

Inserting Video Content

The Aavelin supports the playback of video content that has been encoded as DivX or H.264 (mp4). Depending on what player you have will determine how high of quality the encoding can be. Here is a table showing the maximum native resolution for video clips on each Aavelin player:

Model	DivX	MP4 (H.264)
AV100/200 2Gen	640x480	320x240
AV100/200 3Gen (SD/SDRT)	640x480	360p (640x360)
AV400/P (HD/HDP)	540p (960x540)	360p (640x360)
AV720P or SignMate	720p (1280x720)	540p (960x540)
AV1080P or SignMate2	1080p (1920x1080)	720p (1280x720)
Café	540p (960x540)	540p (960x540)

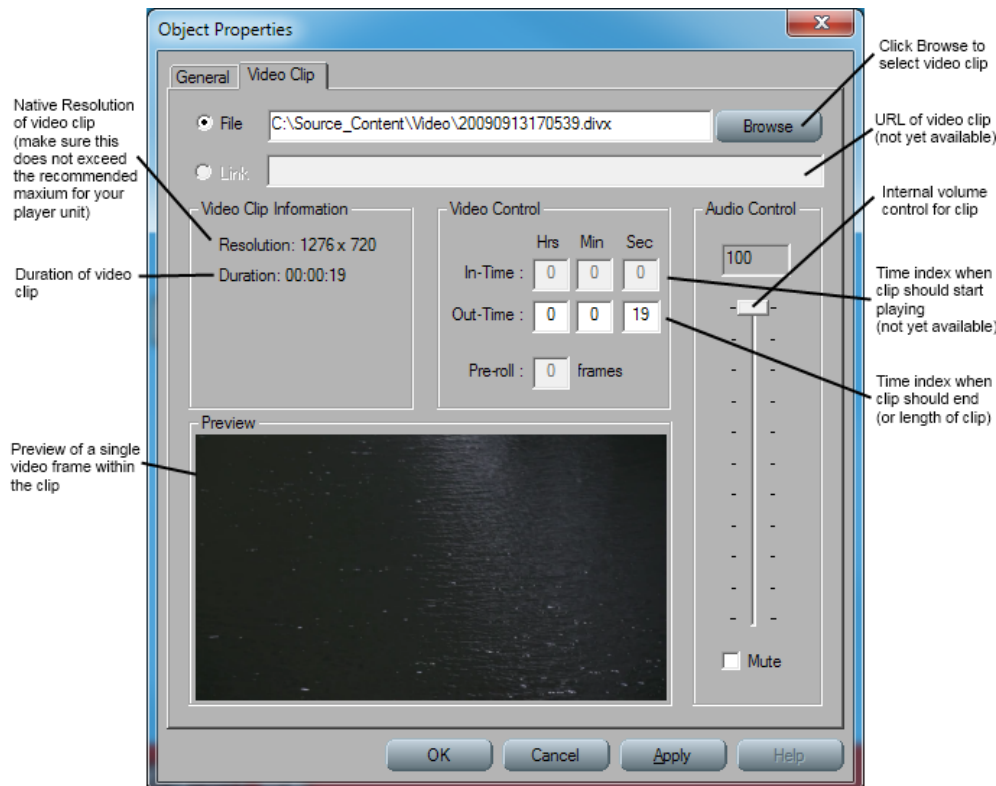
** Resolution of the encoding will have a greater impact on playback performance than the video bit rate or size of the video frame.

Also when encoding videos, do not use the AC3 (Dolby) audio codec, but re-encode the audio as mp3 or AAC.

To insert a Video File:

1. When in the Page Edit view, click on “Insert VideoFrame”.
2. Of the two options presented, select “Video Clip” and click OK. The “External Video” option is for when you are using the video inputs on the Aavelin player (see “Video Frames” on page 60).

A new properties window will appear.



Currently, the Aavelin can play back a video file that is stored on the system. A future release will include the ability to play a video file from a URL. From here, do the following:

1. Select a video file by clicking on “Browse”. You can select a .divx or .mp4 file.
2. Check the resolution in the “Video Clip Information” section and make sure that it is not greater than the recommend maximum resolution for your Aavelin player (see chart in the last section of this addendum).
3. Then enter the length of the clip in the “Out-Time” fields (if you want to show less than the duration of the clip noted by the “Duration” in “Video Information”). First field is hours, the next one is minutes, and the last one is seconds.
4. Adjust the volume control to desired volume level. This is only a relative volume level which will be discussed in the next section.

Once you have all the video related settings that you want, click on Apply. Afterward you can click on OK to go back to the page editor, or you can go to the “General” tab and position the video frame manually. If you want the video frame to be full screen, you will need to use the “General” tab, set the X and Y to zero, and set the width and height to the page size (also known as the project resolution).

The dwell time for the page will automatically be set according to the In-Time and Out-Time fields.

System Audio

With this addition, the Aavelin now has two internal media types (Flash and Video) that can produce audio. As a result, the audio control on the “Audio/Video” tab in the Page Properties, has been renamed to “Internal Mixer”. This is the mixer control for any audio that is coming from content in the Aavelin player. It will have no effect on any external sources.

