



## For Palm OS Devices

*NoviiRemote turns your handheld computer into a Universal Learning Remote Control!  
You can control all of your home entertainment equipment with one easy-to-use program.*

### Table of Contents

Introduction .....	3
1. Getting Started.....	3
2. Install NoviiRemote Lite .....	4
3. Setup Form .....	5
4. Remote Screen Form.....	6
5. Add New Device Wizard .....	7
6. Learning IR Codes .....	8
7. Hot Buttons Form.....	10
8. Hard Buttons Form .....	11
9. Preferences for Multiple Rooms.....	13
10. Troubleshooting .....	14
11. System Requirements.....	15
12 About NoviiMedia.....	16

## Introduction

NoviiRemote Deluxe is a software program which turns your handheld computer or smartphone into a universal remote control. The program is capable of controlling all of your home entertainment devices, such as TVs, VCRs, satellite and cable boxes, etc. right from your handheld. You can also create your own interface: run macros; rename, move and delete buttons; create new buttons and pages; and much more.

NoviiRemote Lite is a simplified version of the software. It works exactly like NoviiRemote Deluxe except that the Lite version does not support macros and button layout editing.

**WARNING!** Be aware that the Lite version is not capable of customizing the interface, however it can display customized codebases that one may have created with the Deluxe version.

## 1. Getting Started

To use NoviiRemote Lite you must first install codebases - one codebase for each home entertainment device.

**Note.** Advanced users may easily create a codebase which controls several home devices simultaneously.

A **codebase** consists of several **pages** showing the virtual remote control interface. Only one page may be displayed on the screen of your handheld at any given time. Each page contains buttons which either send an infrared command controlling your home entertainment device, or which force the program to load another page on the screen.

A codebase is downloaded into the **Remote Screen form** allowing you to click soft buttons and thus control your home devices.

To install codebases, open the application menu and select the "Add New Device" item. The Add wizard provides you with several ways to create (install) new codebases.

### TIPS:

- To open the application menu, just click the "menu" button at the upper left-hand corner of the Remote Screen form. You may also click the Menu button at the lower left-hand corner of the graffiti area. Some handhelds like Treo 650 have the menu button on their boards.
- If you have used a previous version of NoviiRemote Classic 2.x, use the Add wizard for importing codebases from the Classic format to the Deluxe one.
- If you don't have any codebases in the Classic format, then try to find a suitable codebase in the IR archive. The Add wizard prompts you to select the type of your home device and its brand (manufacturer), and helps you to find the best codebase for controlling the given entertainment device.
- You also can create a new codebase by selecting a pattern, then learning the signals from the original remote control by beaming the signals to your handheld.

To select a device you wish to control, click on the small triangle in the top panel of the

Remote Screen form and load the appropriate codebase from the pull-down list.

You may also load codebases by clicking on the **hot buttons** in the very top panel of the Remote Screen form. There are five hot buttons, and all of them are assigned and renamed by means of the Hot Buttons form.

To control your entertainment device, just tap the virtual images of the remote buttons on the Remote Screen form, or click on the hard buttons while pointing the handheld at the given entertainment device.

Use the Setup form to do routine operations on your codebases: creation, learning, deletion, etc.

Use the Hard Buttons form to customize the hard buttons on the board of your handheld with the most typical actions. For example, you may customize the hard buttons to change the channel and adjust the volume .

Use the Preferences menu to store customized remote control configurations so as to quickly switch between them later. For example, you can store configurations for each room of your house to create a quick and easy way of switching all devices in the given room to the correct settings, or create several profiles for your home theater system.

You may also use Preferences for storing customized configurations for different users.

## 2. Install NoviiRemote Lite

Please refer to the readme.txt file for the recent notes concerning the installation procedure.

### TIP:

First download the free trial version of NoviiRemote Lite. Check thoroughly that NoviiRemote Lite is capable of controlling your home devices. After confirming that NoviiRemote Lite works for you, we encourage you to order the full commercial version of NoviiRemote Lite.

### NOTE:

The only difference between the trial version and the full commercial version is an expiration period built into the trial version. The trial version will stop working ten days after the very first launch on your handheld.

