



Voice Dialer 1.0

User Documentation

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1. Introduction

Voice Dialer 1.0 is the premier voice recognition solution for the Treo® 600 and 650. It enables the user to dial any phone number by simply using their voice.

2. System Requirement

- Treo® 600 or 650 with voice recording compatibility.
- 200K of free memory.

2.1 Compatibility

- Handspring® or Palm® Treo 600 and Treo® 650

3. Installation

To install Voice Dialer you will need to install the following files and then press the HotSync® button on the cradle. The HotSync® manager will install the files on to your Palm.

You can double click on each file to put it into the Hotsync® queue or drag and drop all the files on the InstallTools Window.

- | | |
|------------------------|-------------------|
| 1. VoiceDialer.prc | - Main program |
| 2. VoiceLib.prc | - Voice libraries |
| 3. VoiceLibSupport.prc | |
| 4. VoiceLibReg.prc | |

Note: All the files must be installed to RAM and cannot be installed on to the external card.

3.1 Registering Voice Dialer After Purchase

After you have installed all files, look for the **VoiceLibReg** Launcher and launch it. You will see the following screen.



application in the



You will need to write down your **Serial Numbner** to use for generation of your License Key. Please visit: <http://www.groverind.com/genkey.php> and follow screen instructions in order to receive your License Key via email. Please note: When registering for the License Key, make sure 0's (zeros) are not typed as O's inside of the Serial Number.

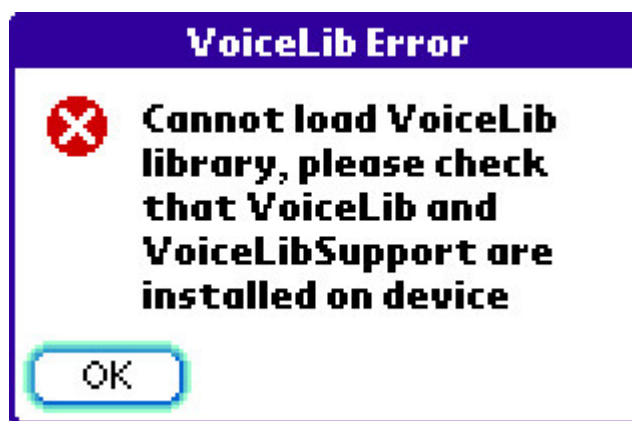
Please Note: Make sure you write down the License Key exactly as shown, using all capital letters and including all dashes "-".

When you get your License Key, launch the **VoiceLibReg** application again and enter the License Key into the License input area and tap "Register License Key" button. You will only have to do this once.

4. Launching Voice Dialer

To launch Voice Dialer, look for the icon  on the Treo® 600 or the Treo® 650 in the Launcher and tap on it.

If you get the following error message after you have launched Voice Dialer, then you did not install all the voice libraries correctly. Refer to section 3. Installation.



If you get the following warning message after registering, then you entered the wrong License Key. Refer to section 3.1 Registering Voice Dialer After Purchase.



5. User Interface



Diagram 1: Main Screen.

Buttons

View Contacts

Tap this button to view the contacts database.

View Phone

Tap this button to activate the phone application.

Volume Up and Volume Down Keys

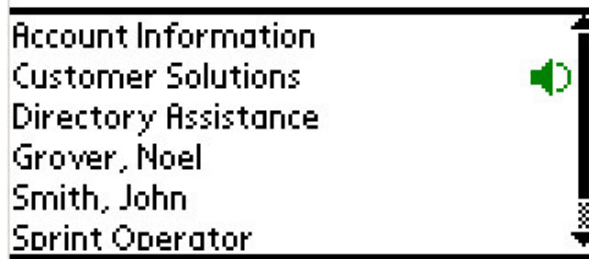
Push any volume key to activate listening mode. Please note: Volume Keys only work when Voice Dialer is the Active Application. To start listening mode outside Voice Dialer please see section 6. Settings – Quick Start Key.

Icons



The green icon indicates a recorded contact in the contact list.

Contact Display List



The displayed contact list is sorted by lastname, firstname, and/or company name. To record a contact or view the settings, just tap on the contact name. This will bring up the Contact Properties screen.

Status

Status: Listening...

The status line indicates the Voice Recognition Engine mode. The modes are: Listening, Recording, Thinking, Measuring, and Error.

5.1 Record a Contact

To record a contact, tap on a contact name in the contact display list.

