

KASPERSKY LAB

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Kaspersky™ Anti-Virus  
for Palm OS

USER GUIDE

KASPERSKY ANTI-VIRUS  
FOR PALM OS

# User Guide

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# 1. Kaspersky Anti-Virus for your Palm

## Chapter

# 1

## 1.1. Main Features

*What is Kaspersky Anti-Virus for Palm OS?*

Kaspersky Anti-Virus for Palm OS monitors all the data streams that might be used by a virus to penetrate your Palm device. The program utilizes comprehensive approach to your Palm's anti-virus protection, that includes:

- an anti-virus scanner on-demand checking for viruses in the data storage locations;
- an anti-virus monitor intercepting viruses in the data that is transferred using the HotSync utility;
- an anti-virus monitor intercepting viruses in the data that is beamed from another Palm device.

The program utilizes a multilevel menu system and flexible configuration; generates an operation log describing all the actions taken; supports a colour user-interface. Kaspersky Anti-Virus contains also a built-in encyclopaedia that describes all the known malware for Palm OS.

If the program detects a virus attack, it can pass the infected file into your Palm, disinfect or delete it – the choice depends on the user pre-defined settings. Besides, you can read details about the virus detected.

According with the internal architecture the program is divided into the two main parts: an anti-virus kernel and an anti-virus (or virus-definition) database. It makes the program more efficient, flexible and user-friendly, because now you do not have to load the entire program so that to acquire protection from a new virus, it is enough to update (load) the anti-virus database.

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## **1.2. Information in the Book**

*Issues that we discuss in this documentation.*

This book contains information on how to install, configure and manage the software product, explains its basic concepts and the way these could be applied, recommends how to manage the product and change its settings.

In this documentation, we do not describe basic concepts of the Palm device operation.



This book is divided into the following chapters:

Kaspersky Anti-Virus for Palm OS	What is Kaspersky Anti-Virus for Palm OS? Information and conventions in this book.
Installing the Anti-Virus	System requirements and step-by-step installation.
Kaspersky Anti-Virus Interface	How to display the program main window? Discussing elements of the interface.
Managing the Anti-Virus	Configuring the program, searching for and deleting viruses. Working with the operation log. Updating the anti-virus database.
Appendix. Kaspersky Lab Ltd.	About Kaspersky Lab. Contact information.

## **1.3. Conventions**

*Conventions that are used in this book*

In this book, we use various conventions to emphasize different meaningful parts of the documentation.

Convention	Meaning
<b>Bold font</b>	Menu titles, commands, window titles, dialog elements etc.
 <b>Note.</b>	Important information.
 <b>To do this, ...</b> <ol style="list-style-type: none"> <li>1. Step 1.</li> <li>2. ...</li> </ol>	Actions that must be taken.
<ul style="list-style-type: none"> <li>• Item 1.</li> <li>• Item 2.</li> </ul>	Lists.



# 2.Installing the Anti-Virus

## Chapter

# 2

*The software and the hardware you need in order to run the program. How to install the program on a Palm device?*

## 2.1. Software and Hardware Requirements

Kaspersky Anti-Virus for Palm OS is compatible with the OS versions 2.\*, 3.\* and 4.\* (are used on computers: Palm Pilot, Handspring Visor, Sony CLIE, TRG Pro, Symbol; and smart-phones: Kyocera, Samsung) and requires merely 35Kb of the system memory.

## 2.2. Step-by-step Installation

To install the program on your Palm device you need a desktop computer with the pre-installed Palm Desktop software and a Palm cradle, besides, you need the KAV for Palm OS installation file (KAVP.ZIP).