### Installation

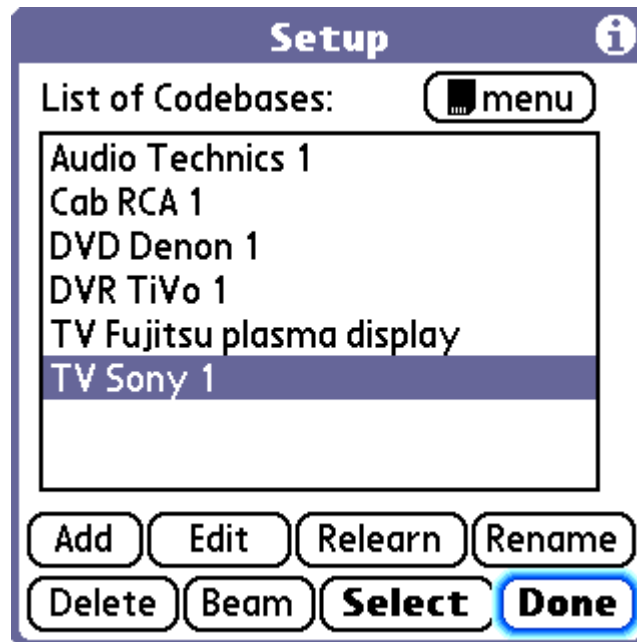
1. Download the zip-file containing NoviiRemote Lite software.
2. Extract the contents of the zip file to the temporary folder.
3. Put NRLite\_3.73\_Palm.pdf (this document) into a convenient place, where you can access it again. This is the User Guide in PDF format.
4. Read the end user license agreement carefully for NoviiMedia software, license.txt.
5. Refer to the readme.txt document for information concerning the contents of the zip-file and the installation instructions. While installing select either the low-resolution skin file (160\*160) or the high resolution one (320\*320, 320\*480, 480\*320).

6. After completing the HotSync operation you can immediately begin using NoviiRemote Lite!

### 3. Setup Form

To launch the Setup form, just open the application menu and select the Setup item.

Use the Setup form to create and make changes to codebases.



A **codebase** is a database containing the infrared signals that control your equipment. A codebase consists of several **pages** displayed on the screen of your handheld, see the Remote Screen form. Each page consists of the soft **buttons** beaming infrared signals, which control your home devices. **Navigation buttons** allow jumping between pages

#### TIPS:

1. First, create several codebases using the Add wizard. Note that you'll need one codebase for each home entertainment device. Click the **Add** button to launch the Add wizard. The wizard provides several options for creating new codebases using predefined infrared databases, skins and patterns (TV, Cable, DVD, etc.).
2. Use the **ReLearn** button to learn the buttons of the selected codebase. You may learn all the buttons inside the given codebase or some buttons only.
3. Use the Setup form to perform routine operations on your codebases:
  - Use the **Delete** button to delete the selected codebase. All infrared signals stored inside the deleted codebase will be lost, and you will not be able to control the given device anymore! To restore the codebase you will have to perform learning signals from your original remote control.
  - Use the **Rename** button to rename the selected codebase.
  - Use the **Beam** button to send the selected codebase to another handheld.
  - Use the **menu** button at the upper right-hand corner of the form to move/copy

codebases from RAM to the SD-card and vice versa.

4. Use the **Done** button to close the Setup form and return to the Remote Screen form.

Use the **Select** button to close the Setup form and return to the Remote Screen form where the selected codebase will be automatically downloaded.

## 4. Remote Screen Form

The Remote Screen form is the main form of the application. This is a form which is launched at the moment you launch NoviiRemote software. When you close any other form, the Remote Screen form is automatically launched.

The Remote Screen form allows you to control your home entertainment devices.



To select a device you wish to control, click on the small triangle in the top panel of the Remote Screen form and load the appropriate codebase from the pull-down list.

You may also load codebases by clicking on the hot buttons in the very top panel of the Remote Screen form. There are five hot buttons, and all of them may be assigned and renamed by means of the Hot Buttons form.

To control your device, just tap the virtual images of the remote buttons on the screen of your handheld, while pointing the handheld at the given entertainment device.

You may also control your device by tapping the hard buttons on the board of you handheld. The hard buttons are customized by means of the Hard Buttons form.

