User Manual

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General Information

For information on starting VAMIX and the basics of VAMIX, refer to the README.txt included in the original VAMIX .zip file.

The VAMIX system does not operate on non-Linux systems and requires the avconv library and java capability on the computer running this application.

This user manual will guide you through the different buttons and operations this tool can complete. This will explain what each button/text area/other is and will explain its basic operation, and also explain the purpose of each panel. Each panel can only complete one action at one time, so you can complete multiple operations across multiple panels at one.

In case of failure

If failure of VAMIX has occurred, such as it created a broken file, try to run the process again. If this does not create a valid file, please refer to the correct section of this manual.

If the VAMIX system crashes, please restart VAMIX and try the process again. This may be a computer fault and not a VAMIX system fault.

If you cannot find the answer to your problem in this manual or the README.txt file, then refer to the final section of this User Manual.

Open Panel

The open panel is there to open a file from your computer. It is best that the file is in the same location as the VAMIX.jar as this will be where output files are also saved. The file selector will pop up, and the file selected will be put into the play window ready to play/pause etc… There will also be the text of the file name displayed after entry.

Possible issues

This VAMIX system was mainly created for .mp4 files and similar, so you may come across some file types that are not accepted yet are video files. We are sorry for this, but it is an issue with strange file types.
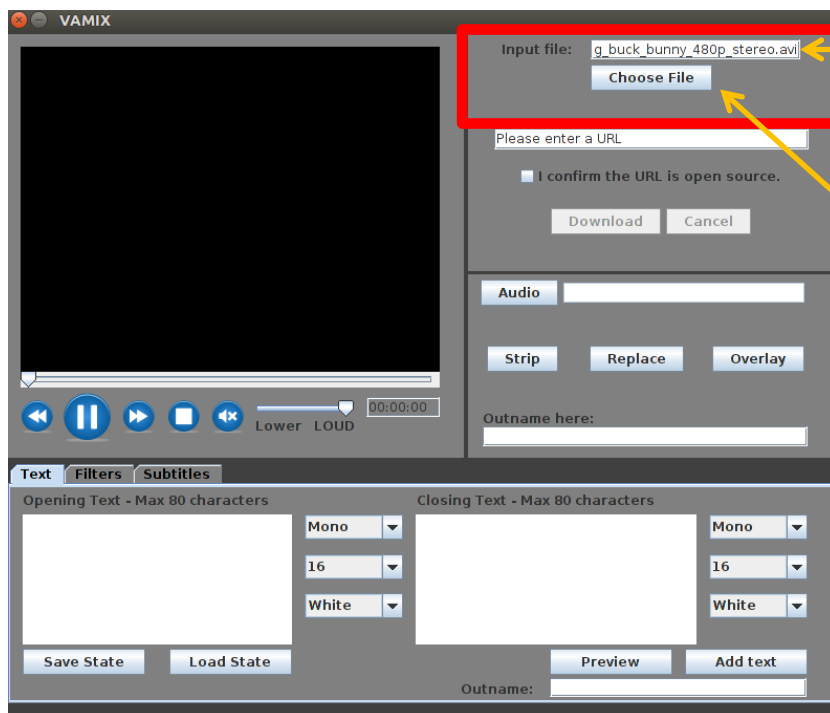
Not editable, but shows the name and location of the file input

Click this button to open the file chooser to select file to work with

Download Panel

Download panel allows downloading of files from the web. The name but be entered perfectly, and the file must be open-source, where you cannot click the download button without checking the check box saying the file is open-source. Enter text into the text area which should be the URL of the file. Then check the box saying open-source (ONLY IF IT IS OPEN-SOURCE). Then you can download, and cancel the download if needed.