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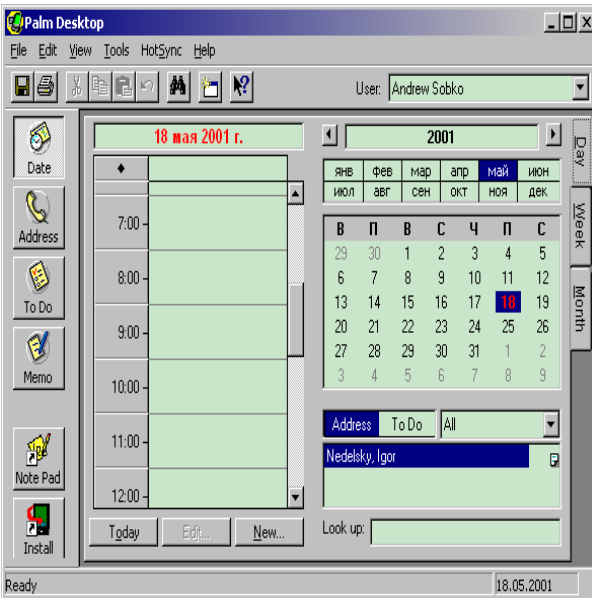
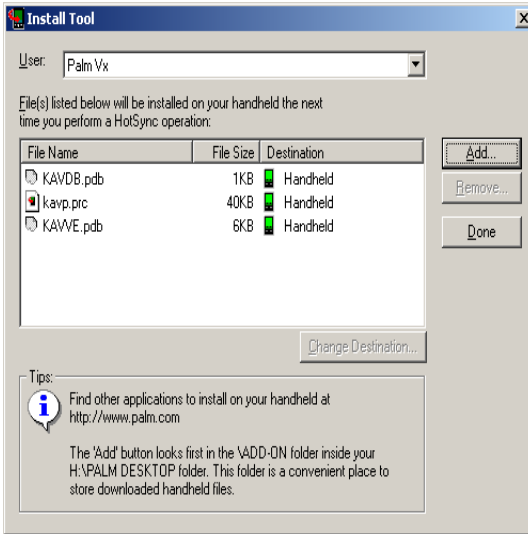


Figure 1. The Palm Desktop main window

1. Extract the archive. The following four files will be extracted:  
 KAVP.PRC – an executable module,  
 KAVDB.PDB – a anti-virus (or virus-definition) database,  
 KAVVE.PDB – a virus encyclopaedia,  
 and a key-file.
2. Start the Palm Desktop program and press the **In-stall** button in the program main window (see figure 1).



3. Press the **Add** button in the **Install Tool** dialog box that appeared on your screen (see figure 2).
4. A standard file-search dialog will appear on your desktop screen. Select the directory with the files extracted from KAVP.ZIP and press **OK**.
5. Press the **Done** button in the **Install Tool** dialog box.

Figure 2. The **Install Tool** dialog box

6. Connect the Palm cradle to your desktop computer, place your Palm device into the cradle and tap on the **HotSync** button. The HotSync dialog will appear on your Palm's screen (see figure 3).
7. Tap on the button in the centre of the screen. Your Palm will begin connecting to the Palm Desktop (see figure 4).



Figure 3. Starting to synchronise



Figure 4. Connecting to the desktop

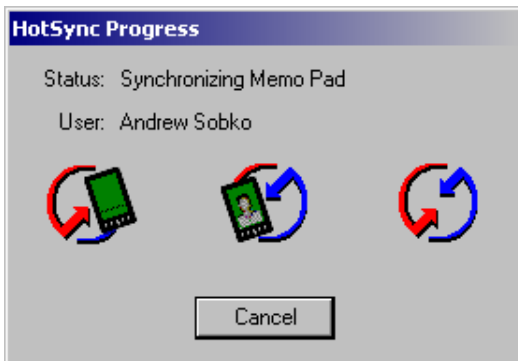


Figure 5. Transferring data from the desktop to your Palm device

8. After connected the data will be transferred from the desktop to your Palm device (see figure 5).
9. After the data-transfer is completed tap on the **Done** button on your Palm's screen.


Now the installation is completed and you may remove your Palm device from the cradle.

