Call Recorder Oygo
Manual
V2.0
VC1998

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1 Introduction

The Call Recorder Oygo is a software application to record and archive telephone calls on a PC. It is a PC application for headsets with streaming audio possibilities.

Every gigabyte of free disk space allows you to record up to 180 hours of conversation on your hard disk.
The Call Recorder Oygo can record from a desk phone, mobile phone with Bluetooth connection and a softphone, depending on the kind of headset connected.

Recordings are stored in a comprehensive archive. The archive is displayed on your computer screen as a list of recordings. In the list the recording properties like date and time of the recording are stored with the actual recording and can be viewed in the archive. Queries can be made to get a clear picture of the amount of recordings or to find a specific recording quickly.

> **NOTE** To record calls using the software, the software needs to be activated first
>
> Oygo stores all recordings on your PC. For it to make a recording it is necessary that the PC is on and the software is running.

Call Centre use

This call recorder can be used in small businesses where one telephone line is connected, but it is also possible to use Oygo with every headset in a Call centre.
For the use of Oygo in a Call centre an API can be installed through which Oygo and the Call Centre's software can work together.
Read Appendix A to find out more about this API.

2 Getting started

The Call recorder Oygo is set up in a sequence of steps. The following paragraphs will describe the steps involved. They are:

- Connecting the headset to the telephone
- Connecting the headset to the PC
- Oygo Software installation
- Set up of the software

2.1 Hardware installation

Depending on the kind of telephone you want to record from, the headset is connected to the telephone line or the telephone handset. The headset should also be connected to your PC by USB.
Please refer to the manual or quick guide of your headset for more information on the installation of the headset.

Configuration of the headset for recording
To record from an audio source, such as a headset, the audio source must be available on the PC as an audio recording device. In which case it will be listed in the Devices drop-down box on the Devices screen of the Oygo software. Not all headsets present their audio as an audio recording device on the PC. Depending on the type of headset, it might be necessary to make changes to the configuration on the headset base station, to make the audio source available.

Configuration of the headset
Make sure that the headset base station is connected to the PC, for example using USB. If there is an option in the headset base station to enable recording, enable this option. It might be necessary to enable the Soft Phone functionality on the headset base station, to make sure an audio recording source is available on the PC. For details about how to configure your headset, consult the manual of the headset that is used.

Warning: Installing the headset can make it the preferred sound device of your computer. If you have a soundcard in your system and you use it for other applications it is advised to restore your original sound device as preferred device. To restore your original sound device (your soundcard) as preferred, please follow these instructions:

- Click "Start" and select the Control Panel.
- Select "Multimedia" or "Sound and Multimedia"

- Select the Audio tab-page.
- Now select your preferred device for playback.

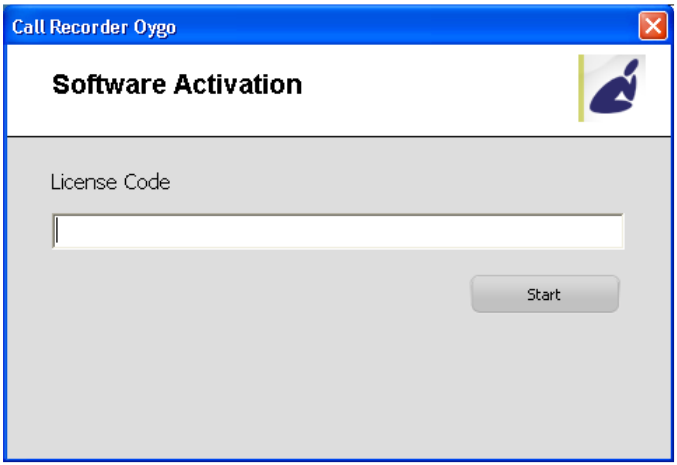
2.2 Software installation

Place the CD-ROM in your computer and the software installation starts automatically. If the installation is not started automatically, locate the file 'CROygoInstaller.exe' on the CD and start it by double-clicking. Follow the instructions on the screen.

- Select your preferred language for the installation.
- You are prompted to accept the software license agreement.
- Only then you can proceed with the next steps of the installation:

You will be asked:

- to confirm the location on your hard drive where the software will be installed
- specify a location for the data files
- whether you want a desktop icon for the application
- When the software is started for the first time, the software activation screen will be displayed.



An internet connection is needed to automatically activate the Oygo software. To activate the Oygo software, fill in your License or Serial Code and press the Start button. The Oygo software will contact the licensing server, and verify the license. If successful, the software is activated and ready for use. When no connection could be made to the

licensing server, information will be presented to activate the software off-line.

