

Topaz DeNoise AI Workflow and Supporting Notes

There are two different workflows described below. One that uses the RAW AI model using the standalone version of DeNoise and one that supports the other 4 AI models using the LR plugin version of DeNoise. I recommend the RAW AI model. The results are amazing. Detail is recovered.

DeNoise workflow for RAW files

DeNoise ignores prior processing and works directly on the original RAW file. Suggest that if you plan to use DeNoise that this be done prior to any processing in LR. Prior processing can be applied after using DeNoise.

This is Dennis' PC workflow for processing RAW files in DeNoise. I have added some additional notes.

- Right click on the image to be processed in LR. Choose *Show in Explorer*. This takes you to the RAW file in Explorer directory and highlights it. If you are planning to batch process several images, highlight all the files in *Explorer* at this time.
- Open DeNoise and drag file(s) into DeNoise
- Your RAW file(s) to be processed will be listed at the bottom of the screen in DeNoise.
- Select image(s) you want to process by checking selected files or checking *All Files*.
- Set up processing parameters. Suggest –
 - RAW AI model, but can use any of the other four listed.
 - Model Preferences choose *Auto*.
 - Set *Recover Original Detail* and *Color Noise Reduction* to zero.
- You may do local noise reduction by using the masking tool. Click the mask icon to the right of the file name.
- Click *Save Image (Save Files)* and choose save parameters –
 - Filename – edit as desired
 - Output Directory – *Preserve Source Directory*
 - Image Format - *DNG*
 - Click *Save Image*
- If you select several or all of the files, they will be batch processed when you click *Save Image*. DeNoise will batch process about 10 large images per minute on my computer.
- DeNoise processing has been completed. Go back to LR and right click on the source folder and choose *Synchronize Folder*. DeNoise files will be added to the LR catalog next to originals.
- Star rating and color labels will not be applied to new DeNoise files. All the DeNoise files will be in the *Previous Input* folder and can easily be labeled at this time.
- You are ready to finish processing images in LR.
- If you did any processing on the image(s) prior to DeNoise, you may apply these edits to the DeNoise file(s) by syncing to original(s) in LR

DeNoise workflow for other file types

DeNoise does not support RAW model when using LR plugin, but it does allow you to process TIFF, psd and jpeg files directly from LR using the other 4 AI models.

- Select file(s) in LR Library module that you want to process in DeNoise
- You can make adjustments to RAW file prior to sending to DeNoise using LR plugin. The file with these adjustments will be processed in DeNoise. Still suggest that DeNoise processing be done very early in processing flow.
- Choose *Topaz DeNoise AI* on the *Edit In* dropdown menu
- Processing parameters are
 - Must use *Edit a Copy with LR Adjustments* (only choice).
 - File Format - TIFF
 - Color Space – ProPhoto
 - Bit Depth - 16 bit
 - Resolution - 300bpi
 - Compression – None
- Process as described above for RAW files. Only differences are
 - Dng file format is not an option, so either TIFF or psd will have to be used.
 - Processing parameters may be different depending on the AI model chosen.
- Multiple images can be processed at the same time by selecting them prior to starting the DeNoise edit. Then process all using process described here.

Processing on Mac

Mac workflow is very similar but not exactly the same. The references below address DeNoise processing on a Mac.

References

Here are a couple of references that provide the same info above, but may help.

Good DeNoise AI overview

<https://capturetheatlas.com/topaz-denoise-ai/#Denoise>

Good DeNoise AI workflow video

<https://www.youtube.com/watch?v=AzJavAm-Bbw>

Frank Richards July 27, 2022