Softtrends LivePVR

Windows Mobile 2005 Smartphone /2006 Standard

User Manual

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1.0 Getting Started:

1.1 About LivePVR:

LivePVR, is a true Mobile application that provides 3 extremely useful Personal Voice Recorder functionality; Meeting Notes PVR, Phone Call PVR and Voice Recorder PVR.

Meeting Notes PVR is the personal voice recorder mobile application that provides real time meeting notes using Timed or Manual capture modes. It allows the user to record moments-in-time, or "thoughts" during a meeting, but without missing the context that led up to that main point or thought. Using pre-defined application settings, a certain number of seconds are recorded using the Rolling Buffer, both before and after pressing the Timed Capture. This ensures the user always have proper context to the recordings. For example, you are in a meeting with LivePVR on and you have set the pre-defined value to 45 seconds. Suddenly you realize that you will need to record this part of the conversation. When you press the button, LivePVR will record the conversation to a file starting from 45 seconds before you pressed the button till either you press the stop button (if you have selected manual capture) or the time pre-set by you (if you are using timed capture).

Phone call PVR is the personal voice recorder mobile application that provides real time phone call recording using Automatic or Manual capture modes. It allows the user to record mobile phone conversations, either by recording all phone calls automatically, or by recording the next call the user makes.

Voice PVR is the personal voice recorder mobile application that provides voice recorder functionality, without the limits on how long the user can record. As long as the user has storage, such as an SD Card in the phone, user can record whatever the user likes, for as long as the user likes.

The files are recorded in .WAV format. They can be copied to the Desktop using the LivePVR Sync application that was installed on your desktop during installation and plugged into notes taken with programs like OneNote.

1.2 How to Install LivePVR:

Before you start installation, you will have to unzip the downloaded ZIP package using Winzip. If you are able to read this manual on your desktop then you have probably already unzipped the file. Once unzipped you will see the following files:

LivePVR_WM_SP_FULL.cab
LivePVR_WM_SP_FULL.msi
LivePVR_WM_SP_Full_License.rtf
LivePVR WM SP Full Readme.htm
LivePVR WM SP Release notes.pdf
LivePVR WM5 SP Manual.pdf

If you have a trial version of the program, the FULL will be Trial instead.

1.2.1 Automatic Installation using Windows PC:

Pre-requisite

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In order to install LivePVR using the automated Windows Installer, your system should have the following components:

1. **WinZip:** To unzip the files. If you are viewing this guide on your PC, you already have this.
2. **Windows Installer**: This is Standard with all windows operating system for installing any windows application. For some reason if the installation fail to come up, please repair your windows installer.
3. **.Net framework 1.0 or higher**: All Windows XP and Windows Vista systems either come with this or it is updated automatically when you do windows update. If you get an error due to .Net Framework not available, either do a system update of download or install .Net Framework.
4. **. Microsoft ActiveSync 4.5 of higher**: This is required for the installer to copy the device files to your Windows Mobile device. If you do not have it installed on your PC please download and install it from http://www.microsoft.com/windowsmobile/activesync/activesync45.mspx.

Steps
Double click on the LivePVR_WM_SP_FULL.msi file (or LivePVR_WM_SP_Trial.msi if you have the trial version)

1. This will install the LivePVR Sync application on your desktop PC.
2. This will install the LivePVR application on your device. If the device is not connected, the installation on device will fail but when you connect the device next time, the installation of LivePVR will be automatic

1.2.2 Manual Installation:

If you are unable to install the application to device using automated installation program (As described in Step 3) because you are using a operating system other than Windows or for any other reason, you can manually install LivePVR on the device.

Pre-requisites:

1. **WinZip:** To unzip the files. If you are viewing this guide on your PC, you already have this.
2. **. Microsoft ActiveSync 4.5 of higher**: This is required if you are going to copy the device application to device using a Windows PC. If you do not have it installed on your PC please install from http://www.microsoft.com/windowsmobile/activesync/activesync45.mspx.
3. If you cannot use ActiveSync, you have to use your alternate method of transferring the .CAB device file to the device.

