preferences Date and Time dialog for this purpose (see Preference Form description). We made this especially not to prevent the work of other applications on your Palm organizer. You can use other programs to control date and time simultaneously with PalmaryClock. However, PalmaryClock interacts closely with the operation system to realize such functions as setting the alarm and "In cradle" modes and support of Portrait/Landscape modes. PalmaryClock allows setting almost unlimited number of alarms (65535). Alarm setting consists of setting the date and time of an alarm. After that, the control over the alarm is transferred to OS. If the basic alarm program is deleted, all the alarm settings will be also deleted automatically.

"In cradle" mode will be useful if you want to use your Palm organizer as stylish multifunctional table clock. If you enable the "Start in cradle" function in the Preferences Form, PalmaryClock will be automatically started every time when inserted into the cradle. If the cradle is connected with the charger and battery charging begins, PalmaryClock will not let your Palm organizer switch off automatically as in default case. It should not worry you, as there is no need to minimize energy consumption during battery charging, while you get stylish table clock. Constant functioning of PalmaryClock in the "In cradle" mode does not prevent the other system functions, such as synchronizing with desktop PC. After removing device from the cradle PalmaryClock switches off automatically and control function is transmitted to the application that was active before the device was put into the cradle.

If you Palm organizer can work both in Portrait and in Landscape mode, PalmaryClock will automatically adjust to the mode that you use. PalmaryClock is able to recognize Portrait/Landscape modes change and adjust to the selected mode while running. Moreover, do not forget about the Background Best Fit in Preferences Form. If this function is on, PalmaryClock will try to form the background that fits best the mode you use (Portrait or Background) and will turn the background if necessary.

World Time

If you have never used the World Time, please look through the information below.

Home city is the city in which you live or spend most part of time.

Time zone– geographical region with the same current time in all its parts. Time zones are «stripes» each 15° longitude wide. There is 1-hour difference between the current times of two neighboring zones. The idea of dividing the entire Earth surface into the time zones with Greenwich meridian as the zero line belonged to Canadian engineer S. Fleming. Current time inside the time zone is the same in all its parts and on the time zone boundaries the clocks must be set 1-hour forward or back. In 1883, the Fleming's system was introduced in the USA, and in 1884 during the international conference in Washington, the agreement on time zones was signed by 26 countries signed.

GMT time offset is the difference between the Greenwich Mean Time (GMT) and time of the zone you live in.

Daylight Saving Time (DST) is also called "summer time". It means setting clocks forward or back in a global manner, in order to expand artificially the daylight hours. People try to get up with sunrise to use the maximum of daylight time. This is the reason the idea of winter and summer time appeared. Clocks are set one hour forward in either late March or early April and set one hour back in either late September or early October.

All this information is considered by World Time of PalmaryClock program.

World Time makes it possible to see on the main screen simultaneously the current time in four cities situated in different time zones. Besides showing the current time for different cities, World Time gives you information about sunrise and sunset time for home city and current date. You can also get the sunrise and sunset time information for any city (or even any place) and any date. When the program is started for the first time, you are offered to choose your home city from the cities database. If your city is absent in the list, you can easily add it.

Internet Time

Internet Time is a "new" way to tell time, invented and marketed by the Swiss watch company Swatch. The current Internet Time is the same all over the World (no time zones or daylight saving time adjustments).

Instead of dividing the virtual and real day into 24 hours and 60 minutes per hour, the Internet Time system divides the day into 1000 ".beats". Each .beat is 1 minute and 26.4 seconds.

Internet Time is based on a new Meridian (as opposed to the Greenwich Meridian). This new Meridian goes through Swatch's office in Biel, Switzerland and is called the BMT (Biel

Mean Time) Meridian, which is linked up to the Central European Winter/Standard time - which is UTC + 1 hour. When it is Midnight in BMT, the Internet Time is @000 beats, Noon is @500 beats.

