

FX Chain						
OPORTUNO.org						
Order of Process	Type Plug-in	Purpose	Name of Plug-in	Company	Website	YouTube Videos about each Plug-In
1	Noise Removal	Keep noise floor below -60 db and remove background noise like fans, etc.	Clear or RX 8 Voice De-Noise	Clear by Supertone (De-Noise & De-Reverb) Voice Separator or RX 8 Voice De-Noise by iZotope (or latest version).	Clear: https://supertone.ai or RX 8 Voice De-Noise (or latest version) : https://izotope.com	Clear: https://youtu.be/OP9EFhA0T7w?si=YB51fkkJrhkSt RX 8 Voice De-Noise: https://youtu.be/csCOPIUvnnho?si=6G7Bebhg4Gu-oms
2	De-Clicker	Remove Mouth Clicks	RX 8 De-Click	iZotope	https://www.izotope.com	https://youtu.be/d0WN8VSYHRk?si=2TVn5P2FhBwz5g_R
3	Noisegate	Clean up noisefloor, like loud breaths, etc.	Renegade	Auburn Sounds	https://www.auburnsounds.com	https://youtu.be/0s9A8VdFH_A?si=ah7KEYBQFu7Ts37b
4	Equalizer	This first equalizer, in the FX Chain is primarily to set the High Pass and Low Pass Filters, and use Equalizers, further along in the FX Chain for equalization other than to set the High Pass and Low Pass Filters. Set the High Pass Filter to -80 Hz and the Low Pass Filter to -15 KHz with the Q of the filters, generally having predetermined setting by the particular equalizer you are using.	IIEQ Pro	DDMF	https://ddmf.eu	https://youtu.be/LfCEB6X4iE7?si=K1WtCkRHrOsY9l-1
5	Equalizer	Customized EQ anyway you think best	TDR VOS SlicEQ GE	TOKYO DAWN RECORDS	https://tokyodawn.net	https://youtu.be/kARhYptebRw?si=7BBaeAHCWV0bW3g
6	Compressor	Compress the Audio	TDR Kotelnikov GE	TOKYO DAWN RECORDS	https://tokyodawn.net	https://youtu.be/JDg5tzAeBgl?si=7kwSlkJXcNqAcDvG
7	Equalizer (Optional)	Optional EQ Tweaking, if minor EQ changes needed.	TDR VOS SlicEQ GE	TOKYO DAWN RECORDS	https://tokyodawn.net	https://youtu.be/kARhYptebRw?si=7BBaeAHCWV0bW3g
8	De-Esser	De-Ess the Audio to remove sibilance	Lisp	Sleepy-Time DSP	https://bedroomproducersblog.com/2014/09/20/sleepy-time-dsp/	https://youtu.be/k0vBa0vtk8w?si=w8C0SX_Ypbc1Zpko
9	Smooth high-end to remove unwanted harsh frequencies. (Optional)	Remove harsh frequencies	Vastaus	Wavegrove	https://wavegrove.com/	https://youtu.be/W4EiilyALcfk?si=ZTlzWOUmxDMp1Vou
10	Loudness Inverter	Increase Loudness	LoudMax	Thomas Maadt	https://loudmax.blogspot.com/	https://youtu.be/voW2DSNYF6k?si=0BXQ3MFU83ocSsS9
11	Loudness Levels	Set LUT and True Peak Max Loudness Levels	FinalLoud3	TBProAudio	https://www.tbproaudio.de/	https://youtu.be/k3Ym6CtyrY?si=YQl6_l7oy9U0ZLyO
12	Loudness Meter	Obtain and monitor correct loudness levels for Podcast, YouTube, etc.	Youlean Loudness Meter	Youlean Software	https://youlean.co/	https://youtu.be/ld11Be_xzY?si=eJuxDRHdi-FrJcnA