

The objective of this X32 Rack Course is to get you familiar with the X32 Rack User Manual and answer any questions you may have. While my objective may sound simplistic, I can assure you that the material we will be covering is not. We will be using the X32 Rack User Manual simply as a guide that will branch off into many areas of the audio industry.

There is a reason you have Recording, Mixing and Mastering Engineers in the professional audio industry. While all three may deal with audio, their job descriptions as well as duties are very different. In this course we will be covering the duties of the Mixing Engineer in more depth, than the other two.

You will be provided a list of study material that I expect you to use, read, watch and follow. The reason is simple, if you fail to learn the basics, you will quickly get lost as well as frustrated when we start going over the more advanced features and subject matter.

If you don't know how to figure out that $2 + 2 = 4$, then you probably will find it hard to figure out that if you take a tetrahedron consisting of four triangles, six edges and four vertices and you blew it up into a sphere, then $V - E + F = 2$ will always be the same even-though it is now a round sphere without any right angles.

I promise you that our math will not be that difficult, but the fact remains the same. If you don't understand why the mic sounds the way it does in a room or at a gig, then you will never know how to compensate for those conditions, to get the best sound you possibly can out of the X32 Rack!

If you are making the jump from the analog into the digital age, you probably already know the basics of sound reinforcement. I have broken down this course where we can bypass certain lessons without sacrificing knowledge. I wrote this course under the pretence that anyone just starting out with the X32 Rack, would be able to setup it up and confidently run it after you finish this course. So what can you expect during our interaction?

The first thing you need to understand, is that mixing is fun when you know what you are doing! We will be in a very laid back teaching, training and learning environment through this entire course. My job is to make sure you understand the proper procedure for mixing audio using the X32 Rack. If you are running sound for your Church or your Band, you need to do your job in a professional manner. It is silly to invest the money you did for the X32 Rack, and not use it to its full potential. That's where I can help!

I like to compare learning how to run the X32 Rack with scuba diving. When I first got certified using the PADI system in 1994, I was boarded out of my mind, sitting in a classroom listening to instructor after instructor. This went on for three days and all I wanted to do, was have someone teach me what I needed to know, so I could strap on a tank put on a mask and go swim with the fishes.

What I did not know at the time, was it only takes about five minuets to truly teach someone how to scuba dive. Anyone can scuba dive! All you need to know is how to breath right? WRONG! It is human nature to hold our breath when our head goes under water and depending on your age, you have probably spent a lifetime practicing this very thing. It is referred to as self preservation.

It was only after I realized that there is a reason you must start at the beginning, that I started to understand what they were truly teaching me. As per their website: "PADI courses are designed to make learning enjoyable and worthwhile. Under the guidance of your professional PADI Instructor, you gain confidence while mastering important safety concepts and skills".

They weren't teaching me how to scuba dive when I would be in calm water, blue sky's and sunshine. They were teaching me how to recognize trouble before it got to the point of turning into a disaster! That is my goal as well. To properly train you so when something comes up, and I promise you it will come up, that you will have the knowledge to deal with most situations.

I can't promise you that I can teach you everything that could go wrong in the audio realm, nobody can. But what I can do is to teach you some very common issues to look for, so you can use the proper procedures to trouble shoot your situation more effectively. I hope you will allow me the opportunity to help advance your knowledge concerning the X32 Rack.

Dana Tucker.