## 3. Kaspersky Anti-Virus Interface

### Chapter

# 3

### 3.1. How to Display the Main Window

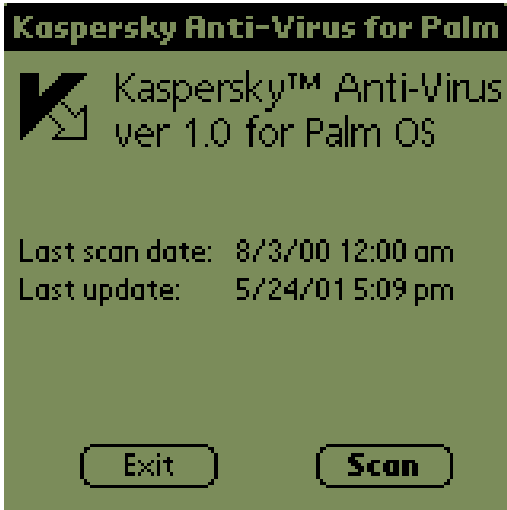
To display the main window of your Kaspersky Anti-Virus for Palm OS, tap on the Anti-Virus icon  on your Palm's screen.

The main window will appear on the screen (see figure 6).

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## 3.2. User Interface

### 3.2.1. Main window




The program main window contains:

- the Kaspersky Anti-Virus version number;
- the date and the time when you last scanned for viruses on your Palm;
- the date and the time when you last updated the anti-virus database on your Palm;
- the **Exit** button to exit the program;
- the **Scan** button to start scanning for viruses.

Figure 6. The main window of Kaspersky Anti-Virus for Palm OS

### 3.2.2. Menu

The program interface is powered by a menubar (see figure 7). You can dis-

play it by tapping on the button  at the bottom of your Palm's screen (standard method when working with Palm devices) or by tapping on the program title.

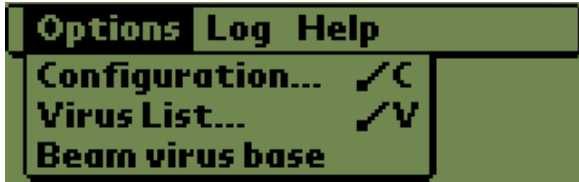





Figure 7. The Kaspersky Anti-Virus menubar


Menu item	Hot letter	What does it do...
Options → Configuration	C	Displays the program configuration window (see subchapter 4.1).
Options → Virus List	V	Displays the list of known viruses (see subchapter 4.4).
Options → Beam virus base	—	Allows to beam the virus-definition database via the IR port to another Palm device (for Palm OS 3.x and 4.x only) (see subchapter 4.5.1).
Log → View log file	L	Displays the operation log file (see subchapter 4.3.1).
Log → Clear log file		Clears the log file (erases all the log entries).
Log → Beam log file	B	Allows to beam the virus-definition database via the IR port to another Palm device (for Palm OS 3.x and 4.x only) (see subchapter 4.3.3).
Help → About	H	Displays information about the program.

### 3.2.3.    Dialogs and controls

While managing and configuring the program you use various windows and boxes (e.g. see figure 8) that contain the following three types of controls:

 **Display disinfect dialog** — a drop-down list. *To select the required value from the list, tap on  with your stylo, and then tap on the required item in the list.*

 **Save log file** — a check box. *To check/uncheck the box, tap on it with your stylo.*

 — a button. *To press the button, tap on it with your stylo.*



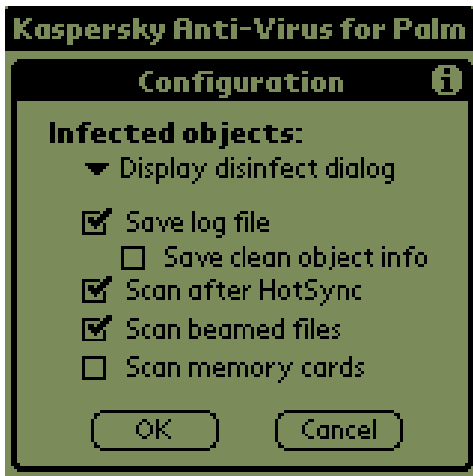
# 4.Managing the Anti-Virus

## Chapter

# 4

*Configuring the program. Searching for and deleting viruses. Updating the virus-definition database. Viewing the list of currently known viruses.*

## 4.1.Configuring the Program



To configure your Kaspersky Anti-Virus you must select the **Configuration** command from the **Options** menu and then define the required settings in the **Configuration** window (see figure 8).