This is where you enter the URL of the file to download

Open-source check

Cancel button is only enabled once download begins

Download button is only enabled once the check is ticked. This will begin the download from the URL entered
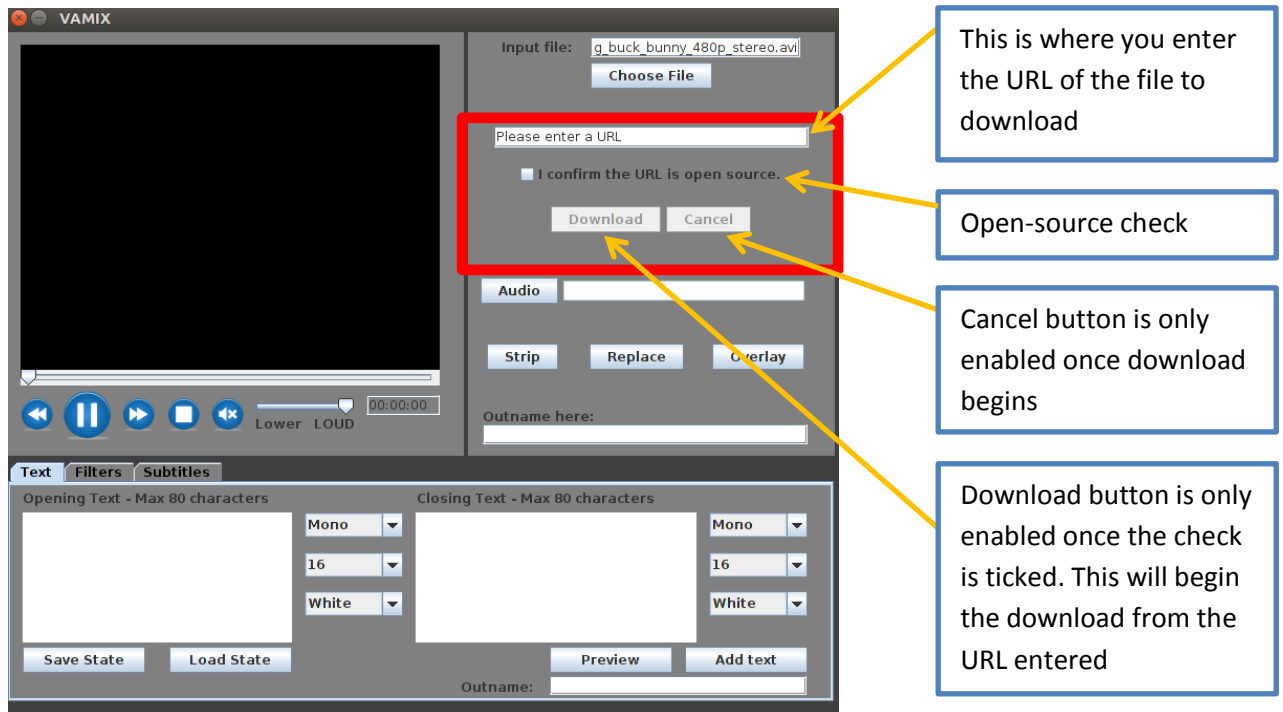
Play Panel

