



VoiceDialIt™ 1.1.0

User Documentation

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1. Introduction

VoiceDialIt(TM) 1.1.0 is the premier voice recognition solution for the Treo™ 600 smartphone and Treo™ 650 smartphone. It enables the user to dial any phone number by simply using their voice.

2. System Requirement

- Treo™ 600 smartphone or Treo™ 650 smartphone with voice recording compatibility.
- 1500K of free memory.

2.1 Compatibility

- Handspring® or Palm® Treo™ 600 smartphone and Treo™ 650 smartphone.

3. Installation

To install VoiceDialIt(TM) 1.1.0 you will need to install the following PRC file called "**vdit110.prc**" into the Palm QuickInstaller. Then press the HotSync® button on the cradle. The HotSync® manager will then install the file on to your Treo™ Smartphone. After the HotSync® operation is completed, the self extractor will install the following files:

- | | |
|------------------------|------------------------------|
| 1. VoiceDialIt.prc | - Main program |
| 2. VoiceLib.prc | - Voice Library |
| 3. VoiceLibSupport.prc | - Voice Library |
| 4. VoiceLibReg.prc | - Voice Library Registration |
| 5. VoiceLibFilter.prc | - Voice Library Filter |
| 6. EN_VoiceDialer.pdb | - English Language File |
| 7. FR_VoiceDialer.pdb | - French Language File |
| 8. GR_VoiceDialer.pdb | - German Language File |
| 9. DT_VoiceDialer.pdb | - Dutch Language File |
| 10. PT_VoiceDialer.pdb | - Portuguese Language File |
| 11. IT_VoiceDialer.pdb | - Italian Language File |
| 12. SP_VoiceDialer.pdb | - Spanish Language File |

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

3.1 Registering VoiceDialIt(TM) 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 displayed **Serial Number** to use for generation of your License Key. Please visit: <http://www.voiceit-tech.com/login.php> and login in order to generate your license key. **Please note: When registering for the License Key, make sure 0's (zeros) are not typed as O's (Oh'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.



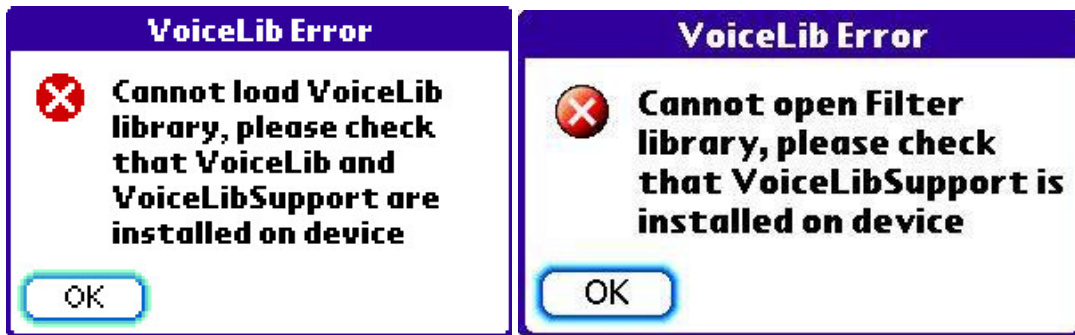
4. Launching VoiceDialIt(TM)

To launch VoiceDialIt(TM), 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 messages after you have launched VoiceDialIt(TM), then you did not install all the voice libraries correctly. Refer to section 3. Installation.



5. User Interface



Diagram 1: Main Screen.

Buttons



Tap this button to view the contacts database.



Tap this button to activate the default phone application.



Tap this button to go to the Settings Screen.