Figure 8. The **Configuration** window

The **Configuration** window contains the following items:

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▼ **Infected objects.** This drop-down list allows you to define how your anti-virus program must handle infected files (see figure 9):

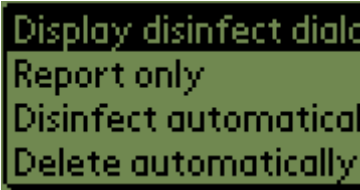


Figure 9. Values in the **In-  
fected Objects** drop-down list.

- **Display disinfect dialog** – displays a dialog box allowing you to choose what you want to do with the infected object;
- **Report only** – logs the infected objects, and the virus it is infected with;
- **Disinfect automatically** – disinfects the object automatically, without asking first. If the object cannot be disinfecting it is automatically deleted;
- **Delete automatically** – deletes the infected object without asking first.



**Save log file** – check this box to save the performance results to a log file.



**Save clean object info** – check this box to include information about the virus-free files in the log file. This check box is available only if you checked the above **Save log file** box.



**Scan after Sync** – check this box to scan for viruses in all the files after a Hot-Sync operation is performed.



**Scan beamed files** – check this box to scan for viruses in files right after these are beamed into your Palm device (via the IR port).



**Scan memory cards** – check this box to scan for viruses on memory cards (Memory Stick for Sony Clie, Secure Cards, etc).

## 4.2. Searching for and Deleting Viruses

### 4.2.1. Starting to search for and delete viruses

After installed Kaspersky Anti-Virus, just like any other program on your Palm, permanently resides in the memory of your Palm device, without regard to whether you opened the program main window or not.

The program starts searching for and deleting viruses in one of the following three cases:

- The process is started automatically right after you loaded data into your Palm device using the HotSync utility (see subchapter 4.2.2).
- The process is started automatically right after you beamed data into your Palm device (see subchapter 4.2.2).
- You can start scanning for viruses on-demand (see subchapter 4.2.3)

When Kaspersky Anti-Virus detects a virus, the program handles it as you pre-defined in the **Configuration** window (see subchapter 4.1). If you selected to display disinfect dialog the **Infected Object** dialog box will appear on your screen (see subchapter 4.2.4).

Right after your Kaspersky Anti-Virus completed checking for viruses the performance statistics appears on your screen (see subchapter 4.2.5).

### 4.2.2. Monitoring the data HotSynced or Beamed into...

Kaspersky Anti-Virus can automatically scan for viruses in files that have been beamed into your Palm device or loaded using the HotSync utility. The program will monitor these files if you pre-define the corresponding settings in the **Configuration** window (see subchapter 4.1).

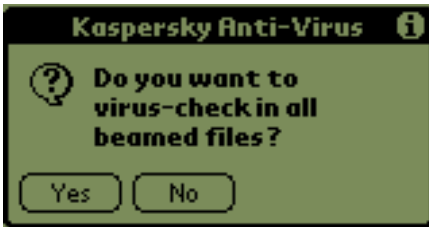




Figure 10. A dialog box asking whether you want to enable the **Scan beamed files** mode

On default, when you install Kaspersky Anti-Virus the **Scan after Sync** mode is enabled. When you start your anti-virus the first time, the program asks whether you want to enable the **Scan beamed files** mode (see figure 10).

The program monitors for viruses in data that is loaded into the Palm using HotSync utility only if the **Scan after Sync** box in the **Configuration** window is checked.

 If during a HotSync operation a new virus-definition database is loaded into your Palm, this database will substitute the old one and other loaded data will be checked for viruses using this new virus-definition database.