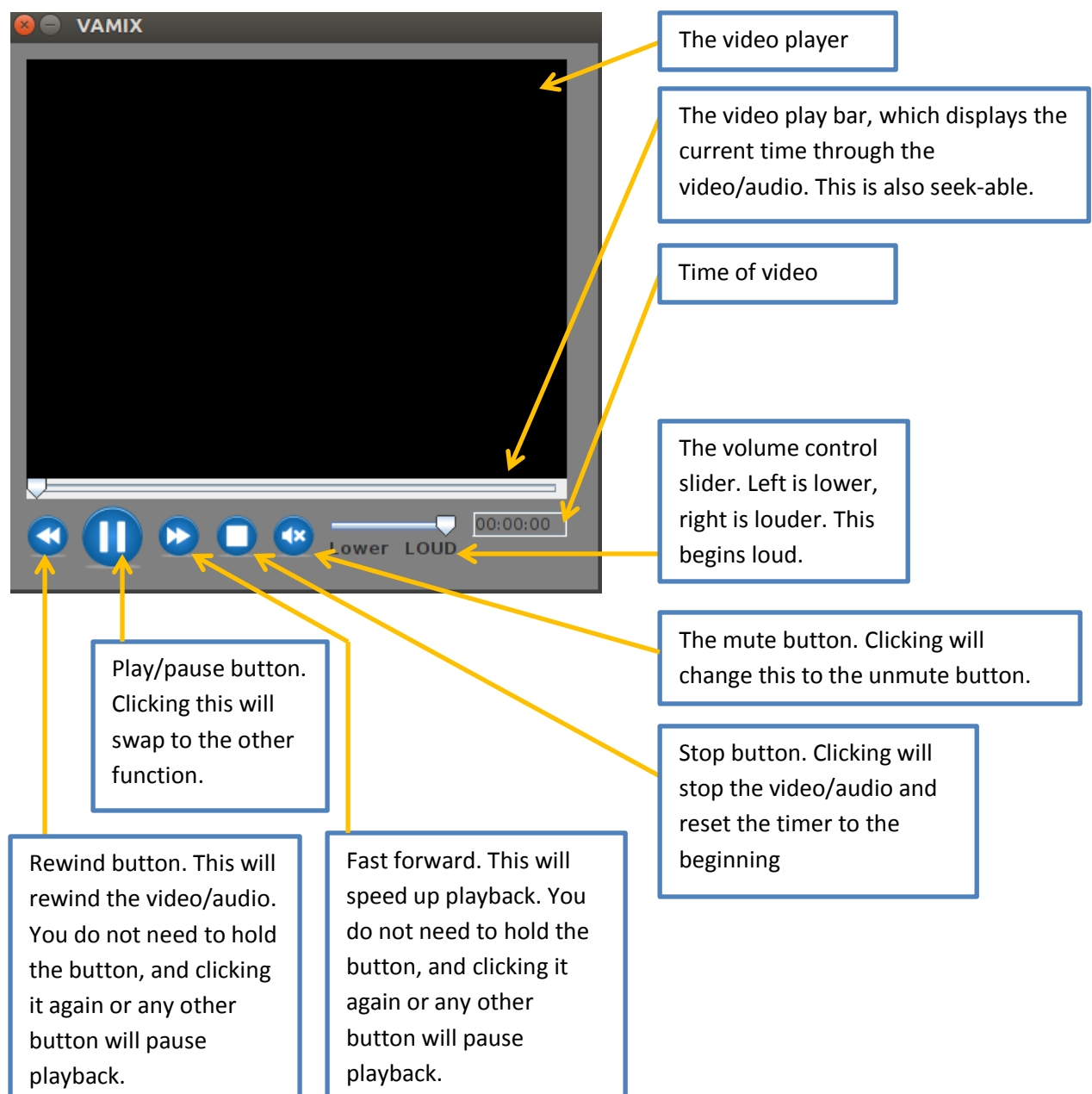This panel is where the video is played, and where the buttons for playing the video are. These buttons also are used for when audio is played. The Open Panel is where the file to play is chosen, which automatically loads into this area.

Possible issues

It is known that there are minor bugs with the play/pause when starting a video. The system pauses when a video is entered a large majority of the time but will sometimes play straight away. This is unknown as to why, but should not cause any major issues.

The video player

The video play bar, which displays the current time through the video/audio. This is also seek-able.

Time of video

The volume control slider. Left is lower, right is louder. This begins loud.

The mute button. Clicking will change this to the unmute button.

Stop button. Clicking will stop the video/audio and reset the timer to the beginning

Play/pause button. Clicking this will swap to the other function.

Rewind button. This will rewind the video/audio. You do not need to hold the button, and clicking it again or any other button will pause playback.