Once the software is activated on the PC, the same license code cannot be used to activate the software on another PC. If you want to move your license from one PC to another, you must first deactivate the license on the first PC. This can be done in the License section of the Setup screen.

2.2.1 Software configuration

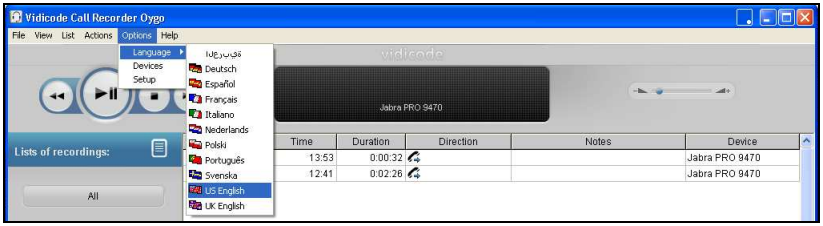
When you start the software for the first time, with the new headset installed, the **Device list** will open.
Make the connection and recording settings there. See Device settings §3.2.
Restart the Oygo software after connecting the headset in case you have installed the software before connecting the headset.

3 Options menu

3.1 Language

Oygo software is translated into a number of languages. It is possible to change the display language at any time.

- Select your language and click.



3.2 Device settings

Following the description in the previous paragraph, start the software and open from the **Options** menu the **Devices** screen.

To the left you will see a list in a drop box of the available audio devices. The headset you are using should show up in the list.
Select the headset as audio device, and then change its settings.

3.2.1 Basic

Device name
The device shows up with its Windows Device name, it is possible to change the device name.

- Enter a name for the device in the 'Device name' field.

Recording Channel
Some recording devices have more than one recording channel. Select the recording channel that contains the audio data that you want to record. The recording channel might have a generic name, such as "Master volume", or a specific name, such as "Headset".

Enable recording by this device
If you want Oygo to record, this checkbox should be checked (it is by default). At some point however, it could be necessary to disconnect

Oygo. Use this checkbox to disable recording from the device, without having to physically disconnect it.

- Check the "Enable recording by this device" checkbox

Once the device is enabled, other options can be set.

3.2.2 Start / Stop

Start / Stop a recording

There are four possibilities:

- Automatic: The software automatically starts recording when it detects that the telephone is off-hook, based on the audio level. It is necessary to adjust all settings in this dialogue.
- Semi-automatic: The software detects when the telephone is off-hook or on-hook, but it does not start a recording automatically. You can choose to start a recording when the telephone is off-hook, by clicking the Record button in the Oygo. Only adjust the Pre-recording period in this dialogue
- Manual: You choose to start and stop a recording manually. Recording can be started and stopped from the Audio screen. Recording can also be started from the Active dialogue. Only adjust the Pre-recording period in this dialogue.
- Automatic (on/ off hook only): The software automatically start recording when it detects that the telephone is off-hook, based on on-hook signals only, and not on the audio level. This is not possible for all types of headsets.

About Voice activated recording

Voice activated recording is used when recording from the Handset. This option is used when recording from a digital telephone.

The principle of voice activated recording is quite simple. Oygo software constantly monitors the connected devices for their audio level. When the telephone is not used the audio level is close to zero. When a telephone conversation is started the software will detect an elevated audio level. The **Start/Stop level** setting is used to determine the audio level above which recording should be started. The recording will be stopped again when the audio level drops below the Start/Stop level. However, the recording should not stop instantly. During telephone calls it is possible that the audio level drops below the Start/Stop level for a certain amount of time, for instance when the caller is put on hold or when the caller mutes the phone. Therefore, the recording needs to be stopped only after the audio level has dropped below the Start/Stop level for a certain amount of time. This amount of time is set by the **Stop**

time. The settings of the Start/Stop level and the Stop time are crucial to the performance of reliable voice activated recording.

Automatic recording start/stop audio level
If the audio level is above the level specified here, a recording will be started.

Stop recording after audio is below stop level for ... seconds
Specify the number of seconds you want Oygo to go on recording after the audio level is below the automatic recording start/stop level.

Pre-recording period
When you manually start a recording it is possible to have the software start the recording a little earlier then you actually press the button by setting the 'Pre recording period' which defines the amount of time.

3.2.3 Volume

Recording Volume
Here is where you set the recording volume. It is dependent on the make of the telephone whether it should be high or low.