 If during a HotSync operation the new executable module KAVP.PRC is loaded into your Palm, the program will not check for viruses in the module and in any other data that have been loaded together with it. If the module is infected, the program will detect the virus when started to scan for viruses the next time. However, it will not be able to disinfect or delete itself. In this case, to delete the module you must use the conventional tools on your Palm.

The program monitors for viruses in data that is beamed into the Palm only if the **Scan beamed files** box in the **Configuration** window is checked. These files are checked right after you loaded them from another Palm device.



Figure 11. The keyfile license expired



Kaspersky Anti-Virus will not monitor for viruses in files if your keyfile license expired. When the license expires the corresponding dialog box appears on your screen (see figure 11).

### 4.2.3. Scanning for viruses on-demand

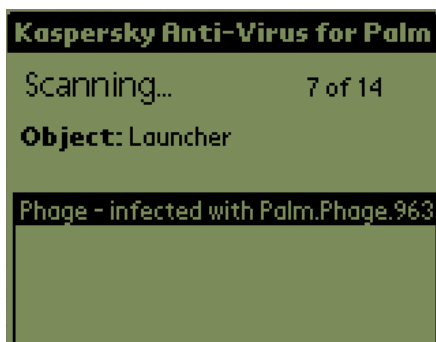


Figure 12. The scanning operation is on

To start scanning for viruses in the data storage locations, tap on the **Scan** button in the program main window.

When started the program scans in all the data located on your Palm device and the screen shows a name of the object that is being checked right at this moment (see figure 12).

You can abort scanning by tapping on the **Cancel** button.

## 4.2.4. Working with a disinfect dialog

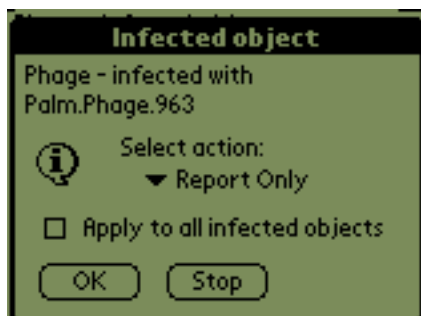



Figure 13. The **Infected object** dialog box

If you pre-set the program to display disinfect dialog and it detected a virus while scanning in data on your Palm, the **Infected object** dialog box appears on your screen (see figure 13). The box shows a name of the infected object, a name of the virus and the list of available choices as to how this object can be handled:

▼ **Select action.** This drop-down list allows you to select how your anti-virus program must handle the infected object:

- **Report only** – logs the infected objects and the virus it is infected with;
- **Delete** – deletes the infected object;
- **Disinfect** – disinfects the object (only for those files that can be disinfectd).

 **Apply to all infected objects** – check this box for your Kaspersky Anti-Virus to handle automatically all the infected objects it detects according to the choices you've just made in the disinfect dialog box.

Tap on the **OK** button to resume scanning, or tap on the **Stop** button to abort the operation.

### 4.2.5. Performance statistics



When the scanning operation is completed the performance statistics is displayed on your Palm's screen (see figure 14). You should know that the term - *object* - is used here to describe a base with the executable code.

**Object scanned** – objects checked for viruses.

**Infected** – infected objects detected.

**Cured** – objects disinfected.

**Deleted** – infected objects deleted.

Figure 14. The Kaspersky Anti-Virus performance statistics

To go back to the main window of Kaspersky Anti-Virus, tap on the **Done** button, or use the **View Log** button to view the log file.

## 4.3. Working with your Log File

### 4.3.1. Displaying the log file



If you pre-set your Kaspersky Anti-Virus to create a log file, you can display this file and study the program operation log. To do this, select the **View log file** command from the **Log** menu. The program operation log will appear on your screen (see figure 15).

The **Clear log** button allows you to erase all entries from your log file, and the **Done** button allows you to go back to the main window.