Fast forward. This will speed up playback. You do not need to hold the button, and clicking it again or any other button will pause playback.
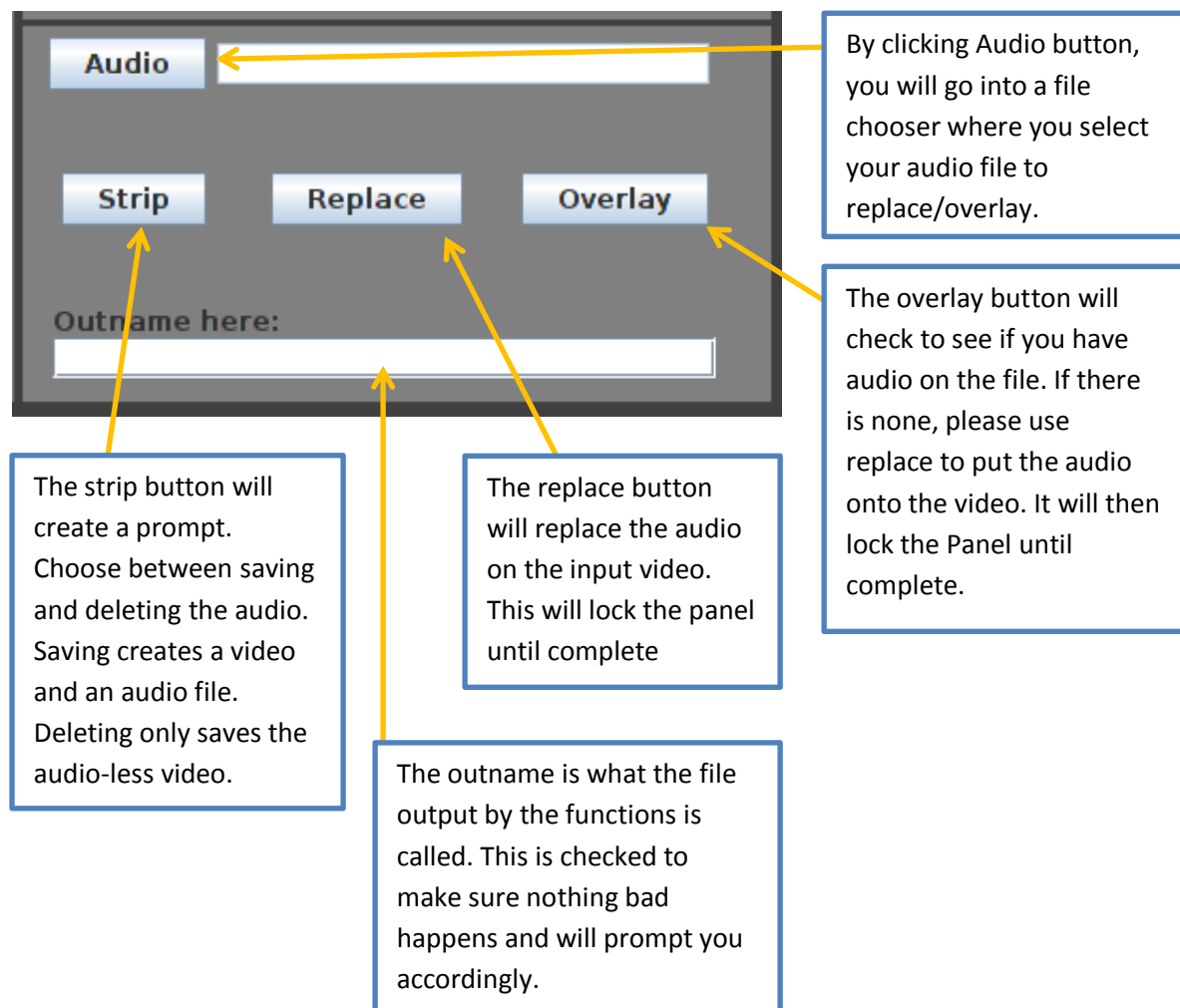
Audio Panel

This panel allows you to enter an audio file to overlay/replace the audio of the input file with. The strip function does not require an audio file input. You must also put in an output name for the file which is created by the options you select. The file will be saved to the same location as the VAMIX.jar file. If the outname defined is of a name that exists already, the system will prompt you to choose to overwrite the file, or choose another name. It also will make sure you do not overwrite the file you have in VAMIX.

Possible issues

The only known issue is where you insert a video with multiple audio streams already used as overlay cannot handle this. This may cause the system to fail. Do not worry, just restart VAMIX.jar again. This does mean you cannot use that file with the system.

By clicking Audio button, you will go into a file chooser where you select your audio file to replace/overlay.

The overlay button will check to see if you have audio on the file. If there is none, please use replace to put the audio onto the video. It will then lock the Panel until complete.

The strip button will create a prompt. Choose between saving and deleting the audio. Saving creates a video and an audio file. Deleting only saves the audio-less video.