### TIPS:

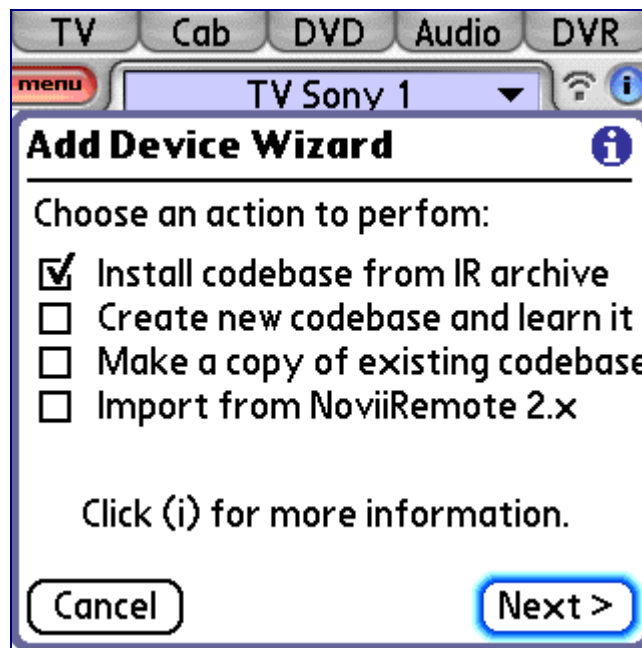
- Use the navigation buttons (Main, Digits, Menu, Other, etc.) to display additional pages of the codebase with buttons to control your device.
- Use the button at the upper left-hand corner of the top panel named "menu" to open

the main menu of the NoviiRemote application.

- If NoviiRemote does not control your device, first verify that you have loaded the appropriate codebase.
- If you do not have the appropriate codebase, press the “menu” button, select the “Add New Device” item and create a new codebase by using the Add wizard.
- Use the Hard Buttons form to customize the hard buttons on your handheld for the actions you use most often.

## 5. Add New Device Wizard

The Add wizard provides you with four ways to create (install) new codebases. To launch the wizard, just open the application menu and select the “Add New Device” item.



Next, select one of the four choices, and the wizard will guide you through several steps to create a new codebase.

1. Use an infrared database from the IR archive with one of the predefined button layouts (called **patterns**).
2. Create a new codebase by selecting a pattern, then learning the signals from the original remote control. Note that the pattern does not contain infrared signals, so the wizard prompts you to learn the buttons from an original remote control.
3. Make a copy of an existing codebase, and relearn its buttons to create a new codebase.
4. You can also import a codebase from the NoviiRemote Classic 2.x format in the Deluxe format.

### Important notes:

- A **codebase** consists of several **pages** showing the virtual remote control interface.

One page only may be displayed on the Remote Screen form of your handheld at any given time. Each page contains **buttons**, which either send an infrared command controlling your home entertainment device, or which force the program to load another page on the Remote Screen form.

- NoviiRemote provides you with 16 predefined button layouts called **patterns**. A pattern does not contain any infrared signals. It provides a button layout only.
- For your convenience, patterns with the same graphics design are combined into the **skin files** within the program. At present NoviiRemote provides users with the low-resolution skin (160\*160) and high-resolution skin (320\*320, 320\*480, 480\*320).
- When you want to select a pattern, the wizard first prompts you to select a skin file, and then select a pattern from the skin-file.
- NoviiRemote provides you with an **IR archive** containing a selection of infrared codes from many of the most popular home entertainment devices. The infrared codes contain signals only, and do not contain any information concerning button layouts.
- When you want to use an infrared database, the wizard first prompts you to select the device type and its brand. Next, it helps you to find the best infrared codes for controlling your home device.
- On completing the installation of the new codebase, the Add wizard prompts you to assign the codebase to one of the five **hot buttons** at the very top panel of the screen. The hot buttons give you the quickest way to load codebases on the screen of your handheld.

