

TIME TRAVELER FOR SINGE

DVD RIPPING TUTORIAL

What's this about?

The purpose of this document is to provide a tutorial showing how prepare the video and audio files necessary to play Time Traveler under SINGE. It is assumed the reader has purchased a copy of Digital Leisure's Hologram Time Traveler (NTSC region) and is using a Windows based operating system.

What you need

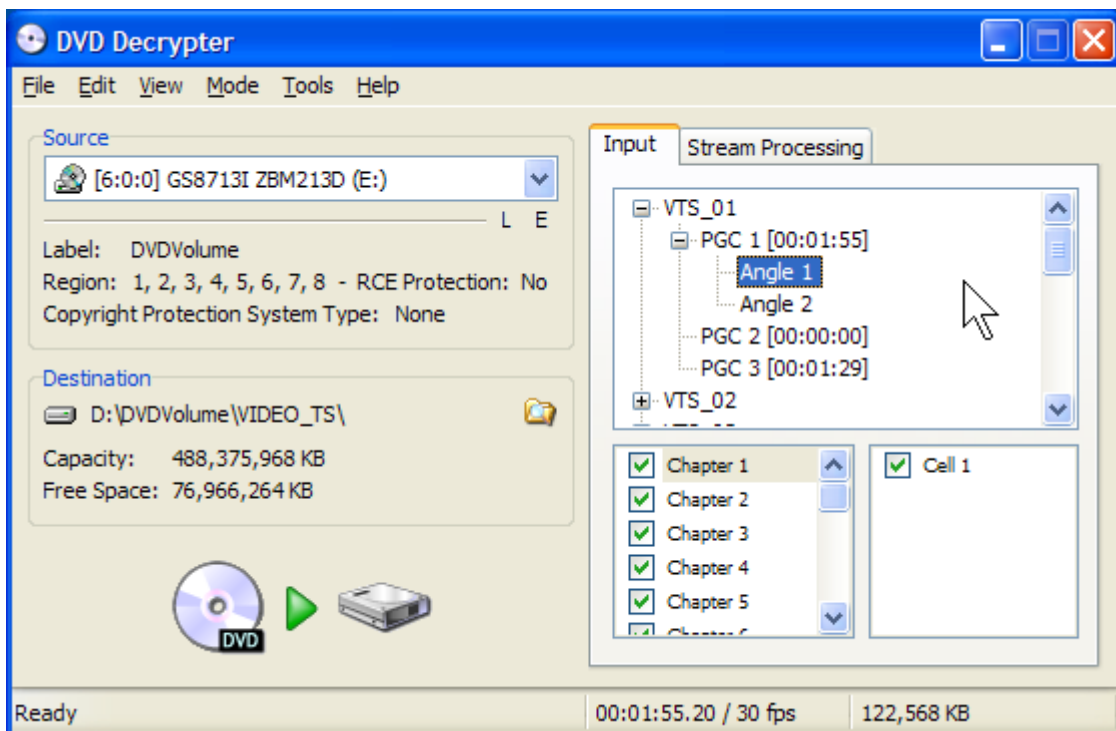
First off you need to download the following free software tools:

- **DVD Decrypter** - http://www.videohelp.com/tools/DVD_Decrypter
This tool will be used to rip and demux your DVD.
- **HeadAC3he** - <http://www.videohelp.com/tools/HeadAC3he>
This tool will be used to convert audio into OGG.

These tools will allow the reader to get the files from the Time Traveler DVD and convert them into a format Daphne likes. The goal is to create MPEG and OggVorbis files out of the DVD. DVD Decrypter will do this job for you but the audio will be saved in AC3 format. The HeadAC3he utility will be used to convert the AC3 files into OGGs.