Time unit conversions

Beat Unit	Conversion	Unit	Beat Conversion
1 .beat	= 0.001 day	1 day	= 1000 .beats
1 .beat	= 0.024 hours	1 hour	= 41.666 .beats
1 .beat	= 1.44 minutes	1 minute	= 0.6944 .beats
1 .beat	= 86.4 seconds	1 second	= 0.01157 .beats

Advantages of the Internet Time system

- It uses the normal decimal system, instead of the ancient 24 hour, 60 minute, 60 second system, which makes time telling more complicated.
- .beat time calculations are easy, @345 + 456 .beats = @801, compared to e.g. 3:45:20 + 2 hours, 25 minutes, 45 seconds, where the seconds, minutes and hours must all be added.
- No need for time zone conversions - the Internet Time is the same everywhere.

Disadvantages of the Internet Time system

- The use of the Biel Meridian introduces an unwanted additional Meridian - the Greenwich Meridian is the standard Meridian of the world.
- The second, and not the beat is the basic unit of time in the International System of Units (and using .beats instead, would complicate the system).
- The Internet Time system might seem like more of commercial marketing attempt, than a real system.

Summary

As the current hour/minute/second system is already widely adopted, it is very unlikely that the Internet Time system will be able to replace it, even on the Internet. There is already a common time system without time zones and daylight saving time in wide use today - UTC, which should be used instead.

Free use and Registration

Full functional trial version of PalmaryClock is available for free use during 7 days from the moment of installation. This time seems to us enough to estimate all the advantages of the program and, perhaps, to find its deficiencies. In 7 days, you will have to choose: buy the program or refuse from using it. Each time started, PalmaryClock, remaining functional, will remember you about registration necessity.

We hope you will use our program. We developed it especially for you.

We appreciate any comments regarding our products and service, your wishes and recommendations are very important for us.

You may purchase our software here www.palmarysoft.com only using an online method (by credit card).

Registration for our software means purchasing a registration code that will remove all limitations of trial version. Registration code will be immediately sent to you after purchasing. Enter it exactly as it appears, and the trial software will be converted into a registered version.

Skin management

Download skin

You can download simple skin or skin's pack from our site www.palmarysoft.com.

Create new skin

You can create skin for PalmaryClock by yourself with help of special program SkinMaker. Visit our site for more info.

System requirements

PalmOS version	4.0 and later
Colors	16bit color 8bit color 4bit gray 2bit gray 1bit gray
Display	160x160 LoRes 320x320 HiRes 320x480 HiRes+
Landscape mode	Support
Processor type	Motorola 68K or ARM compatible
Memory	Need 700Kb free memory
Supported devices	Any Palm OS 4.0 or later compatible devices

Revision History

Version 1.0.1

- Improved Alarms support.
- Minor bug fixes.

Version 1.0.2

- Random slideshow for skins and backgrounds is added.
- Misc bug fixes and some improvements.

Version 2.0.0

- Three new modes are added: Timers, Stopwatch, and World map.
- Preferences form is improved.
- Alarms mode is improved.
- World Time mode is improved.
- Reminder Screen is improved.

Version 2.1

- Time Utilities mode is added (Sunrise, Internet time and Time calculator).
- Volume, Led and Vibrate settings are added for Alarm and Timers modes.
- The choice of the view to start PalmaryClock with is added to the General preferences.
- Minor bug fixes.

Version 2.2

- Moon Phases mode is added.
- Stopwatch mode is improved.
- Minor bug fixes.

Version 2.2.1

- Moon Phases bug fixes.
- Treo 600 5-way navigator bug fixes.
- DST bug fixes.

Version 2.3

- Full one-handed navigation for Treo 600.
- Improved sound setup for Alarms and Timers modes.

- MP3/WAV/OGG/WMA alarmtones support (requires PocketTunes).
- Minor bug fixes

Version 3.0

- New multilingual digital, analog and analog-digital skins with animation.
- New fast JPEG/GIF/BMP decoder for backgrounds.
- New easily adjustable and intuitive alarms and timers control from the main clock screen.
- New customization options for the clock skins are added.
- Active alarm indicator for the clock view is added.
- Active events bar for the clock view is added.
- Active attention indicator for the Clock mode and calendar mode is added.
- Hardware buttons support for the Timers mode is added.
- Full one-handed navigation for Treo 650 and Tungsten T5 is added.
- AeroPlayer support for MP3 alarm tones is added.
- Alarms form is improved, sorting option is added.
- Improved Treo keyboard support for the Timers form is added.
- Spanish version is added.