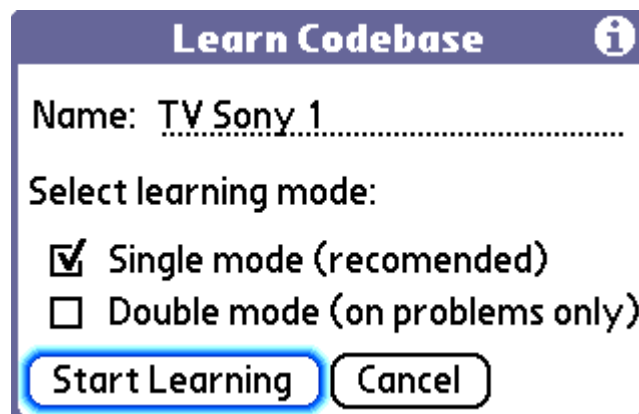
## 6. Learning IR Codes

If your device does not have a pre-assigned codebase, it is easy to "learn" a new one to your handheld.

You may learn any codebase. Just launch the Setup form, select a codebase and click the ReLearn button.

The learning form may also be launched at the completion of the creating of the new codebase by means of the Add wizard.

Before starting learning, the application launches the following form:



**Learn Codebase** ⓘ

Name: TV Sony 1.....

Select learning mode:

Single mode (recommended)

Double mode (on problems only)

**Start Learning** **Cancel**

In most cases it is sufficient to perform learning in Single Mode. However, if you face problems with switching on your TV receiver to channels like 11, 22, 33, etc, or if the Mute button does not work properly, then you should perform learning in Double Mode. This requires double learning of each button. Double learning enhances the infrared codebase stored in your handheld computer. Next, click the "Start Learning" button to begin learning.



**Important.** Before to begin learning make sure to place your handheld computer and the remote control from your device (TV, DVD, etc.) on a table, facing each other, with about 5-10 inches between. **The infrared ports of each device must be facing each other.**



To learn any button, e.g. PiP Ch+, first tap its virtual image on the screen of the handheld. Then press the button "PiP Ch+" on your original remote and hold it until the handheld produces a beeping sound, and then release 'PiP Ch+' button on the original remote. You will notice a change in the button's image on the handheld as you complete this process.

**NOTE:**

When learning in Double Mode, the program prompts you to perform the learning steps two times for each button.

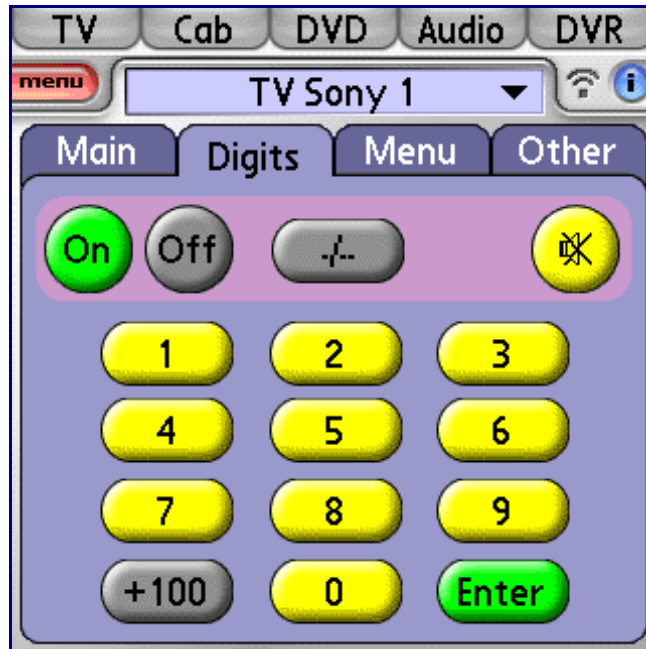
**TIPS:**

- Click the Main, Digits, Menu and other tabs to load another pages of the codebase for learning.

When you have completed learning all the buttons you wish to use, click the "done" button at the upper left-hand corner of the learning form, and you are ready to use the learned button immediately by means of the Remote Screen form.

### 7. Hot Buttons Form

There are five hot buttons at the very top of the Remote Screen form. These hot buttons are used in the program to launch codebases.



The names and assignments of the hot buttons may be changed by means of the Hot Buttons form. To launch the form, just open the application menu and select there the "Hot Buttons" item.

N	Label	Codebase
1:	TV	▼ TV Sony 1
2:	Cab	▼ Cab RCA 1
3:	DVD	▼ DVD Denon 1
4:	Audio	▼ Audio Technics 1
5:	DVR	▼ DVR TiVo 1

OK Cancel

**TIP:** Use the Hot Buttons form to assign the hot buttons to the codebases you load most often. For example, you may assign the codebase controlling your cable box to the first hot button, next assign the codebase controlling your TV set to the second hot button, etc.