Automatic Gain Control (AGC)
AGC amplifies all audio signals to one specific level.

- Set the minimum level using the second (lower) slider.

The slider sets the Minimum level to boost, i.e. audio (background noise) that stays below this level will remain unaffected (not amplified) by the AGC. Audio that rises above this level will be amplified to the Maximum level.

Try to find a setting where both the local and remote voices are amplified without the background noise being amplified.
If during playback the sound seems intermitted or contains gaps the Minimum level is probably set too high. If there is a lot of background noise during playback the Minimum level is probably set too low.

3.2.4 Extra

Sound on speaker while recording
This is a Monitoring option.
When this option is enabled, the recorded sound is put on the PC speakers automatically when a recording starts, and is stopped automatically when the recording stops. This option allows for supervisors in an other room to listen in on the conversation that is

taking place. As the sound is not real time it is not advised to enable this option when the telephone and the PC are in the same room. This option can also be activated on the 'Audio' tab and the Actions menu.

3.3 Setup

3.3.1 Playback

To Playback any recording the **Device** and **channel** must be selected from the list. Commonly the computer's soundcard will be used as device and the channel can either be WAVE or PC Speakers. The play back **Volume** can be adjusted with the slider. Make sure that when you use the PC speakers for playback the PC volume is **'on'** as well.

3.3.2 Recording

A number of recording settings is common for all the connected devices. These settings are displayed here. Settings specific for a connected device, are displayed in Device options.

3.3.3 License

The software displays the license status.
To be able to move the license from one PC to another, the license needs to be deactivated on the original PC.

- Click the Deactivate button.

Use the original license code on the second PC to activate the software again.

Type
Type displays all Codecs available. One of the Codecs of your PC is used to encode recordings. The Microsoft GSM Codec is present on most PC's. It offers a good balance between recording quality and required storage space. Therefore, if available, this Codec is selected as a standard.

> **Note**: The Fraunhofer MPEG Codec (as available on Windows) should not be used when recording from multiple Oygo devices, because this Codec supports only one recording at the time. The Microsoft GSM Codec does not have this limitation.

Frequency
Choose between a sampling frequency of 8 kHz (the default), or 16 kHz. A higher sampling frequency gives a higher quality recording, but uses more disk space.

Attributes
Attributes shows the various options of the selected Codec for the selected frequency. If it is empty, recording in the selected Codec at the selected frequency is not possible. Another Codec or frequency should be selected.

Minimum Duration
Minimum Duration refers to the minimum duration of a recording for it to be stored. A standard setting would be 5 seconds. Recordings shorter than the set Minimum duration will not be stored.

Ask to store
When "Ask to store" is enabled, you will have an option to cancel a recording when it is finished. The "Ask to store"-dialog has a field to add Notes to the recording.

3.3.4 Data storage

The database in which the recordings are stored has to be put in a logical place. This could either be on your PC or on the Network.

- Click Browse to select the storage location of the database.

3.3.5 Start -up

Because Oygo software needs to be running to store the recordings, it is advised to enable the option **'Start up with Windows'.** When the PC starts, it will automatically start Oygo software. The option 'Start in System tray' can be enabled if you do not want the software to be displayed on screen. The system tray on a PC is positioned at the lower right corner of the screen. On it all applications running in the background are visible as an icon.

It is possible to check both Start up **With Windows** and **In System Tray**. In that case the application will start at startup of your PC and will be moved to your system tray immediately.

When a recording is started, the application 'wakes up' and will show a red dot in the system tray. To get the application on screen when it is not recording

- Click the Icon in the System tray

3.3.6 Security

It is possible to protect the Oygo application with a **password**. Deleting of recordings and settings of the program can be protected separately.

- Check the item you want to protect..
- Enter the password.
- Click 'Apply' to save the password.

Upon deleting a recording or entering the settings the user will be prompted to enter the password. Once entered the password remains active for 10 minutes.

3.3.7 Display

The recordings made with Oygo are stored in a database. The setting Visible Columns allows you to select which columns are displayed.

The option 'Auto size columns' can be checked if you want the columns in the list view to adjust to the screen size automatically.
'Restore out of the System tray when a recording starts' should be checked if you want the application to be on the screen the moment a recording starts.
The option 'Activate Audio tab when recording starts' can be checked if you want the application to automatically open the Audio tab the moment a recording starts. On the Audio tab you will the 'Start monitoring' button. See §4

After finishing the settings

- Click Apply to save all changes.