The replace button will replace the audio on the input video. This will lock the panel until complete

The outname is what the file output by the functions is called. This is checked to make sure nothing bad happens and will prompt you accordingly.
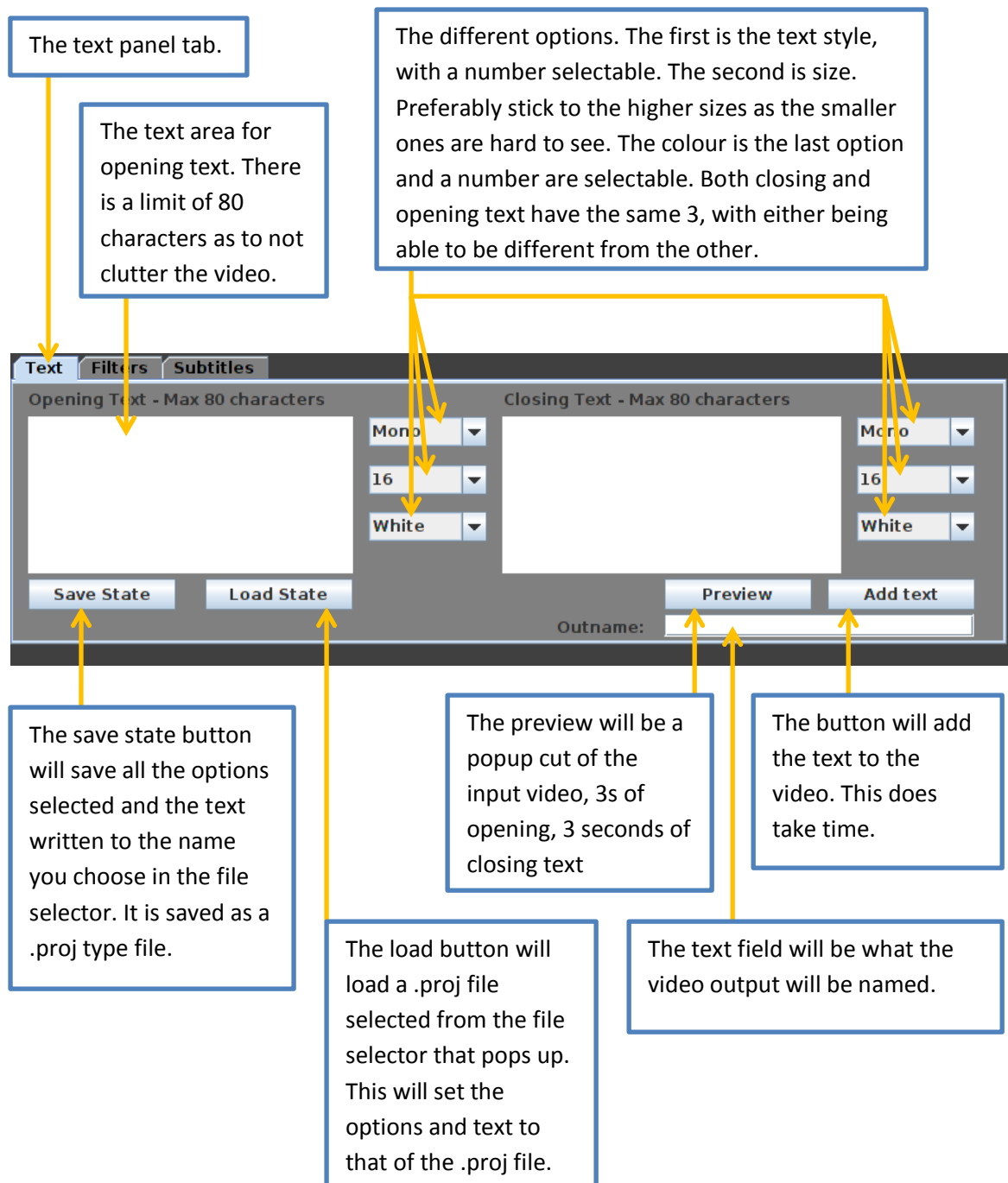
Text Panel

This panel is where you can add text to the video (at the beginning and end). This is for 10s at either end of the video. You may also choose from a selection of colours, types, and sizes. If you wish to save those settings, you can save them and load them back later if needed. This will be saved as a .proj file and you can select its location. You may also preview the text using the preview button.

