PalmarySoft
Qualifications Save Explanations

PalmaryClockScreensaver

Original screensaver with skins support
Version 2.0.1

User's Manual

December 2004

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Thank you for downloading this program!
You can freely use PalmaryClock Screensaverduring 1 day.
Please, visit our site www.palmarysoft.com for more info.

Description

PalmaryClock Screensaver 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 Screensaver 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 Screensaver 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 Screensaver has the functionality of the best computer clocks. You can control all time and date parameters. The time is displayed precisely to one second.

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.

Now we are willing to offer you easy Clock settings access and new customization options for the clock skins.

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

Downloading

PalmaryClock Screensaver 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 Screensaver in your Palm-organizer you must install ClockScreensaver.prc and SSManager.prc for advanced screensaver settings files into it. To install a file, simply double click on it. Box named Install Tool will appear. 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 additional skins (xxx.prc) and backgrounds (xxx.pdb) using the same steps as above.

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

For more info about SSManager please visit www.handyent.com

Full-featured multilingual PalmaryClock with skin and background support, unlimited numbers of alarms and timers, stopwatch, moon phases, world time and time utilities (sunrise, internet time and time calculator) is available at www.palmarysoft.com

Purchase and Registration

You can freely use the full functional trial version of PalmaryClock Screensaver during 1 day. Then you will have to choose: to purchase the program or to remove it from your Palm-organizer. If you decide to buy PalmaryClock Screensaver, visit www.palmarysoft.com. Here you can register and purchase the program.

Removal

Removing PalmaryClock Screensaver 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 Screensaver in the list of programs installed into your Palm-organizer and tap the Delete button