4 Playback and recording

In this section the functions of the Playback and recording controls will be explained.

4.1 Normal playback

Select a recording and click the Play button to play it back, or double-click on a recording to play it, or right-click on it and select Play.

4.1.1 Playback and recording control display

To play back a recording:

- Select a specific recording in the archive
- Use the recorder keys to start playback.

or

- Double-click the recording

The recorder key functions resemble the ordinary recorder key functions.

A: Moves the playback position **backward**. Keep the key pressed to repeat and increase speed.
B: **Start or pause** the playback of the currently selected recording.
C: **Stop** the playback or recording.
D: **Start** the recording. This button is not visible when recording is started automatically
E: Moves the playback position **forward**. Keep the key pressed to repeat and increase speed.
F: **Information** about the current playback or recording is displayed here. Click on the progress bar to move to a specific position in the playback.
G: Controls the playback **volume**.

4.1.2 Hotkeys

Key	Function
Ctrl + R	Start Recording
Ctrl + P or Spacebar	Play / Pause
Ctrl + L	Stop
Ctrl + U	Backward
Ctrl + I	Forward
F8	Play notification message

4.2 Automatic recording.

If you have chosen to automatically record all calls, (see § 3.3.2) it is still possible to stop a recording by clicking the Stop button in the software.

4.3 Manual recording

If you have chosen to record manually or semi-automatic (see § 3.3.2) you have to activate Oygo to start recording. This can be with the recorder keys in the software.
To record a call manually:

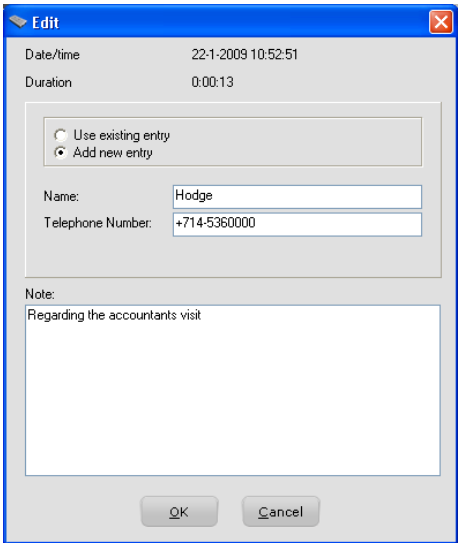
- Click the record button in the software

4.3.1 Adding notes to a recording

Once a recording is made, it is possible to add additional information like the caller's name, number and some text.

- Select the recording you want to add the information to
- Right click.
- Choose 'Edit'

A dialog opens like the one shown below:

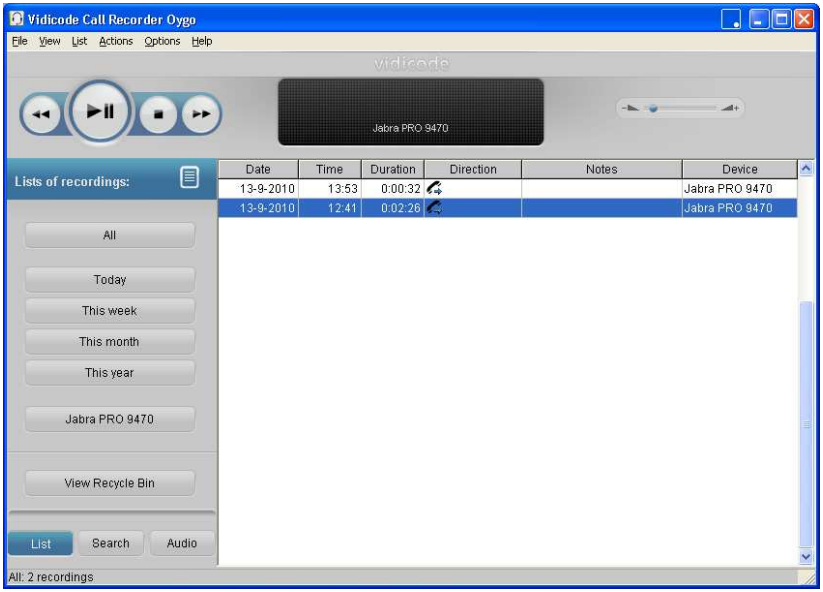


- Choose ‘Add new entry’ if the information you want to add is new.
- Enter the new information
- Choose ‘Use existing entry’ if the information (like name and number) you want to add already exist in the database.
- Select from the drop down
- Click OK when finished.