Steps:

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- Copy the LivePVR_WM5_SP_FULL.cab to the device Copy the ".CAB" file to the Windows Mobile device either using the Active sync browser or using a Bluetooth or other method you use to transfer file to the device.

  (You will find the .cab file on the folder where you unzipped the zip file. If you have already installed the desktop application using the .MSI file but the device installation has failed, the .cab file will be in the folder where the desktop application is installed.)

- If you have downloaded the file over the air then you already have it on your device.

- Tap on the .cab file on the Device. The LivePVR application will automatically installed itself on the device.

1.3 Starting LivePVR:

Once the installation is complete, you can start LivePVR by selecting the LivePVR icon. The following screen will appear when you start the application after device restart.

IMPORTANT

The text on the screen is self explanatory and you bear all consequences for recording voice of anyone without their consent where it is not legal by law.

The next screen below is to warn you about storage limitation. Since the LivePVR recording files could be rather large, all recording is done on the Storage card if LivePVR detects one. There is no option for you to set recording location.

However, if a Storage card is not present and you still use LivePVR, the files will be stored on the main memory which is limited. The screen below reminds you that.

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2.0 Main Menu Screen:

Following is the LivePVR Main screen with the 4 options listed. The common functions that you can access from this screen are About, settings, Minimize and Exit.

Phone Call PVR – will take you to the Phone Call PVR application
Meeting Notes PVR – will take you to the Meeting Notes PVR application
Voice Recorder – will take you to the Voice recorder application

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2.1 About menu Option:

Following is the About screen that displays the copyright messages and a link to Softtrends website that you can select and browse.

2.1 Settings menu option:

Here you setup various options that are used by the program.

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2.1.1 Pre Push time:

Pre-push time is the amount of recorder data that you want the LivePVR application to buffer. This makes it possible for you not to record the entire meeting with the fear of loosing some important discussion. What LivePVR does is that it buffers past conversation up to the pre-push time. So, when during the meeting you find that some important points have been raised, you start capturing the discussion. As a result, LivePVR will write the buffer [with previous pre-push seconds of data] to the recorded file and append the current conversation to it. This way you do not loose any important context to the discussion you record.

2.1.2 Post Push time:

Post push time is relevant when you use the "Timed Capture" option in the Meeting notes PVR. The Timed Capture allows you to store the pre-push amount of data and then append to it the current conversation and then stop recording automatically after the Post push amount of time. That way you record clips for the discussion points that you know are going to be short and you do not have to remember stop recording.

2.1.3 Delete all clips:

This is a way for you to delete all files recorded by LivePVR when you exit LivePVR. IF you are using LivePVR extensively, you may be creating many files and then moving them to other folders. In that case, you will need a faster way to delete the files that still remain in the LivePVR folder.

IMPORTANT

If you set this option, then when you select Exit from the menu, all files in LivePVR recording folder will be automatically deleted. So, you must have transferred the files to the PC before checking this option in LivePVR.

2.1.4 Recording Quality:

You can select the recording quality here from the list provided:

1. 8KHz Mono 8-BPS.
2. 11KHz Mono 8-BPS.
3. 11KHz Mono 16-BPS.
4. 11KHz Stereo 8-BPS.
5. 11KHz Stereo 16-BPS.
6. 22KHz Mono 8-BPS.
7. 22KHz Mono 16-BPS.
8. 22KHz Stereo 8-BPS.
9. 22KHz Stereo 16-BPS.
10. 44KHz Mono 8-BPS.
11. 44KHz Mono 16-BPS.
12. 44KHz Stereo 8-BPS.
13. 44KHz Stereo 16-BPS.
14. GSM 6.10.

Please note that the higher the quality, the more program memory is required so the pre-push and post-push time is automatically reduced by a factor of 2 for each higher quality you select.

GSM quality however produces the lowest file size.

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3.0 Phone call PVR Functions:

When you select Phone Call PVR function from the main screen, the following screen is displayed.

(Main screen) (Phone call PVR screen)

Auto Record Calls – If selected will record all calls made or received by the phone as long as LivePVR is running in memory.

Record Next call – If selected will record next incoming or outgoing call and then reset itself.

