

Expression Encoder Screen Capture

- Audio** should be on (microphone icon should be red)
- set **Volume control** to 1/2 way (or as desired)
- if not using a webcam, verify **Webcam** is off (black background)
- if using a webcam, verify **Webcam** is on (red background)

-Edit options:

-Screen

- set frame rate to 20 fps (or as desired)
- set Bitrate to 30000 kbps
- set quality to 100
- set "Capture mouse cursor" to "Yes"
- verify "Follow mouse cursor" is not checked

-Camera (this only applies if using a webcam)

- Capture Setting -> Output Size -> choose 640x480 (or other desired resolution)
- Capture Setting -> Frame Rate -> 20 FPS (or other desired frame rate)
- Bitrate -> 4096 Kbps (or less if using a lower resolution)

-Audio

- verify microphone and speakers are set to headset

-Other

- all should be checked

-Capture manager

- set to desired location

Expression Encoder

- drag & drop all desired .xesc videos, make sure all are highlighted

for all recordings (non-webcam and webcam):

- System -> Encoding for Devices -> WMV -> VC-1 Xbox 360 HD 1080p
- Enhance -> in "Audio" section -> set "Volume" to "9.0" (or other preferred volume)

for webcam overlays:

- Enhance -> Visual Overlay -> Add Overlay (choose webcam footage)
- position overlay as desired in upper window
- choose down arrow for extra options
- uncheck "Loop Overlay"
- it may be necessary to set "Duration -> Apply to" to "Custom" then "Start" to some delay to synchronize, for example set "Start" to 0.5 sec (check difference in "Source Duration" to determine this)

for all recordings (non-webcam and webcam):

- Output -> Directory -> choose preferred directory
- choose Encode

to remove noise from the recording, perform the following additional steps (keep Expression Encoder open the entire time):

Open VLC

Media -> Convert / Save . . .

File tab, Add . . . (choose .wmv from Expression Encoder), choose Convert / Save

Profile: Audio-FLAC

Browse, save to same directory as .wmv, save as "audio1.flac" or similar

choose Start, wait for progress bar at the bottom of VLC

Open Audacity

File -> Open "audio1.flac", or drag & drop into Audacity

Ctrl + mouse wheel to zoom in to area where there should be no sound (try the very beginning or end)

swipe across no noise area to highlight

Effect -> Noise Reduction -> Get Noise Profile

Ctrl + A to select entire file

Effect + Noise Reduction -> Ok, Audacity will remove the noise

press Play button to test, repeat previous 5 steps again if necessary

File -> Export Audio, Save as type: WAV (Microsoft) signed 16 bit PCM, save to same location as Express Encoder output

on Edit Metadata screen, choose Ok

return to Expression Encoder

change Volume to 0 (zero)

Add Audio Overlay, choose output from Audacity, play to test, choose Encode again