Figure 15. The program operation log on your screen

### 4.3.2. Clearing the log file

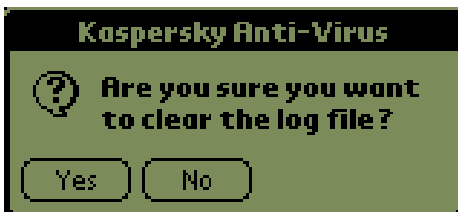


Figure 16. The clear-log confirmation box

You can clear your Kaspersky Anti-Virus log file as described above or by selecting the **Clear log file** command from the **Log** menu. Before actually erasing all the entries from your log file the program displays the corresponding confirmation box (see figure 16).



### 4.3.3.    Beaming a log file



Figure 17. The beam-into confirmation box


You can beam a log file from one Palm device to another (this feature is available in Palm OS 3.x and 4.x only).

To do this, select the **Beam log file** command from the **Log** menu on the source Palm. On the destination Palm's screen you will see the corresponding **Beam** dialog box (see figure 17).

By tapping on the **Yes** button in the dialog box you choose to accept the log file and the file is beamed into the destination Palm.

## 4.4. Displaying the List of Known Viruses

To view the list of currently known computer viruses, select the **Virus List** command from the **Options** menu. The list of viruses that are described in your virus-definition database and therefore could be detected will appear on your screen. Besides you will see the date when your virus-definition database was last updated (see figure 18).

To view details on a virus from the list, highlight it and tap on the **Info** button (see figure 19). To scroll-up and -down the info page use the buttons .

To exit any of these windows tap on the corresponding **Done** button.



Figure 18. The list of known viruses

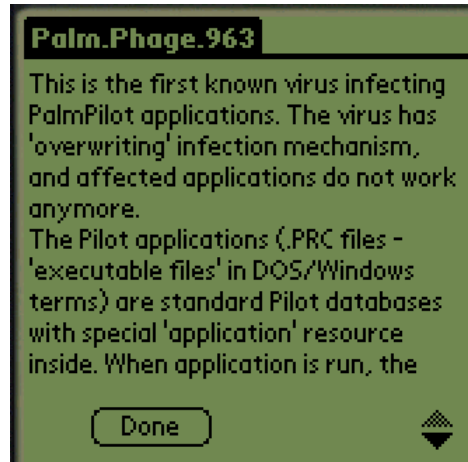


Figure 19. Details on the virus

## 4.5. Updating your Virus-Definition Database

### 4.5.1. ... by beaming an update from another Palm device

You can update your virus-definition database by loading the new database from another Palm device. To beam an anti-virus database from one Palm device to another, select the **Beam virus base** command from the **Options** menu on the source Palm. On the destination Palm's screen you will see the corresponding **Beam** dialog box (see figure 20).

By tapping on the **Yes** button in the dialog box you choose to accept the virus definition database and the file is beamed into the destination Palm.

If the databases you accepted are older then those on the destination Palm device, the program displays the corresponding warning (see figure 21).

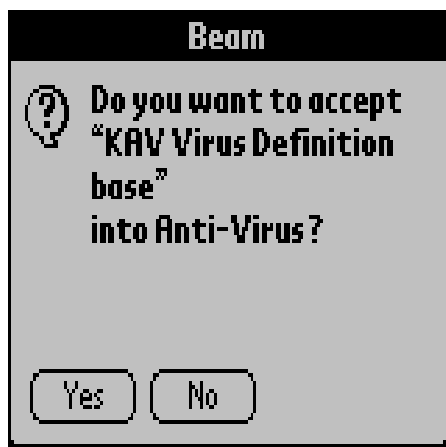


Figure 20. The beam-into confirmation box

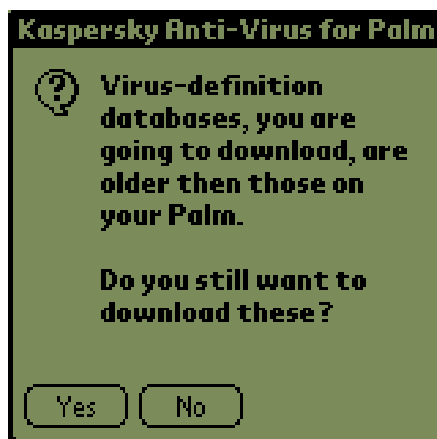


Figure 21. The program warning

## 4.5.2. ... by using the HotSync utility

You can update your virus-definition database by loading the new database from a desktop computer. To do this you need a computer with the pre-installed Palm Desktop software and a Palm cradle:

1. Start the Palm Desktop program on your desktop computer and press the **Install** button in the program main window (see figure 22).