The new information appears in the list instantaneously

5 Layout of the software

When the software is started the program looks like this:



These are the items on the main screen:

- The main Menu (at the top)
- The playback and recording controls (at the top)
- The buttons on the left
- The three tabs: List, Search, Audio at the bottom left
- The list of recordings (the large remaining area)

5.1 Main Menu

The main Menu gives access to File, View, List, Actions, Options and Help. In this chapter we will explain the menu options.

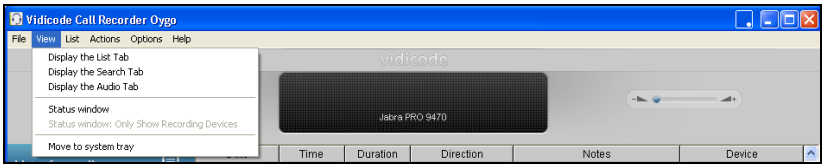
5.1.1 File

The menu item 'File' has three options. New, Open and Exit.
'New' will start a new call archive. This means that the database will be created in which the recordings will be stored. A dialogue opens in

which you are asked to specify the location of the new database folder. The new Archive can be located on your PC or on the network.
'Open' allows you to open an existing archive (database). This can be an archive on the PC or on the network.
'Exit' closes the application.

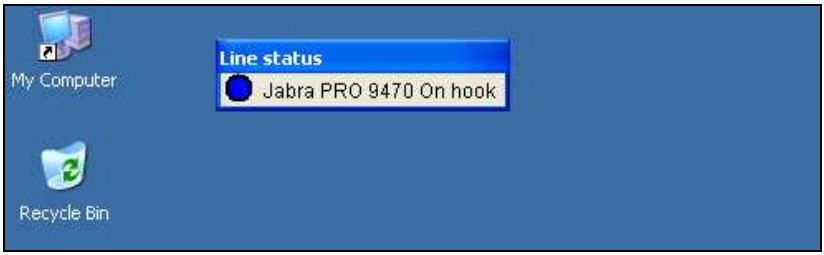
5.1.2 View

The View menu has six options: 'Display the List Tab', 'Display the Search Tab's, 'Display the Audio Tab', 'Status Window', 'Status window: Only show recording devices' and 'Move to system tray' (see also §3.3.5).



The 'Display…' options open the corresponding Tab to the left of the List view in the main screen.

The option 'Status Window' view puts a small status window on top of all other running applications in which the status of the connected device is shown.



'Status window: Only show recording devices' is an additional option to Status Window, where the active window will only be visible when Oygo is recording.

> **Note**: Clicking the 'dot' in the status window either starts of stops a recording.

The option 'Move to system tray' puts the active application in the system tray. The system tray on a PC is positioned at the lower right corner of the screen. On it all applications running in the background are visible as an icon.

The application is activated and back on screen the moment a recording starts, if you chose Automatic recording and checked the checkbox 'Restore out of system tray…' in Options – Setup – Display. If you have chosen the Manual recording option, you will have to bring the application back on screen as described below.
To retrieve the application from the System tray

- Click the Icon once

Or

- Right click the icon in the System tray and
- Choose ´Show´.

5.1.3 List

Recordings are saved to a database. In the software this database is referred to as Archive and shows as a list in the main screen.

The List Tab shows the buttons with which you can select from what predefined timeframe you want to see the recordings in the List view. 'All', 'Today', 'This week', 'This month', 'This year' and 'View Recycle Bin')

The actual list of recordings on the right changes with the selection you choose. To view a list of the complete database, click the All-button in the List tab.

Clicking the Column headers will sort the list by that column. i.e. if you want to see all outbound calls, click the column header 'Direction'. The calls will be grouped by direction 'in' or 'out'.

5.1.4 The Recycle Bin

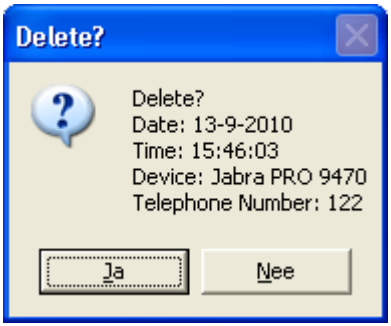
The Recycle Bin resembles the Windows Recycle Bin. To put recordings in the Recycle Bin:

- Select recordings in the archive and
- delete the recordings with the Delete key on your keyboard.

A dialogue opens asking you to confirm the deleting.
or

- right click and choose 'Delete'.

A dialogue opens asking you to confirm the deleting.