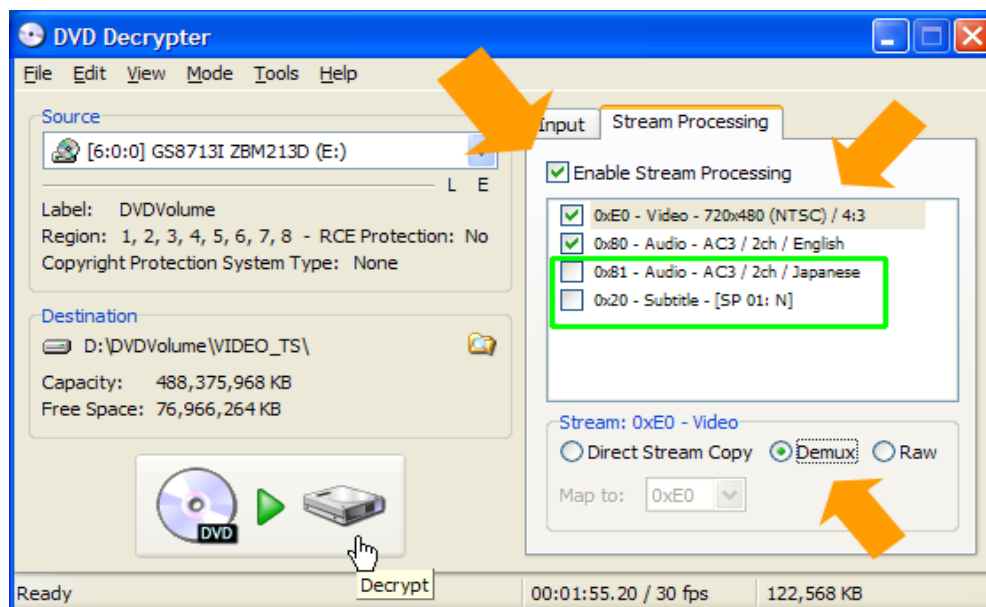
Part I: Ripping and Demuxing the DVD

1. Insert your Hologram Time Traveler DVD disc in your PC's drive.
2. Launch DVD Decrypter.
3. Go to the "Mode" menu and select "IFO".
4. Select the correct DVD drive letter at the "Source" field.
5. Select where you want to save the resulting files by clicking on the yellow folder icon in the "Destination" frame.
6. Take a look at the "Input" tab. Select "VTS_01" and collapse the tree branch (click on the plus sign box next to it). Do the same for PGC1.