Version 3.0.1

- Ascending volume for alarm tones.
- Easy Clock settings access.
- Toggle skin alarm indicator.
- Switchable events bar.
- New customization options for the clock skins.

Version 3.0.2

- Quick Event Sound Presets access for the easy new alarm and timer sound setup.
- Toggle current time indicator for the Timers and Alarms forms is added.
- Digits font customization option for the Timers and Stopwatch forms is added.
- Minor bug fixes.

Version 3.0.3

- Internal Mp3 player support for LifeDrive, Tungsten T5,E2, Treo 650 and Zire 72 is added.

- New easily adjustable skin position.
- Minor bug fixes.

Version 3.0.4

- Improved Sound Support.
- Full-featured Audio File Browser is added.
- Minor bug fixes.

Version 3.1

- Quick on-screen Menu for one-tap access to the most important functions is added.
- Chime Setup is added.
- Minor bug fixes.

Version 3.2

- New skins with calendar
- Start PalmaryClock when device is power off
- Start an application or timer on alarm
- Edit Cities form is improved
- Minor bug fixes

Version 3.2.1

- Cycle program views by hardware buttons (next-previous)
- Built-in volume support for all NFS devices (Tungsten T5, Treo 650, LifeDrive, etc.)
- Minor bug fixes

Troubleshooting

Q: How does the trial version PalmaryClock differ from the regular version?
Q: How do I enter my registration code?
Q: PalmaryClock is displaying the wrong date/time. How do I correct this?
Q: Does PalmaryClock support VFS external memory cards?
Q: How can I get more images to display in PalmaryClock?
Q: The image installed to the memory card will not show up in the Background List.
Q: I cannot install the background from the memory card, handheld screen remains blank.
Q: Skin and background download from the memory card takes too much time.

Q: How does the trial version PalmaryClock differ from the regular version?
A: The trial version and regular version are identical. The software will run for 7 days in trial mode. Once the 7-day trial time expires, you must purchase a registration code to continue using the product.

Q: How do I enter my registration code?
A: In order to enter the registration code you should run the program, press the menu icon. Then select the "Options" menu and click on Register you will be able to enter your registration code.

Q: PalmaryClock is displaying the wrong date/time. How do I correct this?
A: PalmaryClock displays the date/time set in the Palm Preferences. To adjust this, go to the PalmaryClock Preferences and click the Set Time button. This will call the Palm OS Date & Time Preferences where you can set the correct date/time. If it is a one hour mistake check DST setting of the OS Date & Time Preferences.

Q: Does PalmaryClock support VFS external memory cards?
A: PalmaryClock supports storing images on external memory. However, the application must be stored on internal memory in order for the Start in cradle and Alarm feature to work.

Q: How can I get more images to display in PalmaryClock?
A: PalmaryClock comes with one sample image, but you may add other images to PalmaryClock. PalmaryClock will read any .jpg file that is in one of these locations on the Card: \DCIM \Palm\Images.

Q: The image installed to the memory card will not show up in the Background List
Q: I cannot install the background from the memory card, handheld screen remains blank
A: PalmaryClock might not support the image format. Therefore, you need to convert the image into sequential JPEG (progressive JPEG is not supported). To do this, use any image-editing program of your desktop such as Adobe PhotoShop. Very soon, the list of the formats supported by PalmaryClock will be extended.

Q: Skin and background load from the memory card takes too much time
A: The size of the image you have chosen for background is probably too big. To optimize the load quality and speed, adjust the image resolution to that of your device screen. To do this, use any image editing programs of your desktop such as Adobe PhotoShop. However, speed of skin and background load does not influence the time for performing other, more important, operations such as application start. So if you are not going to change skins and backgrounds very often, just wait.

Contacts

If you would like to contact us, please send your message to one of the addresses below. We are ready to answer all your questions and provide the best service possible.

If your question is about our software use, visit the Support page first. In case you will not find the answer, send your question to: support@palmarysoft.com

Other questions e-mail to: contact@palmarysoft.com



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