Possible issues

You can only preview this text if you have entered text. The .proj does save the text entered so be careful what you have entered when you save the .proj file.

The text panel tab.

The text area for opening text. There is a limit of 80 characters as to not clutter the video.

The different options. The first is the text style, with a number selectable. The second is size. Preferably stick to the higher sizes as the smaller ones are hard to see. The colour is the last option and a number are selectable. Both closing and opening text have the same 3, with either being able to be different from the other.

Text	Filters	Subtitles

Opening Text - Max 80 characters

Closing Text - Max 80 characters

Mono ▼

16 ▼

White ▼

Mono ▼

16 ▼

White ▼

Save State   Load State

Preview   Add text

Outname:

The save state button will save all the options selected and the text written to the name you choose in the file selector. It is saved as a .proj type file.

The preview will be a popup cut of the input video, 3s of opening, 3 seconds of closing text

The button will add the text to the video. This does take time.

The load button will load a .proj file selected from the file selector that pops up. This will set the options and text to that of the .proj file.

The text field will be what the video output will be named.

Filter Panel

This panel gives you use of a number of options to edit the video stream of the file. You can choose between trim (cuts out selected part of the file), flip (flips the video horizontally/vertically), and rotate (90,180,270 degree rotation only). You select one of the 3 tick boxes, and then enter an output name and the choice of options for the selected operation. After that, click generate to

Possible issues

If you input a from time higher than the to time, the system will ask you to enter a new time, same as if the two are equal. This is because you cannot start after the end of the desired time. The output name should also be unique; otherwise it will ask you whether you wish to overwrite the file names the same thing. You can create a file with the same name as the file in use unless it is also a .mp4 file. If it is .mp4 and the same name, it will let you know you cannot do the operation and to rename the output name.

The filters tab

The trim option. Selecting this will cut the video according to the times entered. This is using the From and To times, cutting both audio and video.

The flip option will flip the video depending on the option selected. This is either horizontally or vertically, which is different to rotating 180 degrees.

Text   Filters   Subtitles

○ Trim
0   0
From   To

○ Flip
Horizontal ▼

○ Rotate
90 ▼

Output name: _____   Generate

The output name is what the name of the file is to be called. This is checked, and will prompt you according to any issues.

