



Voice Call™ 1.0

User Documentation

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1. Introduction

Voice Call™ is the premier voice recognition solution for the Treo® 600 and 650. It enables the user to dial any phone number, launch any application, or initiate a wide variety of system commands (i.e. Find, Create New Memo, Fetch Email, etc...) 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 Call™ 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 or QuickInstall Window.

1. VoiceCall.prc - Main program
2. VoiceCall_US.prc - English voice files
3. VoiceLib.prc - Voice libraries
4. VoiceLibSupport.prc
5. VoiceLibFilter.prc

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

3.1 Registering Voice Call After You Purchase Voice Call

After you have installed all files, launch Voice Call and you will see the following screen.

You will need to write down your **Serial Number** to use for generation of your License Key. Send your serial number to support@toysoft.ca for your license key.

When you get your License Key, launch the **Voice Call** 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.



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

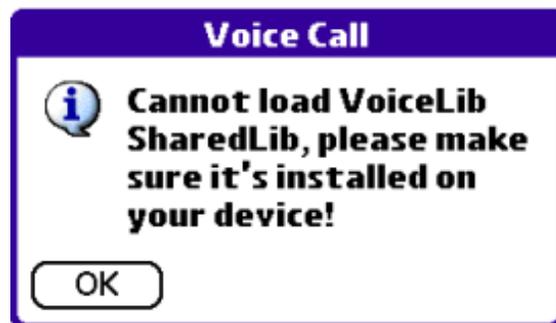
4. Launching Voice Call™



To launch Voice Call™, look for the icon in the Launcher and tap on it.

on the Treo® 600 or the Treo® 650 in

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



5. User Interface



Diagram 1: Main Screen.

Buttons

New

Create a new voice command.

Edit

Edit the select voice command. When editing you cannot change the display name, you can only change the voice command.

Play

Play the selected voice command.

Delete

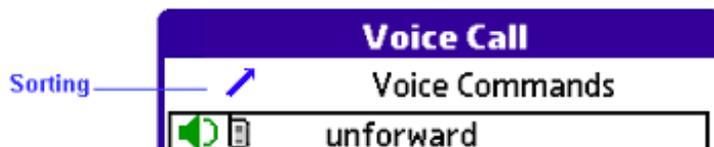
Delete the selected voice command.

Icons

- The voice command has voice attached
-  This is an application launch command
-  The voice command is System command
-  This voice command is voice dial command

Sorting

To sort the voice commands tap on the icon.



5.1 Creating a New Voice Command

To create a new voice command tap on the New button in the main screen.



Diagram 2: Key Activation screen

CMD Action: ▾ Launch Application

The type of action you want for the voice command.

Currently there are three choices: Launch Application, System Command, and Voice Dial.

Launch Application

When you select Launch Application action you must select an application to launch from the Application popup.

System Command

When you select a System Command action you must select a command from the System Command popup.

Voice Dial

When you select a Voice Dial action you must enter the phone number to associate to the voice command. You can use the look up feature to find the phone number and contact name in the Contacts database.

CMD Name: Memo Pad.....

This is the display name for the voice command. If the action is Launch Application and if the CMD Name field is blank the application name will be used.

Application: ▼ Memo Pad 

The application to launch.

System Cmd: ▼ Prefs - Date & Tim

The system command to use.

Phone No.: 555-5555..... 

The phone number to dial for Voice Dial command. You can enter any valid phone number here. Use the Look button to do a phone number lookup in the Contacts database

Contact: Joe..... 

The display name that will be showing in the main list. Use the Look button to do a contact name lookup in the Contacts database

Status:

This is the status indicator. When you are recording a new voice command. The status will show **Listen....**

5.1.1 Recording a Voice Command

To record a voice command, tap on the Record button. The status indicator will change to **Listen....** Now speak the voice command 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 command.

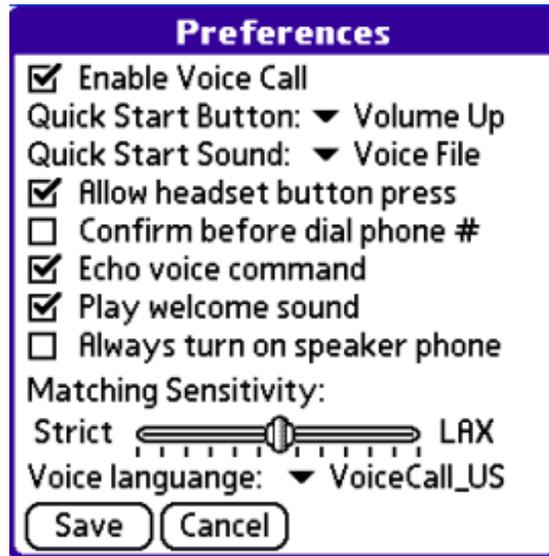
After you have recorded the voice command you can play it back. If the voice command is clear, then tap on the OK button to save it. If you like to re-record the command then tap on the Record button again.

To test the recognition, tap on the Test button. Now speak the recorded voice command and you will see the Confidence value. If you can consistently get the Confidence value in the high 80% then the command is good.

Hints: When recording a voice command make sure:

1. There are no background noises.
2. Speak the voice command clearly and naturally.
3. Make Voice commands that don't sound the same. Try to make them unique
4. Speak the voice commands at the same distance from the microphone.

6. Preferences



Enable

Voice Call™ must be checked. When upgrading to a new version of Voice Call™ you must uncheck it and then re-check it after you installed the upgrade.

Activation Method: ▼ Volume Up

Activation method. This is the button to activate Voice Call™

Activation Sound: ▼ Voice File

When Voice Call™ is activated, you will hear pre-recorded voice playback. i.e "Please say contact name after the beep".

Confirm before dial?

If you want to confirm before the phone number is dialed, then check this checkbox.

Echo voice command

If you want the voice command to be heard, then check this checkbox.

Play welcome sound

If this is checked, you will hear the Voice Call™ greeting.

Matching Sensitivity:

Matching Sensitivity adjusts the recognition parameters of the Voice Dailer Pro™ 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.

Voice language: ▼ VoiceCall_US

The voice language setting allows you to select what language to use for playback of voice prompts. Please note: This does not mean you are limited to speaking only English. Voice Call™ will work with any spoken language.

7. Voice Call™ limitations

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

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