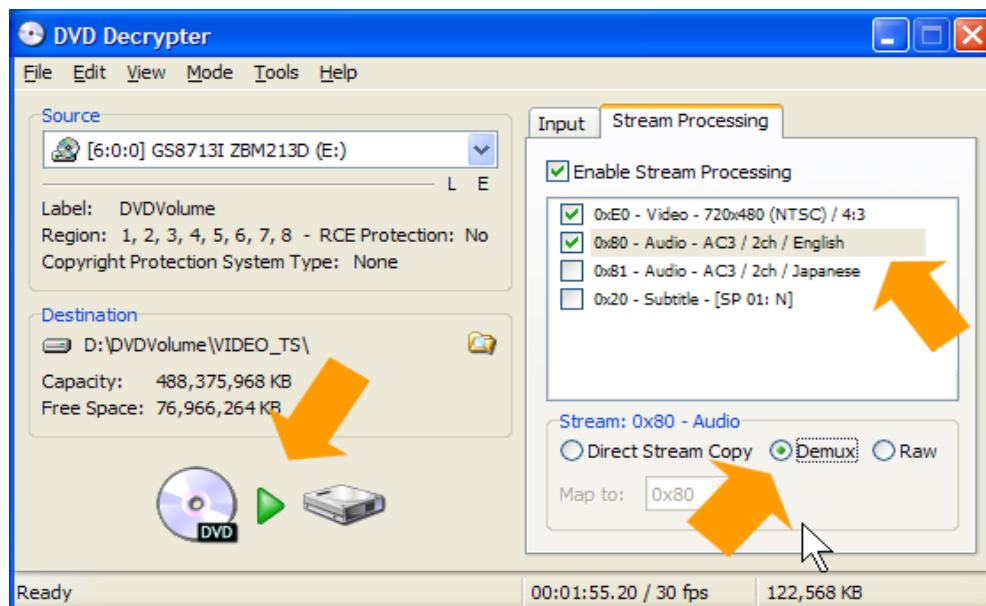


7. Notice PGC1 has two angles. Angle 1 has the normal video of the game. Angle 2 has the 3D swirl-pool effect (for use with the red and blue glasses that came with the disc). Click on "Angle 1".

8. Click on the "Stream Processing" tab.
9. Check "Enable Stream Processing".
10. Uncheck Japanese audio and subtitle boxes.
11. Click on the video stream (first line on the stream list).
12. Check the "Demux" option for that stream.

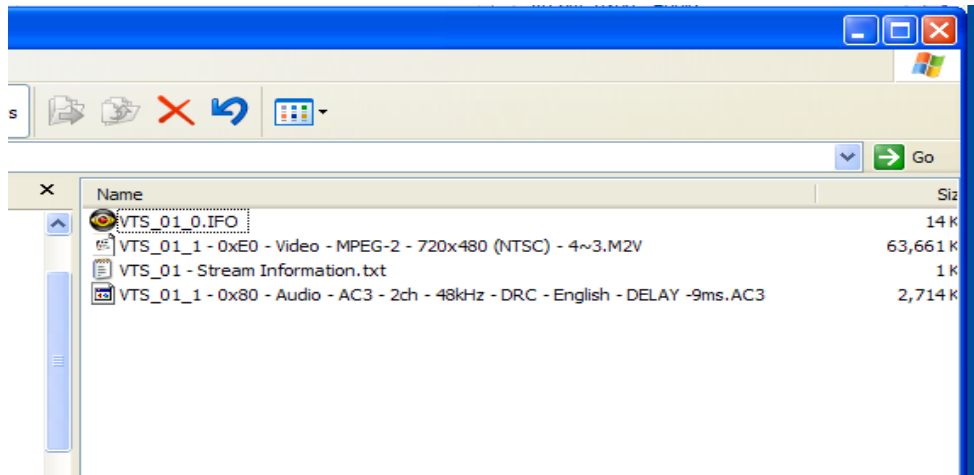


13. Click on the audio stream (second line on the stream list).
14. Check the "Demux" option for that stream.
15. Click the "Decrypt" button (the DVD/hard drive logo at the bottom left).



At this point DVD Decrypter will proceed to rip and demux the video of VTS_01 into your hard drive. You will see a confirmation message once it is finished. You will end up with the following files:

- An IFO file. You can throw this away.
- VTS_01 - Stream Information.txt – You can delete this file as well.
- **VTS_01_1 - 0xE0 - Video - MPEG-2 - 720x480 (NTSC) – 4~3.M2V** – This is the video file.
- **VTS_01_1 - 0x80 - Audio - AC3 - 2ch - 48kHz - DRC - English - DELAY -9ms.AC3** – The audio file.



15. Now comes the tedious part. You need to repeat steps 5 through 14 for each VTS in the DVD. The VTS that are needed to play the game are the following:

- VTS_01_1.M2V = (PGC1)
- VTS_02_1.M2V = (PGC1)
- VTS_03_1.M2V = (PGC3)
- VTS_04_1.M2V = (PGC2)
- VTS_05_1.M2V = (PGC1)
- VTS_06_1.M2V = (PGC1)
- VTS_07_1.M2V = (PGC1)
- VTS_08_1.M2V = (PGC1)
- VTS_09_1.M2V = (PGC1)
- VTS_10_1.M2V = (PGC1)
- VTS_11_1.M2V = (PGC1)
- VTS_13_1.M2V = (PGC1)
- VTS_14_1.M2V = (PGC1)
- VTS_15_1.M2V = (PGC1)