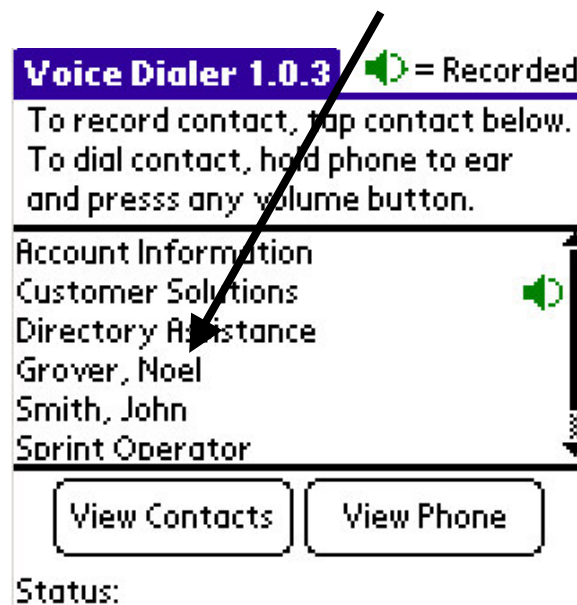


Diagram 2: Main Screen

The following Contact Properties screen appears:

Contact Properties

To record contact, hold phone to ear and press any volume button

Grover, Noel**Choose the number to dial:**

612-232-2983 (W)
612-822-0221 (H)
612-223-4582 (M)

Back

Status:

In order to record the selected contact, you must tap on only one of the displayed phone numbers (highlighted). Please note: If only one phone number is displayed, you must still tap on it before recording the contact. Only one phone number per contact is available at this time.

To record the selected contact, hold phone to ear and push one of the Volume buttons on the side of the phone. After you hear the beep, speak the contact name clearly. Please note: It is important to speak as naturally as you can and keep it short. You only have 2 seconds to record the contact name.

Contact Properties

To record contact, hold phone to ear and press any volume button

Grover, Noel**Choose the number to dial:**

612-232-2983 (W)
612-822-0221 (H)
612-223-4582 (M)

Back

Delete

Play

Status:

After you have recorded the contact name, you can play it back with the Play button. If the contact name is clear, then tap on the Back button to save it. If you would like to re-record the contact name, hold phone to ear, then push one of the Volume buttons again.

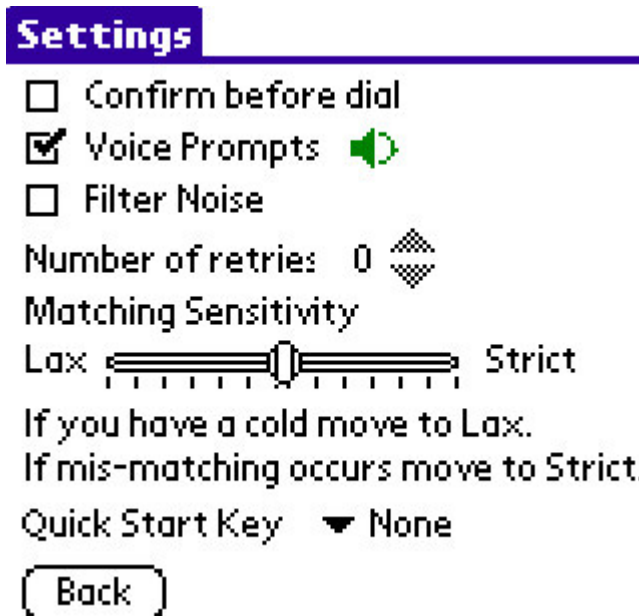
To test the recorded contact name, tap on the Back button and push one of the Volume buttons. After you hear the beep, speak the recorded contact name. If it fails to dial the contact, then you must re-record the contact name and test again.

Hints: When recording a contact name make sure:

1. There are no background noises.
2. Speak the contact name clearly and naturally.
3. Make contact names that don't sound the same. Try to make them unique
 - a. I.e. "Mark Home", "Mark Cell"
4. Speak the contact name at the same distance from the microphone.

6. Settings

To configure Voice Dialer settings, push the Menu button, then tap Settings. The follow screen will appear:



☐ Confirm before dial


To confirm before dialing the recognized contact name, please have checked. Tap to toggle checkmark.

☒ Voice Prompts 


To hear voice prompts, please have checked. Tap to toggle checkmark.

☐ Filter Noise

This feature not enabled at this time.

Number of retries: 0 

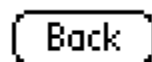
Sets the number of retries if no matching occurs.

Matching Sensitivity
Lax  Strict

Matching Sensitivity adjusts the recognition parameters of the Voice Dailer engine. If no match is found, adjust more to the LAX setting, and try again. If it dials a wrong contact, make more strict, and try again. Please note: If you have a cold, you would set the Matching Sensitivity to more LAX.

Quick Start Key ▼ None

The Quick Start Key allows you to activate Voice Dialer and Start Listening mode while running other applications. The Quick Start keys that are supported are: Phone, Calendar, Message, and Select Button.



Tap the back button to save current settings. Please note: If you do not tap on the back button, changed settings are not saved.

7. Voice Dialer limitations

- If the contact name sounds similar, then it will pick the first matching command.
- Does not work well if the recorded contact name has too much background noise.
- Only supports two seconds of recording for each contact name.
- Does not support dialing by speaking the phone numbers eg: 555...
- Does not work with wireless head sets.

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