- Use the SHIFT + Delete keys to permanently delete a recording without moving it to the recycle bin first.

The deleted recordings end up in the Recycle Bin. They are still in an archive. To Permanently delete the recordings:

- Press 'View Recycle Bin'
- Select the recordings you want to delete permanently
- Right click and choose 'Delete'.

A dialogue opens asking you to confirm the deleting

To permanently delete all recordings in the Recycle Bin

- Open the Actions menu
- Go to Recycle Bin
- Choose ' Empty'

Recordings can be restored to the database
To restore recordings:

- Click 'View Recycle Bin' in the List view
- Select one or more recordings you want to restore
- Right click
- Choose restore.

Or

- Open the Actions menu
- Go to Recycle Bin
- Select one or more recordings you want to restore
- Choose ' Restore'

Or

- Open the Actions menu or click 'View Recycle Bin' in the List view
- Go to Recycle Bin
- Select one or more recordings you want to restore
- Right click

- Choose restore.

5.1.5 Action

In the Action tab, you can Back up the recordings to CD, Import a back up from CD or from the network, Export actual recordings, Start / Stop the Monitor function, Play a notification message, Playback online and view Sub archives.

To CD
This function is used to back up an entire database or a selection of recordings on CD.

> **Note** that you need to use a separate CD-writing application for actually writing the files to CD.

If you do not want to burn the entire database on CD

- Use the Search Tab to make a selection of the recordings you want to back up on CD.
- Go to the Actions menu and
- Choose To CD.

A dialogue opens. If you want to copy the entire database on CD the options ' Selection' and ' Active Query' are greyed out.
If you have made a selection of the database, the radio button 'Selection' will be active.

- Browse to the location where you want to store the Export directory, using the 'Browse…' button, this can either be on the PC or on the network.
- Adjust the maximum size if needed.
- Click OK

If you back up more data than the 'maximum' size, multiple directories will be created as needed for multiple CD's.

Import will also open a dialogue in which you can select the directory from which you want to import a back up.

- Select the database and click OK to import it.

Export
Using the radio buttons select if you want to export the current selection or the whole query.

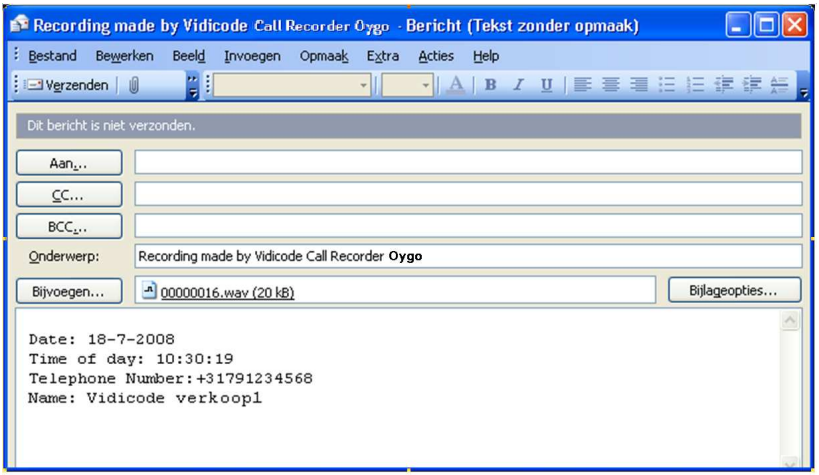
The Export directory is the storage location. The location can be changed to your convenience.
Recording properties can be preserved in the filename of the recordings: You can add a 'placeholder' in the filename that will be automatically filled in. These placeholders start with a percent sign (%) followed by a character. The following placeholders are available:

%**I** is the number of the recording
%**D** is the date of the recording
%**T** is the time of the recording
%**N** is the name associated with the recording

- Press **OK** to execute the export.

E-mail
It is possible to send a single or a selection of recordings using e-mail.
- First select the recording you want to send by e-mail.

There are two ways to start an e-mail.
- Open the Actions menu and choose 'e-mail'. An e-mail dialogue opens to which the recording is attached. The recording data is displayed in the e-mail.
- Enter the receivers name and send.
- The second possibility is to select a recording, then right click and choose 'e-mail'.



Sub archives
It is possible to combine separate Archives into one new Archive.
The new Archive will be the 'Current.

For example, a Supervisor may have access to a set of Oygo Archives. These Archives should be on an accessible location for the supervisor like a network drive. The combined Archive is created by copying new recordings from the 'Sub Archives' to the 'Current Archive'.