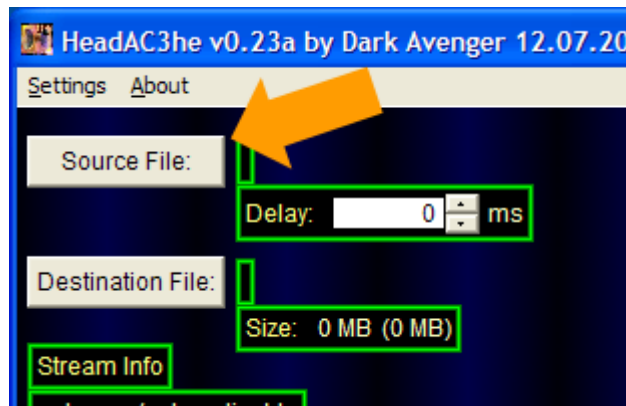
A common mistake during this process is to forget to set “demux” on both audio and video streams. If this happens just return to the VTS and demux it again.

16. After you are done with the list, rename (shorten) the video files so the names match those as you see on the list. For example the file “VTS_01_1 - 0xE0 - Video - MPEG-2 - 720x480 (NTSC) – 4~3.M2V” is to be renamed as “VTS_01_1.M2V”. At this point you might be tempted to do the same with the audio files. Leave those as is for now.

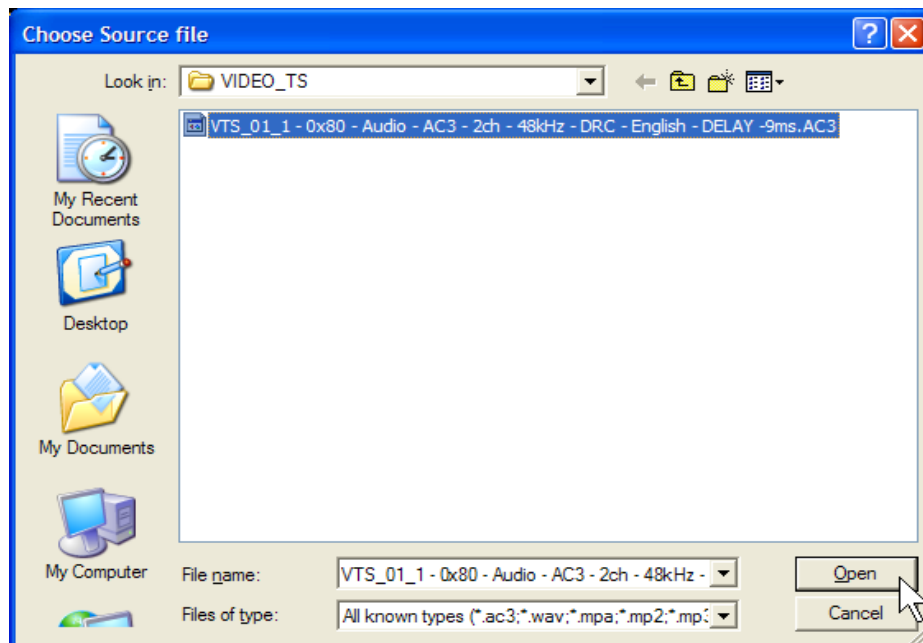
Part II: Converting the Audio Files from AC3 to OGG

DVD Drecrypter helped us kill two birds with one stone. It ripped the media from the DVD and at the same time demuxed it into separate video (M2V) and audio streams (AC3). Daphne will read the video files just fine, but it won't read the AC3s. This section of the tutorial will show you how to fix that.