Volume Up and Volume Down Keys

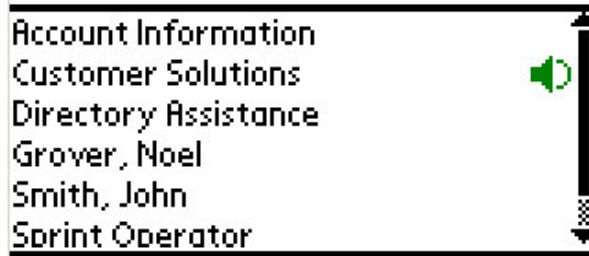
Push any volume key to activate listening mode. **Please note: Volume Keys only work when VoiceDialIt(TM) is the Active Application. To start listening mode outside VoiceDialIt(TM) please see section 6. Settings – Quick Start button.**

Icons



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

Contact Display List



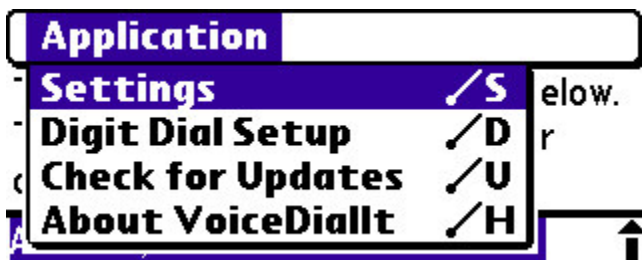
The displayed contact list is sorted by lastname, firstname, and/or company name. To record a contact or view the settings, just tap on the contact name. This will bring up the Contact Properties screen. Please note: If you wish you can press S-T-O-N-E and it will go to the first Stone contact.

Status

Status: Listening...

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

Menu Options



To get to menu options, press on the Menu button or tap on the VoiceDialIt title. This will bring up the following menu options; Settings, Digit Dial Setup, Check for Updates, and About VoiceDialIt. Tap on Settings to get to the Settings Screens. Tap on Digit Dial Setup to run wizard for setting up the digit dialing voice commands. Tap on Check for Updates to check for a new version and to have it update. Tap on About VoiceDialIt to learn more about VoiceDialIt.

5.1 Record a Contact

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



Status

Diagram 2: Main Screen

The following Contact Properties screen appears:



Status

Diagram 3: Contact Properties Screen

In order to record the selected contact phone number, you must tap on one of the displayed phone numbers (highlighted). If only one phone number is displayed, you must still tap on it before recording the contact. Please note: Multiple phone numbers per contact are supported in this version. Also, please make sure to record a different contact name for each phone number displayed. i.e. "Mark's Home" for (H) type phone numbers, and "Mark's Cell" for (M) type phone numbers.

To record the selected contact phone number, hold phone to ear and push and release one of the Volume buttons on the side of the phone. After you hear the beep please wait for about 1 second, then 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.**



Diagram 4: Contact Properties Screen

After you have recorded the contact name's phone number, tap the play button. If the contact name is clear, then tap on the Save button to save it. If you would like to re-record the contact name's phone number, hold phone to ear, then push one of the Volume buttons again. Please note: After recording contact name's phone number the number is appended with "(Rec)".

5.2 Testing a Recorded Contact



To test the recorded contact name, tap on the Back button to get to main screen, and push one of the Volume buttons. After you hear the beep please wait for about 1 second, then speak the recorded contact name. If it fails to dial the contact, then you must re-record the contact name and test again.

5.3 Voice Dialing

To dial a recorded contact name, you have two options (ways) of starting listening mode:



If VoiceDialIt(TM) 1.1.0 is the active running application, you use one of the Volume buttons.



If VoiceDialIt(TM) 1.1.0 is **NOT** the active running application (i.e. you are in web browser app) you use the Quick Start button. For information on Quick Start button please see section 6. Settings.

Once you activate the listening mode you have 7 seconds to say your recorded contact name. Please make sure you say the contact name as you recorded it.

Hints: When recording a contact name make sure:

1. There are no VERY LOUD 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 VoiceDialIt(TM) settings, push the Menu button, then tap Settings. The follow screen will appear:

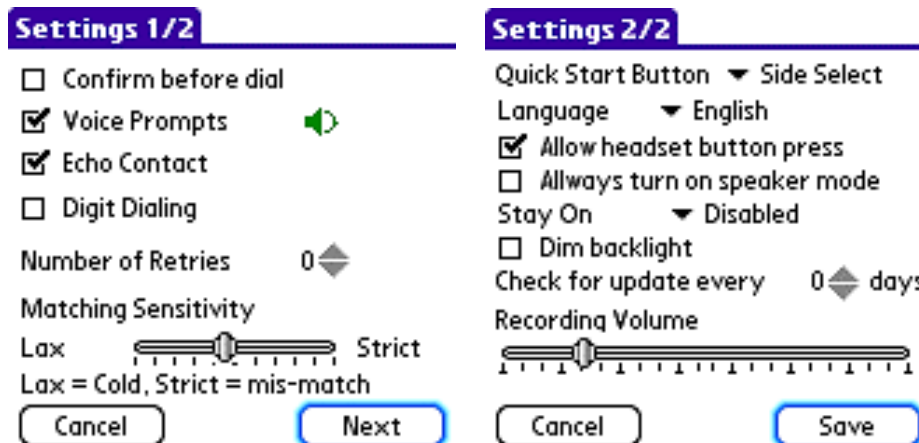


Diagram 6: Settings Screens

Confirm before dial

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

 Voice Prompts

To hear voice prompts, please check. Tap to toggle checkmark.

 Echo Contact

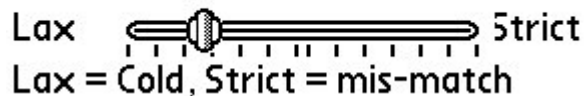
To hear what you issued for a contact please check. Tap to toggle checkmark.

 Digit Dialing

In order to utilize Digit Dialing (Section 6.1) you need to run the Digit Dial Setup Wizard, and have this option checked.

Number of Retries

If you want more than one attempt at dialing a contact please increase or decrease number of attempts here.

Matching Sensitivity

Matching Sensitivity adjusts the recognition parameters of the VoiceDialIt(TM) 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.

Cancel

Tap Cancel to discard changed settings and return to the main menu

Next

Tap Next button to get to the second settings screen.

Quick Start Button ▼ **Side Select**

The Quick Start button allows you to activate VoiceDialIt(TM) and Start Listening mode while running another application. The Quick Start buttons that are supported are: Phone, Calendar, Message, Select Button, and Side Select (Treo 650 Only).

Language ▼ English

To select a language tap down arrow and select language of your choice. We now support English, French, German, Dutch, Spanish, Italian, and Portuguese.

Allow headset button press

If checked, this setting allows you to use your wired headset for playback and recording.

Always turn on speaker mode

If checked, this allows all outbound and inbound calls to be on speaker mode.

Stay On ▼ Disabled

Here is where you select the amount of time you wish the phone to stay awake before sleep mode is activated. This feature, in conjunction with "Allow headset button press" allows you to simply activate the listening mode with the wired headset button.

Dim backlight

If checked, the screen brightness is turned off. Again, in conjunction with "Allow Headset Button Press", and "Stay On" features, battery power is conserved for simple one touch activation.

Check for update every 0  **days**

To check for updates automatically on start of VoiceDialIt, set the number of days to 1 or higher.

Recording Volume



Here you can change the recording volume. To increase recording volume move slider to the right. To decrease recording volume move slider to the left.

Save

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

6.1 Digit Dialing

Digit Dialing allows you to dial a telephone number by saying each digit individually. In order use Digit Dialing you must run the Digit Dialing Setup wizard. To setup Digit Dialing tap on menu item **Digit Dialing Setup** and the following screen will appear:



The wizard will guide you through the voice commands needed to utilize Digit Dialing. Please note: In order to utilize Digit Dialing after completion of the Digit Dialing Setup wizard, you must make sure the Settings screen has Digit Dialing checked (See section 6.0).

6.2 Extra Digits

Extra Digits allow you to utilize other digit and special tones after the phone call has established a connection. This is best utilized when you have a calling card and need to access your companies voicemail system. The setup of Extra Digits is simply done by entering numbers in the input field below. i.e.:



7. VoiceDialIt(TM) 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 LOUD background noise.
- Only supports two seconds of recording for each contact name.
- Allows a total over 65,000 Voice Tags. Please note: You have to have 10K free for each Voice Tag, thus the total amount of free memory limits the total number of Voice Tags you can create (The more memory free the more Voice Tags can be created). Typical limits are about 128 Voice Tags.
- Does not work with wireless headsets on Treo™ 650 smartphones.

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