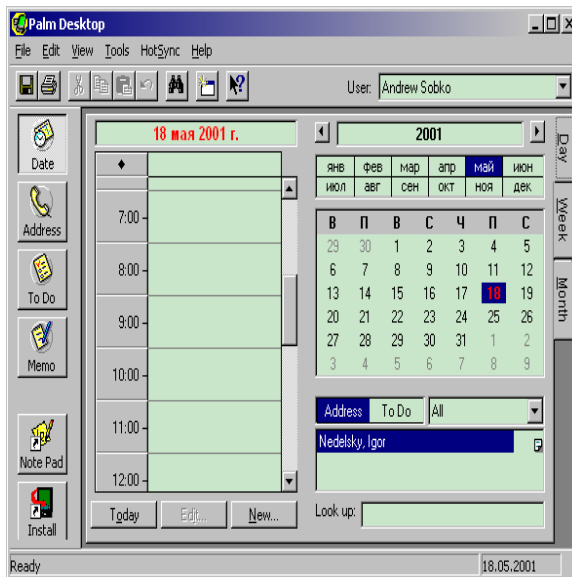


Figure 22. The Palm Desktop main window

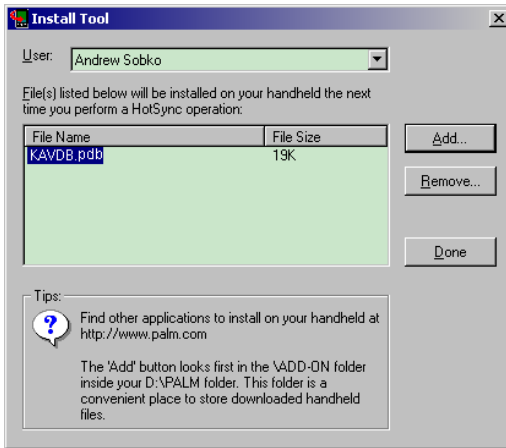


Figure 23. The **Install Tool** dialog box

2. Press the **Add** button in the **Install Tool** dialog box that appeared on your screen (see figure 23).
3. A standard file-search dialog will appear on your screen. Select location of the new virus-definition database and press **OK**.
4. Press the **Done** button in the **Install Tool** dialog box.

5. Connect the Palm cradle to your desktop computer, place your Palm device into the cradle and tap on the **HotSync** button. The HotSync dialog will appear on your Palm's screen (see figure 25).
6. Tap on the button in the centre of the screen. Your Palm will begin connecting to the Palm Desktop (see figure 24).