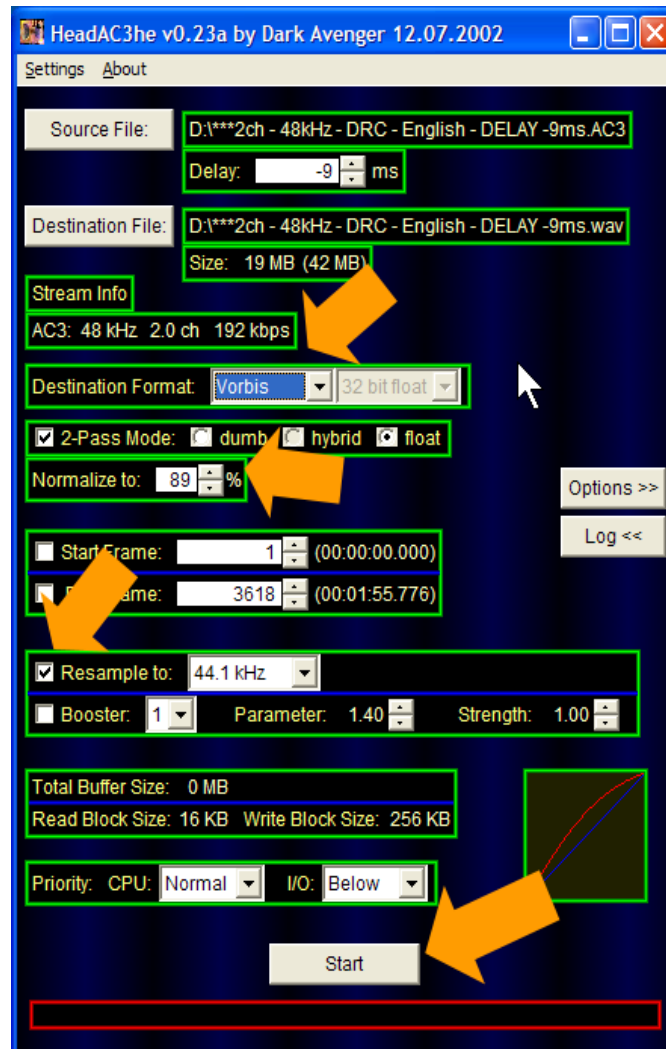
1. Launch the HeadAC3he software tool.
2. Click on the “Source File” button.



3. Select the audio file.



4. Check the following options:
- Destination Format: Set it “Vorbis”
 - Normalize to: Set it to 89%
 - Resample to: Set it to 44.1KHz



5. Hit the “Start” button. HeadAC3he will proceed to create a new OGG file from your AC3.
6. Repeat the process for every AC3 file.

Same as with the video files, the newly created OGG files have to be renamed to match their video counterparts. For example, for every VTS you should have something like this:

VTS_0X_X.M2V
VTS_0X_X.OGG

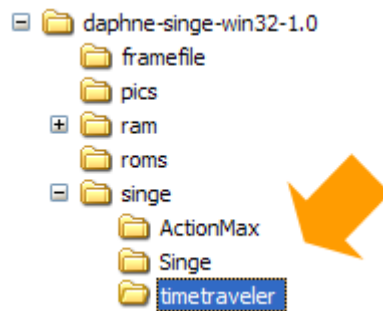
Part III: How to Install

Now that you got your video and audio files, lets install the game.

1. Download the daphne version that comes with SINGE from that website:

<http://www.jaegertech.net/software/singe>

2. Look for a file called “daphne-singe-win32-1.0.zip” and download it to your computer.
3. Install the contents of the archive into your computer's hard drive. You will now have a directory called same as the zip file (“daphne-singe-win32-1.0”).
4. On Time Traveler's archive there is file called “timetraveler.bat”. This file launches the game. Install this single file in the main folder (“daphne-singe-win32-1.0”).
5. On the archive you will also find a file named “saveme.wav”. Install this file in the “sound” folder.
6. Install the rest of the contents of Time Traveler's archive inside the “singe” folder. You should have a directory structure similar to this:



7. Copy your M2V and OGG files to the “timetraveler” folder.

That's it. To run Time Traveler use the file “timetraveler.bat”. Enjoy the game!