

Choosing Licensed Two Way Radios

A one way radio only has the ability to receive a transmission, yet two way radios have the ability to operate in two ways, which is by both receiving and transmitting a radio signal. These types of two way radios are specifically programmed with a particular frequency range so you can safely and legally use it. They're often used by big hospitals, big businesses, and transport companies, among others, and so are found far and wide, but even ordinary individuals could benefit from having one.

Most of the time, two way radios will include features like push-to-talk, which lets you initiate a call right from your handset. You'll also find airwaves dedicated to weather and traffic reports, public safety information, and various other uses, most of which aren't crucial but can come in handy for some people.

Radios for drivers and fleets

If you need a private mobile communication device while you're on the road, two way radios make perfect sense. Most companies will let you use their frequencies as long as you register your license with them and pay a small fee.

You should keep the device in a relatively secure location, like your glove box, while you're not driving to avoid any break ins. When you need to make a call, simply press the button on your radio. You'll be able to talk for as long as you want, and the signal can be licensed for a few hundred or thousand feet depending on your needs.

Licensed radios

Since many of the world's communications devices are licensed, using a license makes sure that nobody does something that's illegal and all your communications are above board. You might think of it like a parking pass, but for your radios. When you get into high range radios, each one you are using will need to be licensed to be legally compliant. In this way, you can imagine the value of two way radios being licensed because it protects you from a legal perspective as well as making radio communication more secure.

Unless you are in the military, you're probably used to analogue radios. In the past, these were the standard form of communication, used in walkie-talkies and other similar gadgets. These days you can purchase a two way radio in one of two forms: analogue or digital.

Analogue radio can be prone to lots of problems including too much traffic on the line, poor audio quality and limited coverage. Because of recent advances in technology, analogue [licensed two way radios](#) are being increasingly replaced with digital radios, though analogue certainly has its place in modern communications.

The thing about digital radios is that you will most likely have to get a license to use them, and this goes for any radio over a certain power level and range of geographical coverage. Anybody who violates the rules can get in trouble with the law. You can search online for more information on whether you will be best served by a long-range digital radio or a more localised solution.

Digital is the newest form available and offers a larger area of coverage, more reliability, and it's a lot more efficient. So basically, it is a better alternative for radio communication in a modern world. There are also lots of affordable options meaning that if you're on a budget, digital radio is still a good choice for you. Even if you purchase a digital radio but would still like to use analogue from time to time then don't worry. Some products with digital radio allow you to switch in between both digital and analogue.

A note on radio channels

Radios work by the user tuning into a specific channel, and each is designated to a specific use in advance. That means you only have to use one channel for each type of communication, saving money on operating expenses and making your communications much easier to secure. You will still have to follow the rules from your country's authority like analogue use, but as long as you follow these rules you will be perfectly fine.

A good thing about licensed radios is that many channels are available without a subscription, if you look for them. These are usually limited to a single area such as a city or town. Because of this, if you're trying to communicate with out-of-town residents then you may need to look for an alternative. They can certainly come in handy for certain emergencies, so talk to your local retailer for more information.

Resources:

- [Walkie Talkies - HelpSite](#)
- [Two Way Radios - Merchant Circle](#)
- [Licence Exempt Two Way Radios - Patreon](#)
- [Intrinsically Safe Two Way Radios - Populr](#)
- [Atex Two Way Radios - Steemit](#)
- [Restaurant Two Way Radios - Thinkific](#)
- [Power Station Two Way Radios - Zenodo](#)