3.1 How to Record Phone calls:

1. In order to record Phone calls, you must have selected one of the 2 options on the screen i.e. "Auto record calls" or "Record next call" and make sure the screens look like one of the ones below:

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2. You can leave the program screen on or use the Back button and then from the main menu minimize the application.

3. Any calls that come in or made from your phone when these options are selected will be automatically recorded.

3.2 Reviewing the recorded files:

The "Locate File" option on the Phone call PVR screen allows you to see a list of files recorded by LivePVR Phone call PVR. Files are stored in sub-folders named after the phone number or the contact name under the following folders:

The files are stored in the following directory:

1. Storage Card\LivePVR\Phone Calls\<phone number or contact name> if your phone has a storage card.
2. My Documents\LivePVR\Phone Calls\<phone number or contact name> if your phone does not have a storage card

There is no option in the program at the moment to change the directory where the files can be stored.

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You will notice that the phone calls are named with a prefix of "P" followed by the phone number or contact name, whether it is incoming/outgoing call, date and time of the call.

2 menu options "Play" and "Delete" option is available.

Play – will play the selected file in Windows mobile media player
Delete – will delete the file from the device.

Back button allows you to go back to previous screen.

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4.0 Meeting notes PVR Functions:

Meeting Notes PVR allows you to record meeting clips. The configurable rolling buffer allows you to start recording from certain seconds before you pressed the record button.

Select Meeting Notes PVR from main screen to access this function.

Timed Capture – is automatic stopping of recording the clip. The Clip will start from the pre-push time (i.e. seconds before the Timed capture button is pressed) and will continue till post-push amount of time has elapsed.

For example, if pre-push is 30 seconds and post-push is 30 seconds then the length of recording will be 60 seconds.

4.1 How to record meeting notes:

1. At the beginning of the meeting you will start the rolling buffer by selecting Start meting. The Start meeting button will turn RED as shown below.

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(Meeting Notes PVR screen)

(Meeting Started screen)

The Start Meeting button changes to End Meeting. You will select End Meeting to stop LivePVR from buffering in the rolling buffer.

Starting meeting will mean that you will always have in the buffer last few seconds of meeting proceedings. The number of seconds is a parameter in the Settings screen that you set.

2. Then whenever you need recording a clip, you will either select the timed capture option or Manual Capture Option and the corresponding button will turn red.

(Timed Capture)

(Manual capture)

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Timed capture allows you to record the buffer data to a file containing previous few seconds of conversation (amount of seconds as set in pre-push time in settings screen) and then continue to record till Post–push number of seconds elapses (also defined in settings screen). Because the recording will stop automatically, no action is needed from you.

Manual Capture will allow you to record to file the data in the buffer but continue recording after that till you select the End Recording button again and see it turn black.

3. If you selected Timed Capture, recording will automatically stop after the post push time. If you selected Manual Capture, you will have the select End Recording to stop recording.

> ➢ *You can also select timed capture and manual record anytime without doing start meeting. In that case, start meeting will be automatically selected however there will be no data in the pre push buffer so the conversation before you selected the key will not be recorded.*

4.2 Reviewing the recorded files:

The "Locate File" option on the Meeting Notes PVR main screen allows you to see a list of Meeting notes recorded by LivePVR. The file names that start with M indicating that it is a Meeting Notes PVR File.

Files are stored in sub-folders named after the meeting and the name is in the form of date and time of meeting.

The Meeting Notes PVR files are stored in the following directory:

1. Storage Card\LivePVR\Meeting Notes\<name of meeting> if your phone has a storage card.
2. My Documents\LivePVR/Meeting Notes\<name of meeting> if your phone does not have a storage card

There is no option in the program at the moment to change the directory where the files can be stored.

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You will notice that the files are named with a prefix of "M" followed by the date and time of the meeting, followed by a number. Number is added to the file name since during a meeting you might have captured multiple notes.

2 menu options "Play" and "Delete" option is available.

Play – will play the selected file in Windows mobile media player
Delete – will delete the file from the device.

Back button allows you to go back to previous screen.

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5.0 Voice Recorder Functions:

Voice Recorder can be used to record voice at anytime similar to any voice recorder application.