PalmaryClock Screensaver Quick Reference

PalmaryClock Screensaver Menu

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

Menu field
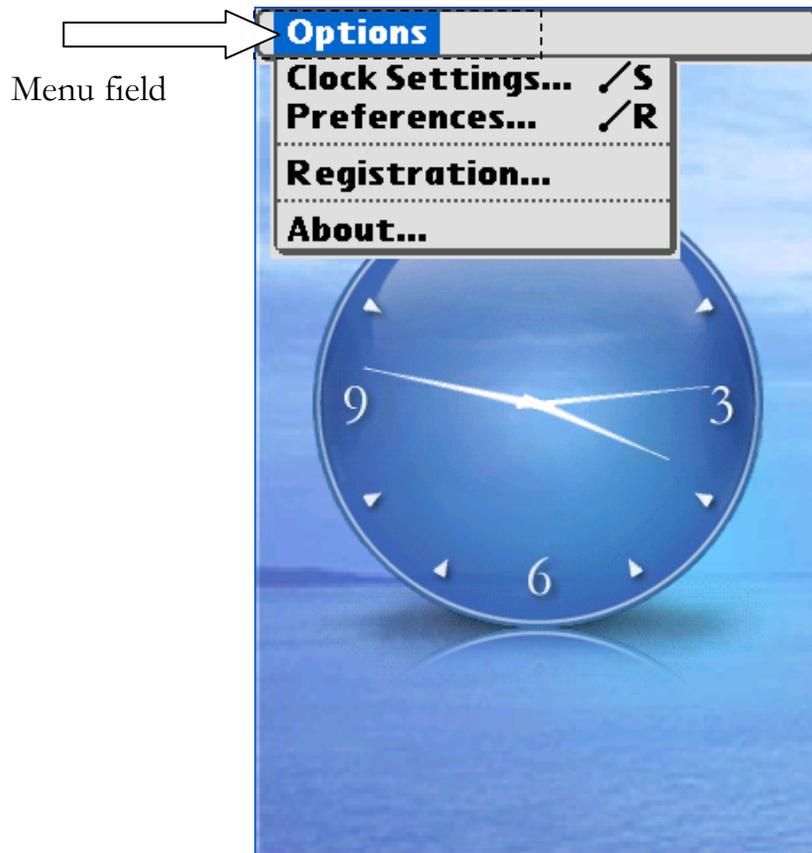
Options

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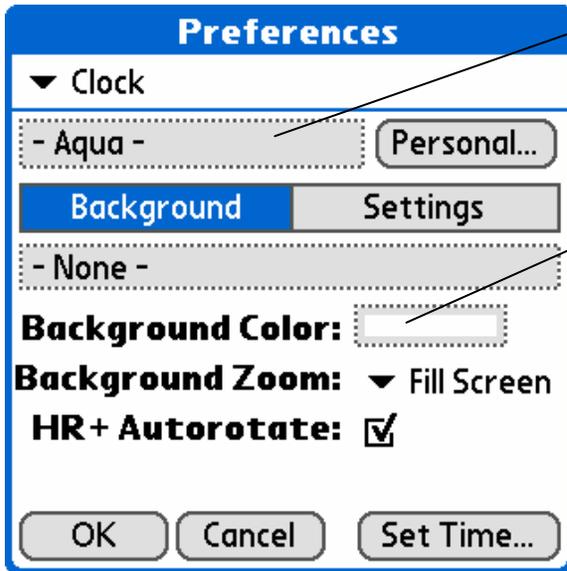
Here you will see the name of the current skin. You can change skin or enable the Slide Show skin mode. To change current skin, tap its name and select another skin from the selection window.

Background 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.

Tap **Personal…** to change the personal skin settings.

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.

Background Zoom – zoom settings for background picture:

Fill screen – stretch picture to full screen.

Fit screen – stretch picture to fit screen.

Background – here you will see the name of the current background. Besides this, here you can also change the current background or enable the Slide Show mode for background. To change current background, tap its name and select another from the list.

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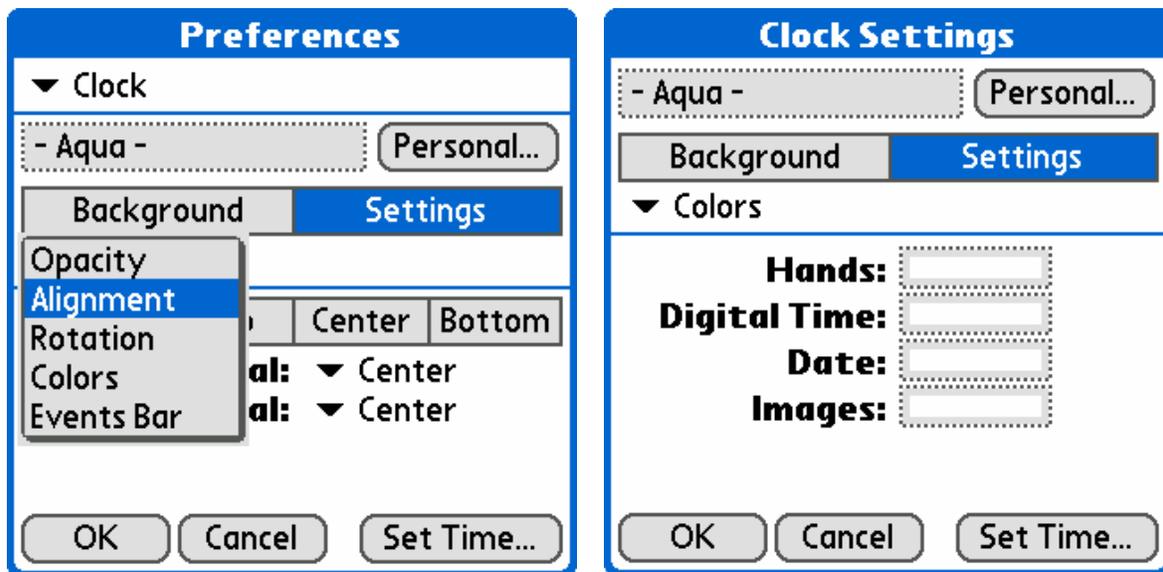
Tap **Settings** to change clock settings.

The sign ✱ marks that the personal skin or background settings are applied. All changes in this form will have no effect!

Alignment defines skin location on the screen:

Top – flush top.
Center – flush center.
Bottom – flush bottom.
Custom –alignment is defined by user:

There are variants of horizontal and vertical skin alignment:

Predefined –alignment is defined by skin itself.
Center – flush center.
Left – flush left.
Right – flush right.
Vertical:
Predefined –alignment is defined by skin itself.
Top – flush top.
Center – flush center.
Bottom – flush bottom.

