

Audio essentials for mixing vocals behind the mixer

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What plugins do you need for mixing vocals?

How do you mix vocals on a mixer?

How do you mix backing vocals for live performance?

How do you get vocals to sit back in the mix? A vocal can be brought forward or pushed back in a mix by utilizing equalization and masking - for example, if I amplify 2-5kHz on a vocal the vocal will stick out. If I reduce this range or amplify frequencies that mask it (roughly 250Hz) the vocal will sit back.

What order should plugins go in for mixing vocals? When making a vocal chain, you'll want to process in this order: tuning, equalization, compression, saturation, excitement, upward compression, and then reverb and delay sends.

What to do when mixing vocals?

What is the best eq setting for vocals?

How to get crisp vocals? When you're trying to make your vocals sound crisp, one good technique is to use a high shelf eq and boost the highs - then follow it with a de-esser to control any extra sibilance. You can also use parallel compression on the highs and blend it back in.

How to make vocals sound smoother? When trying to make your vocals smooth sounding, it's all about balancing high frequencies with low-mids. Attenuate your sibilance with a de-esser, equalizer, or with an analog emulation that dampens

highs, then subtly increase low-mids to mask higher frequencies and add a warm, smooth quality.

How to eq backing vocal?

How do you make good backing vocals? One of the keys to good Backing vocals is learning to blend so however many vocalists you have it sounds like one voice. So watch the lips of the worship leader or lead singer and try to match their starts, stops, phrasing, volume tone and vibrato.

How do you mix high end vocals? High End on Vocals When mixing, vocals can be a challenge to make bright but not harsh - here's the quickest way to accomplish this. Start with a de-esser, and use a shelf filter to attenuate the high-frequency range - then use an equalizer to amplify the range that the de-esser attenuated.

How to make a vocal stand out in a mix? A common EQ technique for vocals is to apply a high-pass filter to cut out the low frequencies that can make the vocals sound muddy or boomy. You can also boost or cut some of the mid and high frequencies to bring out the character and brightness of the vocals, or to reduce harshness or sibilance.

Where should vocals be panned in a mix? Traditionally, the kick, snare, bass and vocal tracks are panned directly in the center, as it is the focal point of your mix.

How do you arrange backing vocals? Simple harmonies - above, or below (a nice change), the main melody is a traditional arrangement approach. This is quite often a 3rd or 5th above the melody line, but sometimes I like to use a mix of the two creating a counter-melody harmony that moves around the lead vocal.

How do you fit vocals perfectly in mix? There are some pretty standard moves when it comes to equalization on vocals. You'll want to cut some rumble out of the low end with a high-pass filter. Generally, 75Hz to around 100Hz is a good point, but it will depend on the vocal. Then you'll want to cut out the "mud" in the low-midrange.

Should I EQ or compress vocals first? Typically, an EQ before a compressor is doing a more technical job than a creative one such as adding presence or clarity. The EQ modifies the degree and focus of the compressor, while the compressor tames the curve of the EQ that came before it.

What frequency should I cut when mixing vocals?

How do you mix harsh vocals? When working with a harsh vocal, you can typically tame it by attenuating frequencies above 2kHz and below 12kHz using a subtle bell filter via an EQ. Attenuating 3-5kHz will help significantly, as will using a de-esser on 5kHz to 12kHz to reduce harsh-sounding sibilance.

What plugins to use for vocals? Antares Auto-Tune Antares AutoTune is the most popular plugin for treating vocal recordings. It's used by countless professionals and makes working with vocals incredibly easy. New features of AutoTune include flex-tune as well as time correction and humanization.

Should you double vocals when mixing? A vocal double creates interest due to the minor pitch and timing differences between it and the main vocal. These differences create a sort of chorus effect that sounds familiar and natural. You can use a plugin to emulate these random timing and tuning differences to create a double from a copy of the original vocal.

How to EQ vocals on mixer?

What EQ is needed to make space for vocals? On the full stereo signal, insert a mid/side EQ and subtly amplify 2- 5kHz on the mid image, while attenuating the range on the side image. The majority of the vocal won't be in the range on the side image, meaning we can clear some space for the vocal, even though we can't separate it from the rest of the mix.

What frequency makes vocals harsh? Many times, frequencies we perceive as harsh highs actually belong to the upper-midrange—anything between 2.5 kHz and 8 kHz.

How do you get super clear vocals?

How do I make my vocals sound better?

How do you make your vocals sound deeper?

What plugins are essential for mixing?

What is the best program to mix vocals?

Should I use mono or stereo plugins on vocals? Mono recording is perfect for vocals and can work on other instruments. Stereo recording works well on acoustic guitar and even drums. Mono mixing helps you end up with a track that sounds good everywhere.

How do you mix voice audio?

How do I make my mixes sound better?

What plugins do professionals use?

What to listen for when mixing? There should be reasonable balance across all of the instruments. In addition to the level balance across different elements in the mix, there should also be tonal balance across the mix as a whole. You don't want to feel like the mix is all sizzly high frequencies, or honky mid frequencies, or boomy bass frequencies.

How do you mix professional sounding vocals? Mix vocals for a polished sound. Here, you will balance levels, apply EQ and compression, introduce effects, and possibly automate certain parameters. Each of these components is crucial for creating vocals that not only sound great solo but also work within the context of the entire song.

How do you mix very dynamic vocals? It's best to manage an overly dynamic vocal BEFORE compression to get a more natural result. Try breaking your dynamic vocals into separate sections of verse, prechorus, and chorus (if not more granular) to reduce the relative dynamics of each section of the vocal (and further process each one differently).

How do you mix vocals to sound naturally? Find a reference track to use as a source of inspiration while mixing. Use gain staging to make your vocal dynamics more balanced. Finally, create your combination of vocal effects, including Subtractive EQ, Compression, Delay, and Reverb, to ensure your vocal track will sound natural and uniquely yours.

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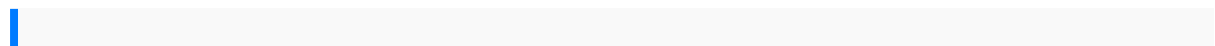
Should you eq vocals in mono or stereo? most things are better as mono imo. stereo can create confusion and it's not generally as effective in my experience. also look for plugs which can collapse stereo to mono. With a mono vocal track, there is no reason at all to use a stereo EQ plug.

Should reverb be mono or stereo on vocals? Use a mono reverb on vocals if you want them to be upfront and focused. But if you want the vocals to sound large or like they're in the background, use a stereo reverb. A tip I often share with folks is to experiment with panning your reverb.

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How to make your vocals sit in the mix? There are some pretty standard moves when it comes to equalization on vocals. You'll want to cut some rumble out of the low end with a high-pass filter. Generally, 75Hz to around 100Hz is a good point, but it will depend on the vocal. Then you'll want to cut out the "mud" in the low-midrange.

How do you master audio mixing?



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