
Subject: Creating My Own Radio Station
Posted by [Malfoy](#) on Thu, 11 Oct 2018 01:52:54 GMT
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This dream might be next to impossible. However, I would like to know how to set up a radio station. How much investment do I need to have in order for me to run that radio station?

Subject: Re: Creating My Own Radio Station
Posted by [gofar99](#) on Thu, 11 Oct 2018 21:51:39 GMT
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Hi, It might be simpler to buy an existing one. Considering all the gear that goes into one, the need for source media to play on it, licensing fees and on and on I suspect that it would be really expensive. I would estimate over \$100K minimum. There was a time when you could set up a low power FM station as an educational one. This was often done at colleges. The range was typically 10 miles or so. The equipment is naturally less expensive and the various requirements lower. Still at least one person had to have a commercial radio license to maintain and keep the equipment operating in a legal mode, and the problems with media and maintenance were much the same as with commercial stations. This is not something you can casually set up in your home. The one I worked at had a console / control room, equipment room, media storage, transmitter room and an office to handle all the paperwork necessary to permit operation.

Subject: Re: Creating My Own Radio Station
Posted by [Malfoy](#) on Fri, 12 Oct 2018 09:04:57 GMT
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You mentioned that we should have a radio license to remain legal. It makes me wonder whether there are radio stations that are operating illegally. I thought we can only get our own frequency when we register to get our license.

Subject: Re: Creating My Own Radio Station
Posted by [gofar99](#) on Fri, 12 Oct 2018 22:03:03 GMT
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Hi, You need a station license which probably would come with an assigned frequency and power limit. Not all types are available in all areas. You also need a person that is licensed to maintain and oversee the station operation. That person would insure (think along both technical and legal certification lines) that the station is operating properly and in accordance with the license. Unless something has changed that person would need a "general class" commercial class license. That is not a simple thing as there were educational requirements and a fairly comprehensive test was required. I have a lot of experience (57 years) in nearly all fields of electronics and would likely have to study extensively to get such a license. Now if you happen to hold a degree in radio frequency engineering then that part would be fairly simple. You would still need to study the legal issues and regulations that apply to station operation.

All bets are off on illegally operating stations.

Subject: Re: Creating My Own Radio Station
Posted by [Malfoy](#) on Sun, 28 Oct 2018 15:14:53 GMT
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Don't get me wrong as I don't own an illegally operated radio station. I'm thinking whether there are illegal radio stations. I don't need to know the repercussions of such operations, but what could be the reasons why people would do this?