To customize a hot button, just type in its label and press the popup trigger to select a codebase from the list of available codebases.

**Notes:**

1. The hot button with the number 1 corresponds to the hot button furthest to the left on the Remote Screen form, while the hot button with the number 5 corresponds to the hot button furthest to the right on the Remote Screen form.
2. The ordered numbers of the hot buttons are for your convenience only. They are not displayed on the Remote Screen form.
3. If you do not want a hot button to launch any codebase at all, select the value "none" from the list of codebases.

**8. Hard Buttons Form**

Hard buttons are on the board of your handheld, and are used to perform assigned actions. The special Palm OS application called Prefs (see Buttons tab there) allows customizing the hard buttons by assigning them applications.

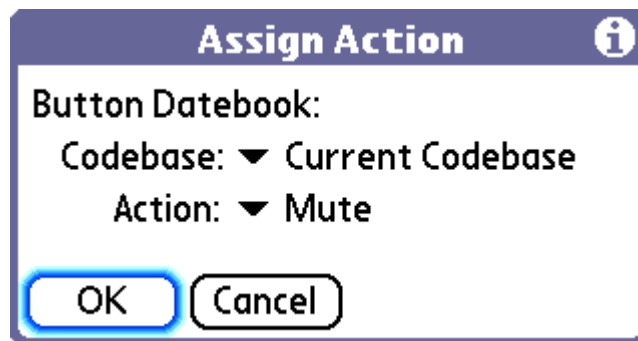
To launch the Hard Buttons form of NoviiRemote software, just open the application menu and select the “Hard Buttons” item.

Use the Hard Buttons form to customize the hard buttons with the remote actions you perform

most often. For example, you may customize the hard buttons to change the channels and the volume level. **Spend a moment to customize your hard buttons to get the most enjoyment using NoviiRemote!** While using the hard buttons, you won't have to take out your stylus, and can operate NoviiRemote with just one hand.



To customize a hard button, just press the given button or tap the text enclosed in the dotted rectangle near the button. The program will display the Assign Action window where you should first select a codebase and then select an infrared command to be sent in response to the press on the hard button.



**TIPS:**

1. When you press the hard button, it will send the assigned infrared command from the selected codebase.
2. The special value "Current Codebase" selected from the Codebase list means sending the selected infrared command from the currently active codebase (the codebase being currently loaded into the Remote Screen form).
3. The special value "Others" selected from the Codebase list permits the assignment of special actions to a hard button:
  - **Disabled Button:** a disabled button won't perform any action.

- **Launch Setup Form:** this button will launch the Setup form.
- **List of codebases:** this button will open the pull-down menu with the list of available codebases.
- **PalmOS assignment:** this button will launch the application assigned by means of the Prefs application.

**Important!** The Hard Buttons assignments function on the Remote Screen form only. They do not work from within the Setup form, Preferences and other form.

## 9. Preferences for Multiple Rooms

Preferences forms are launched from the Preferences menu of the application.

Use Preferences to store customized remote control configurations, so you can quickly switch between them later.

For example, you can create and store configurations for each room of your house thus getting an easy and quick way of switching all devices in the given room to the correct settings.

You may create and store several profiles for your home theater system.

You may also create and store customized configurations for your wife/husband and kids.

NoviiRemote saves the following preferences:

- custom assignments to five hot buttons at the top of the Remote Screen form,
- custom assignments to hard buttons for each room.

**To prepare Preferences for a given room** please perform the following actions:

- Launch the Hot Buttons form, and assign the hot buttons with codebases capable of controlling the home devices located in the given room.
- Next, launch the Hard Buttons form and customize the hard buttons with the remote functions you use most frequently in this room.
- When you have all the setting for the given room entered, launch the Preferences menu, select the Save item from the pull down menu, enter the name of the database where your preferences will be saved, and press the Save button.

### **TIP:**

Most users assign names like Kitchen, Dining Room, Home Theater, etc.

**Switching between rooms.** NoviiRemote allows you to quickly load previously saved preferences from their respective databases. To load preferences for a room, launch the Preferences menu, select “Load” from the pull down menu, then select the name of the database in the list and click the Load button.