5.1 How to use Voice Recorder:

1. When you select the Start record button, the recording will start and End record key will become active.
2. You will need to select End record to stop recording. A voice clip file will be generated by the application.
3. You can select the "Locate File" option to find the recorded file.

5.2 Reviewing the recorded files:

The "Locate File" option on the Meeting Notes PVR main screen allows you to see a list of Voice clips recorded by LivePVR. The file names that start with V indicating that it is a Voice clip.

Files are stored in sub-folders named after the meeting and the name is in the form of date and time of meeting.

The Voice PVR files are stored in the following directory:

1. Storage Card\LivePVR\Voice Clips if your phone has a storage card.
2. My Documents\LivePVR\Voice Clips if your phone does not have a storage card

There is no option in the program at the moment to change the directory where the files can be stored.

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You will notice that the files are named with a prefix of "V" followed by the date and time of the recording.

2 menu options "Play" and "Delete" option is available.

Play – will play the selected file in Windows mobile media player
Delete – will delete the file from the device.

Back button allows you to go back to previous screen.

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6.0 Common Operations:

Following section outlines the common functionality in all the PVR Screens.

6.1 Locating Recorded files:

To locate recorded files, a "Locate File" menu option is provided in all the PVR screens and it is also provided in the Main screen. When selected from the individual PVR screen, it displays a list of files for that particular PVR with an option to see other PVR recorded files. When selected from the main menu, it displays list of all files and gives an option go to other tabs to view individual PVR recorded files.

Following screen will give an idea on how recorded files are displayed:

(All clips tab)

(PhoneCalls tab)

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(Meetings Tab)

(Voice Clips tab)

In each of the screen, 2 menu options "Play" and "Delete" option is available.

Play – will play the selected file in Windows mobile media player
Delete – will delete the file from the device.

Back button allows you to go back to previous screen.

7.0 Syncing LivePVR Files to Windows PC:

LivePVR package contains a Windows application to help you Sync LivePVR recorded files to your Windows PC. This program is already installed as part of the automated installation program and available as a Shortcut in start menu.

7.1 Syncing Files:

Start the LivePVR sync application by running it from the Start menu using Start->Softtrends LivePVRc->LivePVRSync. The following screen will be displayed:

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Notice the "Device is Connected" messages at the bottom of the screen. If you do not see a device connected message like this for your phone, LivePVRSync was not able to access your device and you will not be able to do any operation.

> ***IMPORTANT***
> *LivePVRSync uses Active Sync functions to access the files on the device. Make sure that you have Active Sync installed on the PC and it is able to detect the device.*

7.1.1 Browsing LivePVR Files:

LivePVRSync will show you the files under 4 different tabs "All Files", "Meeting Note files", "Phone Call files", "Voice Files"

All Files TAB
"All Files" tab as shown above will show you all the LivePVR recorded files that are on the device.

Phone Calls TAB
This will show you all Phone Call recordings that are on the device and the screen will look like the following:

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Notice that phone call files are organized in a specific directory structure. The sub-directories under which the files are located will have the name as the Phone number of the caller or the Contact name. Once you expand it, the phone calls recorded for that caller will be listed.

Meeting Notes TAB

This will show you all Meeting Notes recordings that are on the device and the screen will look like the following:

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Notice that Meeting Notes files are organized in a specific directory structure. The sub-directories under which the files are located will have the name as the Meeting Date and Time. Once you expand it, the Meeting Notes recorded for that caller will be listed.

Voice Notes TAB

This will show you all Voice Notes recordings that are on the device and the screen will look like the following:

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Notice that Voice Recording files are directly under the Main LivePVR directory and not organized under any specific sub-folders.

7.1.2 Copying LivePVR Files:

The process to copy files is the same in all the screens.

First you have to select files to copy/move by clicking on the individual Boxes before the file or clicking on "Select All" or "Deselect All" option at the top of the screen.

The you select the "Copy" or "Move" option from the file menu as shown in the screen below.

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IMPORTANT

"Move" will move the files from the phone to the PC so the file will be deleted from the phone. Copy will leave the files on the Phone after copying to the PC.

Once you select "Copy" or "Move", the destination selection dialog will appear as shown below.

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Select the folder that you want the files copied/moved to and select Ok. You files will be copied or moved to the selected folder.

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