Opacity – sets the transparency of skin elements:

Dial – defines the visibility of a digital or an analog clock.
Hands – defines the visibility of the hands of an analog clock.

Digital Time – defines the visibility of the time digits of an digital clock.
Date – defines the visibility of date digits or letters of a digital clock.

Rotation sets the angle of clock rotation. You can either enter the value of turn angle into the enter field or use Up/Down buttons.

Colors – sets the color of skin elements:

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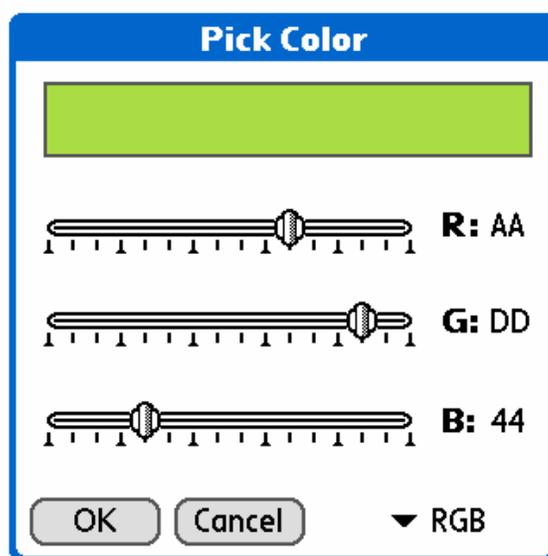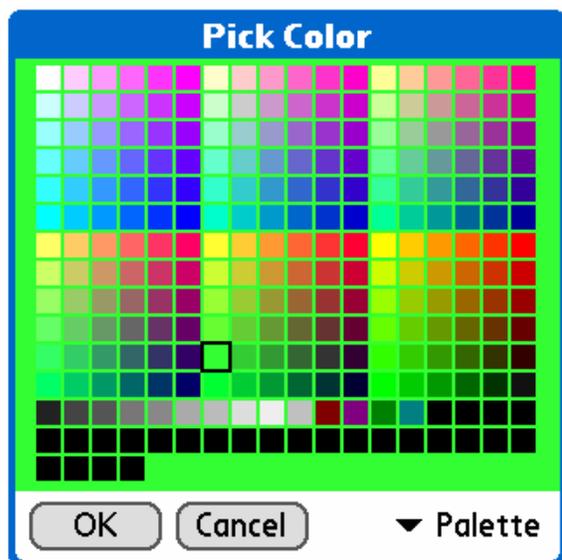
You can choose a palette color or create your own tone with the help of RGB (Red, Green, and Blue) form.

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

All settings changes will have no effect if <u>Use Personal Skin Settings</u> function is activated!

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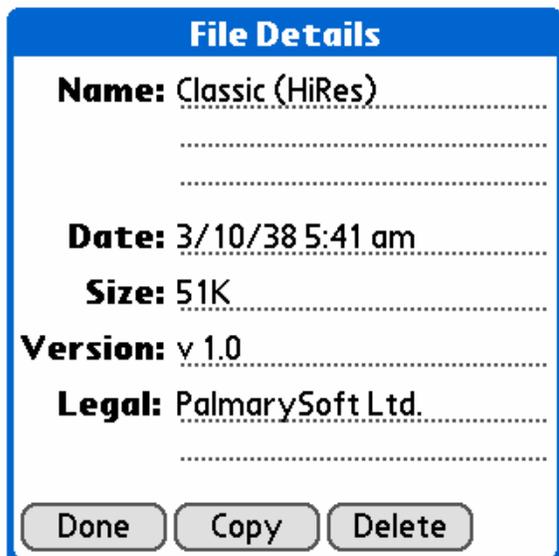
Note: this function is unavailable for the Built-in skins, backgrounds and maps.
Done –exits the form.