The generate button will create the file using the output name, locking this panel from further use for the duration.
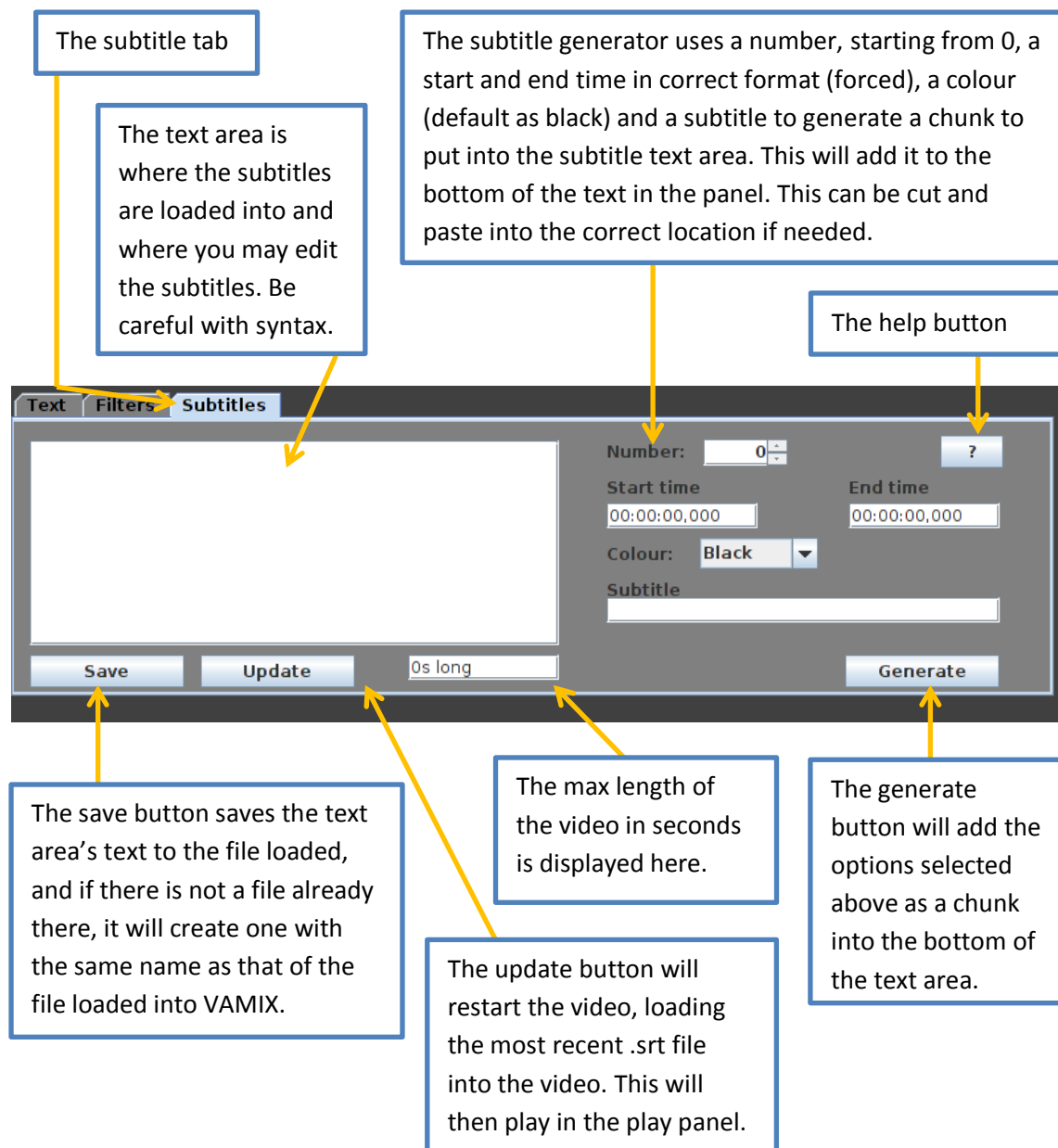
The rotate option will rotate the video depending on the option selected. This is either90, 180 or 270 degree rotation, and will save to the output name that is selected.

Subtitle Panel

This panel controls subtitling for the system. The subtitle system uses .srt files with the same name as the video file in use. The system will load appropriate subtitles into the text area upon loading a video (if there is a .srt file for the video, it will load into the text area).This can then be edited manually, or you may use the generator on the right hand side of the panel to make the process simpler. There is a text field that tells you what the maximum time you should use is, and a help button that explains the basics of the subtitle system.

Possible issues

The file you create may not be perfect. This can mean that the file, when updated and run with the new subtitles, will not show everything you expected. Check the format and that the times are all correct for the file. The subtitles do not need to be in order, but it is preferable since it is easier for you to edit if needed. If all else fails and some things do not show up, try to redo them, and if it still does not work, try making the file again.

The subtitle tab

The text area is where the subtitles are loaded into and where you may edit the subtitles. Be careful with syntax.

The subtitle generator uses a number, starting from 0, a start and end time in correct format (forced), a colour (default as black) and a subtitle to generate a chunk to put into the subtitle text area. This will add it to the bottom of the text in the panel. This can be cut and paste into the correct location if needed.

The help button

| Text | Filters | Subtitles |

Number: 0

Start time
00:00:00,000

End time
00:00:00,000

Colour: Black

Subtitle

Save   Update   0s long   Generate

?

The save button saves the text area's text to the file loaded, and if there is not a file already there, it will create one with the same name as that of the file loaded into VAMIX.

The max length of the video in seconds is displayed here.

The generate button will add the options selected above as a chunk into the bottom of the text area.

The update button will restart the video, loading the most recent .srt file into the video. This will then play in the play panel.

Extended section

If serious faults have occurred and it is unknown why from both the User Manual here, and the README.txt, then please email:

Logan.horton@live.com

Please structure your email as follows:

Date this occurred:

What happened:

What you believe caused the issue(s):

Your systems operating system (including add-ons):

Then please send the email and I will attempt to fix this issue and push out a fix.

Thank you.