Use the Delete button to delete Preferences you no longer need.

## 10. Troubleshooting

If you experience difficulties controlling any home device, try the following:

- First, be certain that the codebase you're trying matches your home device. If not, either download an existing codebase or create a new codebase by means of the Add New Device Wizard.
- While learning remote commands, be certain that the infrared ports of the remote and your handheld are facing each other at the 5-10 inches distance. On problem with learning try to perform learning at the 20 inches distance.
- Be certain that the batteries in your handheld are not weak. If depleted, replace or recharge the batteries in your handheld and try again.
- Be certain that the distance from your device to the handheld is sufficient for NoviiRemote to work properly. Depending on the model of the handheld and the model of equipment you are trying to control, the maximum range is 5-40 feet.
- If you face problems with your equipment such as switching your TV receiver to channels like 11, 22, 33, etc. or if the Mute button does not work properly try re-learning your codebase. Go to the Setup form, select the problematic codebase in the list of codebases and press the ReLearn button. Then check the Double Mode box and click "Start Learning" to begin. When learning in Double Mode, the program prompts you to perform the learning steps two times per each button.

Review the Tutorials, FAQ, and other information available. If you still can't find answers to your questions, please write to our support team.

## 11. System Requirements

### NoviiRemote Lite for Palm OS ®, version 3.73 released in April 2008:

- Palm OS version 4.x, 5.x,
- 774 KB of free memory for low-resolution screen or 1393 KB for high-resolution screen,
- Additional memory for codebases, 25-35 KB per home device.

### Compatible devices:

- Palm TX, range is 15-30 feet \*
- Palm LifeDrive, range is 15-30 feet
- Palm Tungsten E, range is 10-15 feet, sometimes up to 30 feet
- Palm Tungsten E2, range is 10-20 feet
- Palm Z22, range is 8-10 feet, sometimes up to 25 feet
- Palm Tungsten T, range is 10-20 feet
- Palm Tungsten T2, range is 10-15 feet
- Palm Tungsten T3, range is 15-25 feet
- Palm Tungsten T5, range is 10-20 feet
- Palm Tungsten C, range is 10-20 feet
- Palm Tungsten W
- Palm Zire
- Palm Zire 21, range is 8-12 feet
- Palm Zire 31, range is 8-12 feet
- Palm Zire 71, range is 10 feet
- Palm Zire 72, range is 10-20 feet
- Palm Treo 600, range is 3-6 feet only
- Palm Treo 650, range is 5-12 feet
- Palm Treo 680, range is 5-12 feet
- Palm Treo 700p, 755p, range is 3-6 feet only
- Palm Centro, range is 5-10 feet
- Tapwave Zodiac and Zodiac 2
- Palm m500 series, m100 series, i705, IIIc, IIIxe, Palm V and Vx with Palm OS 3.5 or higher installed, range is 10-20 feet
- Sony CLIE OS 5 - NX series, NZ series, TG50, range is 15-30 feet
- Sony CLIE OS 4 - NR series, T series, range is 15-30 feet
- Other Sony CLIE devices - SL series, SJ series, N series, etc., 3-8 feet
- Garmin iQue 3200, Garmin iQue 3600

- XPlore M28
- Kyocera 7135, range is 3-6 feet only
- Handspring Visor Series with Palm OS 3.5 or higher installed, 3-8 feet
- Samsung SPH-i330, i500
- etc.

**\*Ranges reported by our customers.** Make sure to verify the range of your device before ordering NoviiRemote software!

**Warning:** The infrared port of Treo 600, Treo 700p, some Sony Clie devices is slightly underpowered. Therefore, effective range may be 1-3 meters. However, for most devices the range is 5-10 meters (15-30 feet).

**Warning:** The program does not support the following Sony Clie OS 5 devices: TJ series, UX series, TH55, UK-50. It also does not support devices running Palm OS 3.1/3.3 or lower, e.g. Palm III, Palm IIIx, Palm IIIe, Palm V, etc.

## **12 About NoviiMedia**

NoviiMedia is engaged in the development of several lines of products for handheld computers. We are committed to delivering high quality solutions to the growing number of handheld owners who use their devices for fun and entertainment.