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

You can link your favorite skin with your favorite background. Just tick Use Personal Background. (**All attempts to change the background in the previous form will have no effect**).
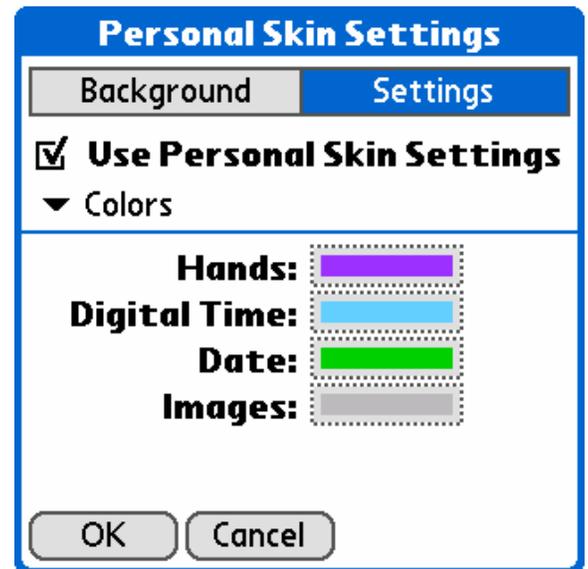
To change personal clock settings tap Settings.

To apply personal skin settings simply tick Use Personal Skin Settings.

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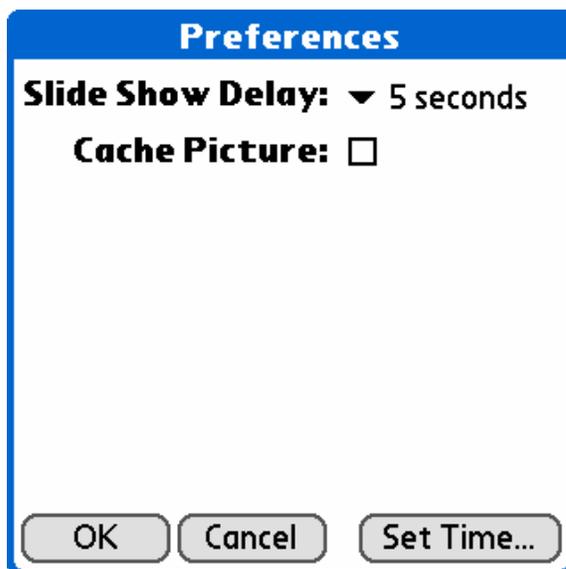
Cache picture – enable the mode of image caching. If the mode is enabled, program loads with considerably higher speed.

Slide show delay – delay setting for Slide Show mode of skins and backgrounds.

To enable the Slide Show mode you should use Select skin or Select background forms.

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

Registration Form

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

Remember that you can freely use the PalmaryClock Screensaver program only during 1 day from the moment of installation.

PalmaryClock Screensaver Basics

Skins

PalmaryClock Screensaver skin is an external program that contains all the data for displaying clock on your Palm-organizer screen. Skin program interacts with PalmaryClock Screensaver. 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 Screensaver.

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 Screensaver 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 Screensaver in this case functions as usual, as it contains built-in default skin and background.

What is a PalmaryClock Screensaver 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 Screensaver. We have developed the procedures that still have no analogs on the Palm platform. Does PalmaryClock Screensaver 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.
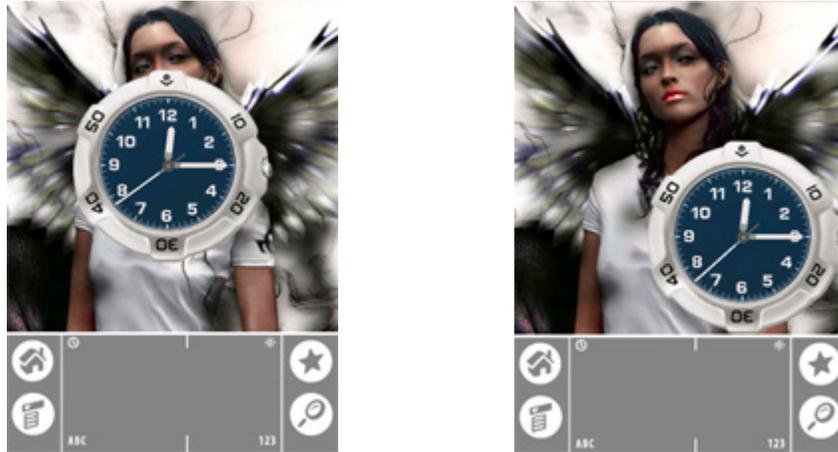
The Skin opacity effect is used if it is necessary to change clock transparency. If the opacity is selected as «none», clocks become invisible on the screen.