To define which Sub Archives you want to access,

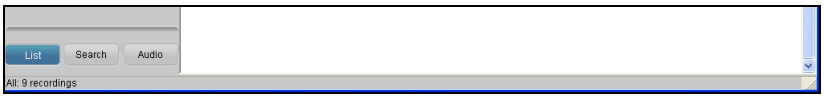
- Select Add, and browse to the location of the Sub Archive.
- Choose whether you want to copy the recordings manually, (click "Copy new recordings from Sub Archive" or automatically (check the "Auto Copy" box) .

To delete a Sub Archive,

- Select Delete.

New recordings will no longer be copied from the deleted Sub Archive,. Previously copied recordings stay in the Current Archive.

5.2 List, Search and Audio buttons



5.2.1 The List button

The List button displays the List view. To the left are the buttons with which a selection for the view can be made. To the right, the main screen, displays the (selection from) current archive.

5.2.2 The Search button

In the Search tab, you can define a Search. A Query based on a recording's date, week, time of day, duration, device, telephone number, name or notes.

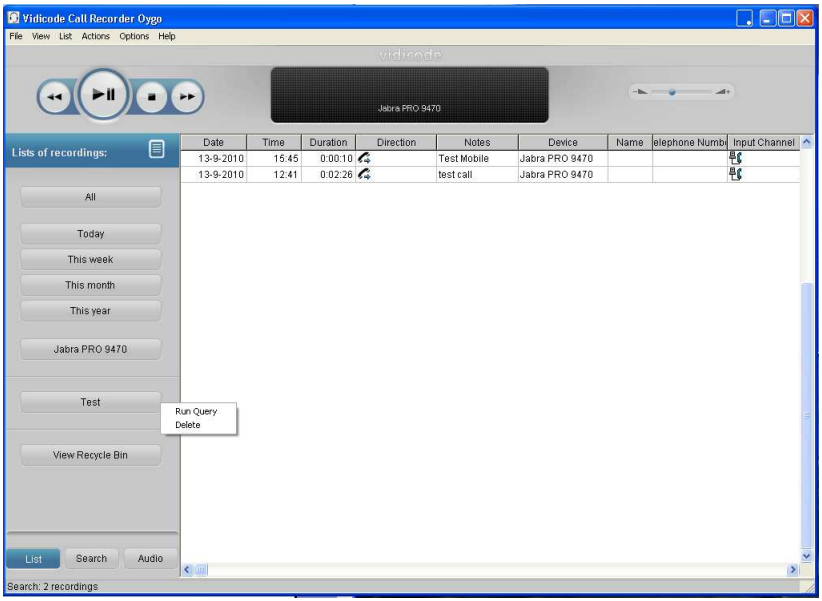
- Click on the + in front of the properties you want to use in your query (one or more) and fill in the range or name, then click Search.

Save a query

Custom queries can be added to list for regular execution.

- Click on the property to expand it, fill in the required values or value range.
- Click Search to display the result of the search. An extra button has appeared on the menu to the left, the 'Save Search' button.
- Clicking this button will open a dialogue in which you can specify a name for the query. A shortcut to this query will be added to the List Tab.

The custom query can be removed by right clicking the button. Choose 'delete' to delete the query.



5.2.3 The Audio button

The Audio button is a shortcut to the Audio options. It is possible to set the software up to open the Audio Tab on receiving a telephone call. The Audio tab has the option Start Monitoring.

Start Monitoring
This option allows for supervisors in an other room to listen in on the conversation that is taking place. As the sound is not real time it is not advised to enable this option when the telephone and the PC are in the same room. This option can also be activated on the 'Audio' tab and the Actions menu.

6 Problem solving

6.1 Restoring your soundcard

After installing the headset and Oygo, the headset could be the preferred sound device of your computer because it is the last device added to your configuration. If you have a soundcard in your system and you use it for other applications it is advised to restore the original sound device as preferred device again. This is done as follows:

- Click Windows **Start** in the lower left corner on the taskbar in your computer screen
- Select the "Control Panel".
- Select "Multimedia" or "Sound and Multimedia" / "Sound, speech and Audio Devices"
- Select the **Audio** tab.
- Select your preferred device for playing and recording.

WARNING: If you do not restore your soundcard as preferred audio device there is a chance the sound of games and other applications will no longer work. If you change the USB-port the Headset is plugged in to, you may need to repeat restoring your soundcard.

6.2 Problems setting the Start/Stop level

The following symptoms could occur when the Start/Stop level is not set properly.

