



## **Capturing Audio (.mp3 file)** (Can be used with CPC's AutoTCSync service)

### 1. Capturing Audio from External Source to .mp3 using Dazzle

You can use your own software or, you can use the software that we've tested ourselves. The software is *Power Audio Editor*, which can be found at this link:

You can download the software (only 2.2 MB) and try it for 30 days free:  
<http://www.topshareware.com/Power-Audio-Editor-download-3529.htm>

And if you like it, you may purchase it for \$29.95 from the same link:  
<http://www.topshareware.com/Power-Audio-Editor-download-3529.htm>

Platform: Windows 95/98/Me/NT/2000/XP

Once you have installed this software, open the program.

First, connect your external source like a VHS, cassette player, etc. to the Dazzle DVC 80. Make sure both audio channels are connected (Red and White or, Right and Left, unless there is time code on an audio channel). Then connect the Dazzle DVC 80 to your hard drive's USB connection.

Also, if you don't have a Dazzle DVC 80, you can use a cable with Stereo RCA connectors (male) on one side and an 1/8" male connector on the other side.

The 1/8" connector is connected to the microphone input of the hard drive and the RCA connectors are connected to the Stereo outputs of your audio source machine.

When you have opened the *Power Audio Editor* software, do the following:

1. Go to 'File' and select 'New Project'
2. On the right side of the interface, click the 'Record' tab
3. You will see two drop-down menus; 'choose' and 'source/volume'.
4. Under 'choose', select "Dazzle DVC80 Audio (2)" and under 'source/volume' choose "Capture"

Now do the following;

1. Play the audio from your source machine (cassette player, VHS, etc.) to test the connection
2. If the red light on the Dazzle is lit, then it is connected to the drive properly
3. You should now be able to hear the audio from the hard drive...if not, check your connections again and play the audio from the source machine

To capture the audio;

1. When you have your audio cued and ready to be digitized, click on the 'Record' button (red dot icon located under the tool bar) and start playing your audio

2. Click on the ‘Stop’ button (black square icon located under the tool bar) when you are finished capturing

To export the audio and/or create files;

1. To choose your output file type and specs, go to File> ‘Output Quality’
2. Choose one of the four tabs; MP3, WAVE, WMA or OGG and choose your bitrate, frequency, etc. When you’ve entered your specs and clicked ‘Apply’, your specs will be displayed at the bottom of the interface

Here are the specs for our 2-minute audio sample;

Sample Rate	Bit Rate	Stereo/Mono	File Size
44.1 khz	96 kbps	Mono	1.34 MB

### **Editing to make a custom audio file**

1. Before editing, take note of the player buttons just beneath the tool bar (you’re familiar with the record and stop buttons), move your cursor over these buttons (without clicking) to see the names of each. There are also buttons to the right of the stop button that you can use to select only the right or left channel for editing.
2. You’ll notice that when you click over the waveform, on either the left or right channel, the marker (a yellow diamond on top of the left channel waveform with a dotted line descending from it) will re-locate to that point
3. To select a section of audio that you want to delete, simply click and drag (right or left) over the audio you wish to delete, then press the ‘delete’ key
4. There are other buttons (below the tool bar) that you can use to EQ your audio, add fade-ins, fade-outs and other effects.

Note – You can also edit the following types of audio files; .wav, .wma, .mp3, .asf, .pcm, .vox, .raw. Just go to ‘File’ and select ‘Open’ to import the audio file.

## **2. Capturing Audio From a Digital Video File**

You can use your own software, or you can use software CPC has tested. The software is *River Past Audio Converter*, which you will find at these links.

For the 30 day trial version of this software (only 1.7 MB) go to this link:

<http://www.riverpast.com/en/prod/audioconverter/download.php>

If you like this software, you can purchase it for \$25 from this link:

<http://www.riverpast.com/en/prod/audioconverter/index.php>

Once you have acquired and installed the software open it.

Now, inside the program follow the subsequent steps:

1. Click the *Add* button in the top left
2. Browse for the video file you would like to convert  
(Virtually all video files should work with this software)

Next, change the following settings:

1. Change the *File Type* on the right hand side of the window to *MP3 – MPEG Layer-3*
2. Select the desired *Sample Rate*, but make sure that it is *16 khz* or *22.05 khz* (*24 khz* will not work with Auto Sync)
3. Select *Stereo* for best quality, and select your desired *Bit Rate*

Finally,

1. At the bottom of the window, next to the *Output Directory* text box click *Browse*
2. Choose the desired location for your soon to be converted .mp3 file.
3. Click *Convert* in the upper right and wait for the conversion to finish.

Your converted .mp3 file should now be in the location you specified.

## **Automatic Time Stamping Using Using CaptionMaker and CaptionSync**

Once you have your .mp3 file, you are ready to use the Automatic Match Text with Audio function in the CPC CaptionMaker software.

Follow the ensuing steps:

1. In CaptionMaker open the *Tools* menu in the top right
2. Go to *Automatic Match Text with Audio*
3. Once you have that window open, click the *Help* button to find out how to set up your network account
4. After your account is set up, click the *New* button to start a new Auto Match Job.
5. *Browse* for the *Text File* you would like to use for your captions
6. Now, *Browse* for the *Audio File* you would like to use to synchronize your script (the Text File)
7. And finally, specify your preferred “Caption Attributes”
8. Click OK
9. Now click the Upload button in the bottom left  
(The *Status* of your Job should change to *Uploaded...*)
10. It takes about five to ten minutes to process, so you just have to keep clicking the *Refresh* button until the *Status* is *Ready to Download*
11. Next, you can click the *Download* button. You will download an .asc file. It will be in the same folder as the text file with the same prefix as the text file
12. Then in CaptionMaker, go to *File, Import*
13. Change the *File Type* to *Caption Formatted* and select *Cheetah Caption (\*.asc)* in the text box.
14. Click *Next* at the bottom of the window

You should now have a script in the CaptionMaker window with corresponding time code.