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 Screensaver 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 Screensaver 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 Screensaver. You can disable background at all or use the built-in default background of PalmaryClock Screensaver. 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 Screensaver 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.
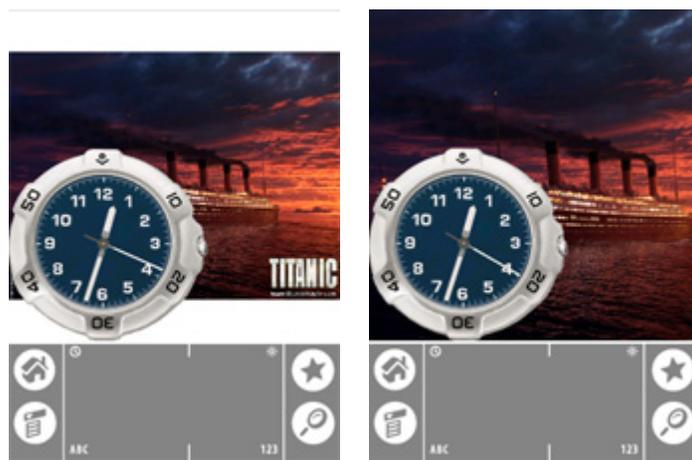
Another thing you should do is to pay attention to the image content. Most of the details of a too big and detailed image will disappear after scaling. Not all images that appear well on the Desktop PC will appear well on your handheld device. Therefore the second advice is: use a graphics editor that 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 mln 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 Screensaver, 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 Screensaver. 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 Screensaver getting started

To make PalmaryClock Screensaver 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 Screensaver 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

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background, the clock design is formed anew and saved into a special memory area called PalmaryClock Screensaver Cache. When started, PalmaryClock Screensaver quickly renews the screen from PalmaryClock Screensaver 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 Screensaver Cache makes the start procedure very quick. Payment for the start speed is memory of you device, as PalmaryClock Screensaver Cache constantly occupies part of memory between the starts of PalmaryClock Screensaver. If you consider memory not an adequate price for speed, just disable the PalmaryClock Screensaver Cache in the Preferences Form. It is also expedient to disable this function on new devices, as PalmaryClock Screensaver on them loads quickly event without PalmaryClock Screensaver Cache.

System management

PalmaryClock Screensaver does not change any of the system settings by itself! Actually, PalmaryClock Screensaver 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 Screensaver. However, PalmaryClock Screensaver 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 Screensaver 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 Screensaver will be automatically started every time when inserted into the cradle. If the cradle is connected with the charger and battery charging begins, PalmaryClock Screensaver 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 Screensaver 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 Screensaver 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 Screensaver will automatically adjust to the mode that you use. PalmaryClock Screensaver 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 Screensaver will try to form the background that fits best the mode you use (Portrait or Background) and will turn the background if necessary.

Free use and Registration

Full functional trial version of PalmaryClock Screensaver is available for free use during 1 day 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 1 day, you will have to choose: buy the program or refuse from using it. Each time started, PalmaryClock Screensaver, 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 Screensaver by yourself with help of special program SkinMaker. Visit [our site](http://www.palmarysoft.com) 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 300Kb free memory
Supported devices	Any Palm OS 4.0 or later compatible devices

Revision History

Version 1.0

- Initial creation.

Version 2.0

- New digital, analog and analog-digital skins with animation.
- New fast JPEG/GIF/BMP decoder for backgrounds.
- New customization options for the clock skins are added.

Version 2.0.1

- Easy Clock settings access.
- New customization options for the clock skins.

Troubleshooting

Q: How does the trial version PalmaryClock Screensaver differ from the regular version?
A: The trial version and regular version are identical. The software will run for 1 day in trial mode without requiring a registration code. Once the 1-day trial 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 Screensaver is displaying the wrong date/time. How do I correct this?
A: PalmaryClock Screensaver displays the date/time set in the Palm Preferences. To adjust this, go to the PalmaryClock Screensaver 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 Screensaver support VFS external memory cards?
A: PalmaryClock Screensaver supports storing images on external memory.

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

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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 Screensaver 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 Screensaver 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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