Figure 24. Connecting to the desktop

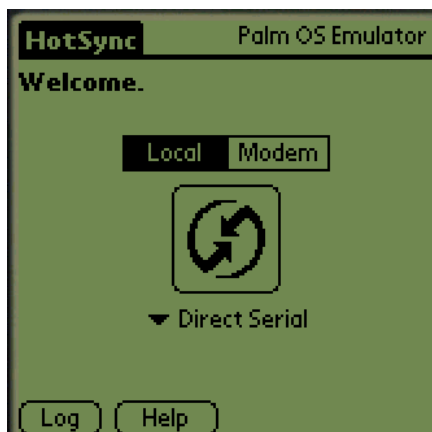


Figure 25. Starting to synchronise

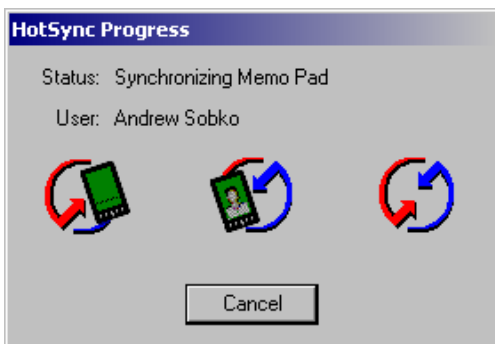


Figure 26. Transferring data from the desktop to your Palm device

7. After connected the data will be transferred from the desktop to your Palm device (see figure 26).
8. After the data-transfer is completed tap on the **Done** button on your Palm's screen. Now you may remove your Palm device from the cradle.

It is advisable that you go to the Kaspersky Anti-Virus main window to check the date when you last updated your anti-virus database (see subchapter 3.2.1).

# Appendix.

## Kaspersky Lab Ltd.

*About the company. Contact information.*

**Kaspersky Lab Ltd.** is an international, privately owned software-development company based in Moscow, with representative offices in Cambridge (United Kingdom), Walnut Creek (United States), and Johannesburg (South Africa). The company was founded in 1997, and concentrates its efforts on development, marketing and distribution of the world-class data-security technologies and related computer software. Kaspersky Lab is one the world leaders in data-security and anti-virus technologies. The Company was the first to develop many features that are now an essential part of all modern anti-virus protection: an external anti-virus database with embedded specialised modules, a search capability within archived and compressed files, integrated anti-virus protection for Linux, etc.

In addition to anti-virus software, Kaspersky Lab is committed to the development of general data-security software. Our current product line includes Kaspersky Inspector and Kaspersky WEB Inspector, whose unique capabilities allow users full control over any unauthorised alteration to the file system and content of a Web server. Upcoming add-on features include Kaspersky Personal Firewall for general workplace defence against any hacker attacks, and Kaspersky Access Control for reliable regulation of user access rights to a computer. Kaspersky Lab's flagship product, known as Kaspersky Anti-Virus (AVP), has been in constant development since 1989, and has been rated consistently by numerous computer magazines and virus research centres as the best anti-virus product on the market.

**Kaspersky Anti-Virus** covers all reliable methods of anti-virus protection: anti-virus scanners, resident "on-the-fly" virus interceptors, integrity checkers and behaviour blockers. Kaspersky Anti-Virus supports all of the most popular operating systems and applications. It provides strong anti-virus defence for mail gateways (MS Exchange Server, Lotus Notes/ Domino, Sendmail, Qmail, and Postfix), firewalls and WEB servers. All Kaspersky Anti-Virus products rely on Kaspersky's own database of over 55,000 known viruses and types of mali-

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cious code. The product is also powered by a unique technology combating even future threats: the built-in heuristic code analyser is able to detect up to 92% of unknown viruses and the world's only behaviour blocker for MS Office 2000 provides 100% guaranteed protection against any macro-viruses.

If you have any questions, comments or suggestions please refer them to our distributors listed in your Readme.txt or directly to Kaspersky Lab. We will be glad to advise you on any matters related to our product by telephone or e-mail and all your recommendations and suggestions will be thoroughly reviewed and considered.

Address:	10, Geroyev Panfilovtcev Street, 123363, Moscow, Russia, Kaspersky Lab	
Phone:	+7 095 797 87 00 +7 095 948 43 31 +7 095 948 83 50	Sales Department
	+7 095 797 87 00 +7 095 493 03 00	Technical Support
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BBS:	+7 095 948 63 33, +7 095 948 36 01 (round-the-clock)	
E-Mail:	globalsales@kaspersky.com	Sales Department
	support@kaspersky.com	Technical Support
	newvirus@kaspersky.com	Anti-virus Lab (for archived virus copies only)
	info@kaspersky.com	Marketing and Advertising Department
WWW:	<a href="http://www.kaspersky.ru">http://www.kaspersky.ru</a>	
	<a href="http://www.viruslist.com">http://www.viruslist.com</a>	