When the level is set too low (to the left) it is possible that recording starts too early, or Oygo is recording all the time, resulting in empty recordings.

When the level is set too high (to the right) recording will start too late resulting in calls not being recorded or calls being split up over two or more recordings.

6.3 Problems setting the Stop time

The following symptoms could occur when the Stop time is not set properly.

When the Stop time is set too low, recordings of calls are cut off prematurely, or calls are being split over two or more recordings.

When the Stop time is set too high, there is a chance that more calls, especially calls shortly after each other, are recorded as one recording.

6.4 Problem with playback volume slider

If you move the volume slider and nothing happens, it is possible the software chose the wrong channel for playback. This could occur if the name of the channel on your soundcard is not the same as the name of the channel chosen by the software.

- Go to **Options** – **Devices** and change the "**Recording Channel**".
- Choose a channel with a name similar to WAVE or Speaker or Master Volume

6.5 Problems with high Start level

In some digital telephones the handset is not switched off or muted after hanging up the telephone. When ON the handset microphone might pick-up surrounding noises. As a result, Oygo would record all the time.

If this is the case, the only way to set up Oygo is to start a recording manually from the software.
This problem also occurs with some headsets.

7 Software Update Online

Oygo software has the ability to check for software updates and to download them from the internet.

- Choose **Help** in the menu
- Select Check for update.
- Click Check Update

The fixes of the last update are displayed.

- Press **Download** to start downloading the update.
- When downloading is finished the new version will be installed.

For this function an Internet connection is required.

8 Acknowledgements

8.1 Privacy

When recording telephone conversations the privacy of your conversation partner must be considered.

In some countries there is an obligation to notify your conversation partner of the recording. Check your national legal obligations on this and other issues concerning the use of the Call Recorder.

Vidicode is not a source of official interpretation of laws of any country or state, and shall not be construed as a source for making decisions whether to provide notification or not. Vidicode assumes no liability regarding incorrect notification of call recording.

8.2 Liability

Correct functioning of Oygo cannot be guaranteed under all conditions and thus we do not accept any liability for loss of information or other damages due to the use of the Call Recorder Oygo.

Appendix A

The Call Recorder Oygo has an 'automation interface' with which developers of for instance Call centre software can control the Oygo software. This means that Start and Stop of recordings and Archive location can be controlled by external software.
The ActiveX automation server is called **SCR.Recording**. The following functions are available:

- **SetPreStartPeriod(Seconds : int)**
  Add a number of seconds before the StartRecording signal to the recording when available. Maximum is 30 seconds.
- **StartRecording(DeviceId : int, FileName : string)**
  DeviceId 1 is the first enabled Oygo device, FileName is the file where the recording must be stored.
- **StopRecording(DeviceId : int)**
  Stops the recording.
- **State(DeviceId : int)**
  State returns:
  0 when recording not active
  1 when recording is active
  -1 when device-id is invalid
- **LastDuration(DeviceId : int)**
  Returns the duration of the last recording.

One recording device must be enabled in Oygo software and set to *manual* recording (not automatic) in the Devices options.

Example Visual Basic Script: (example.vbs)

```
sub TestOygo()
    ' When Oygo software is not started, it will be started.
    set obj = WScript.CreateObject("SCR.Recording")

    ' wait until user clicks Ok
    ' State returns 0 when recording not active,
    '           and 1 when recording is active
    '          and -1 when device-id is invalid
    msgbox "Oygo is started. State: " & obj.State(1)

    ' Add a number of seconds before the StartRecording signal
    ' to the recording when available.
    ' Maximum is 30 seconds.
    obj.SetPreStartPeriod 30

    ' Start recording
    ' The first parameter is the device id
    ' 1 = the first enabled recording device
    obj.StartRecording 1, "C:\test_Oygo_output.wav"

    ' wait until user clicks Ok
    msgbox "Oygo started recording. State " & obj.State(1)

    ' Stop the recording
    obj.StopRecording 1

    ' The output file is now created
    ' (even if the duration is shorter than the minimum duration
specified
    ' in the settings)

    ' wait until user clicks Ok
    msgbox "Oygo stopped recording. State " & obj.State(1)

    ' Retrieve the duration of the last recording
    msgbox "Duration: " & obj.LastDuration(1) & " seconds"

    ' When Oygo was started by the script, it is closed at this point
end sub

' call sub TestOygo (see above)
TestOygo()

' wait until user clicks Ok
msgbox "exiting"
```

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