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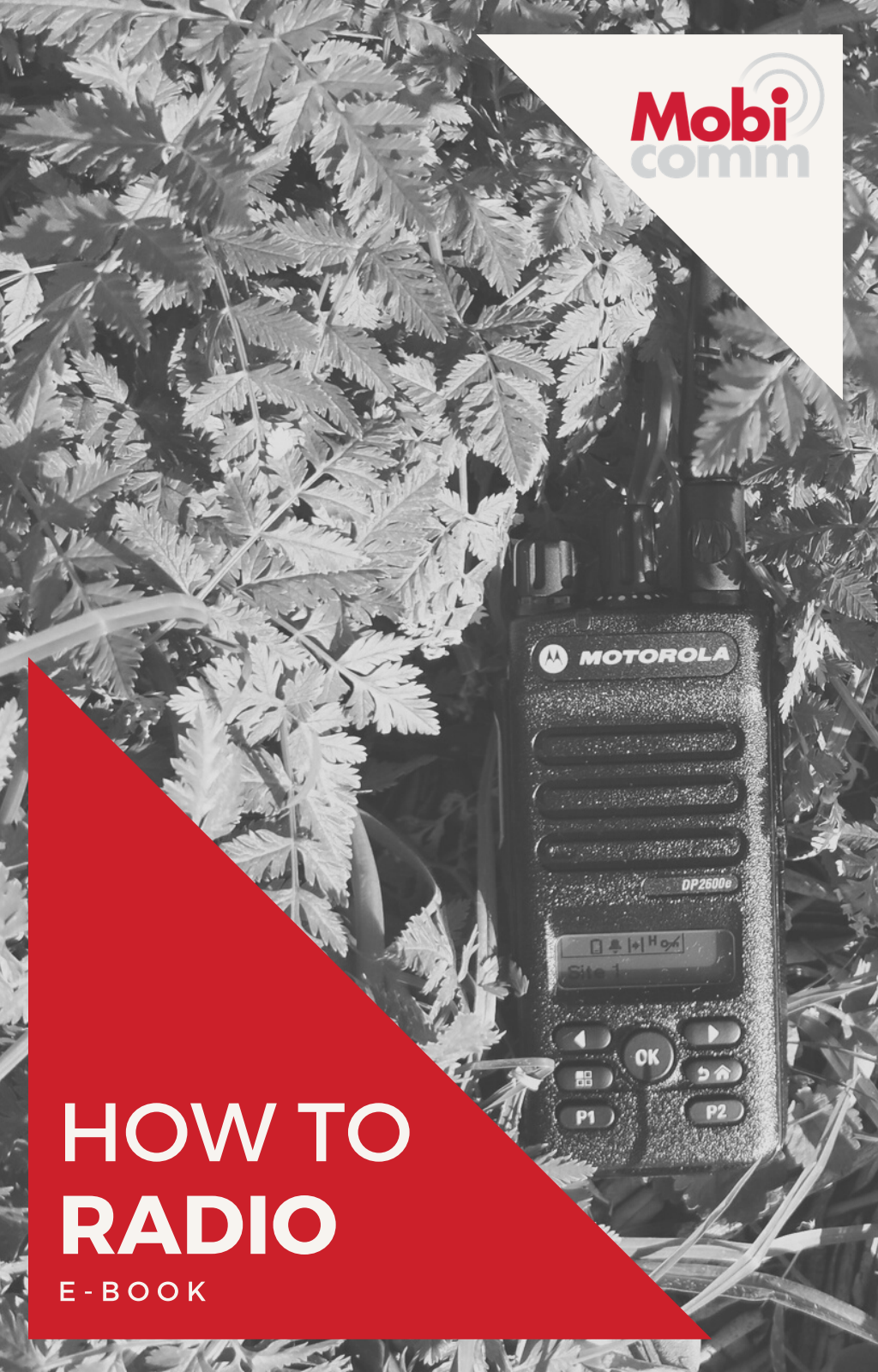

HOW TO **RADIO**

E-BOOK

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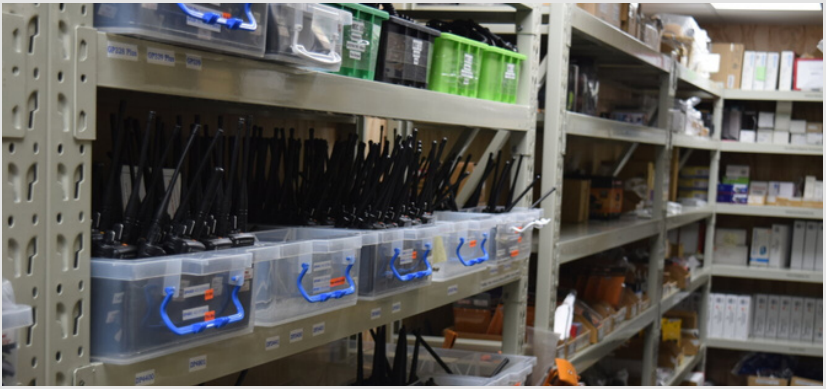


Buying Your First Radio

Two-way radios are an integral part of an efficient communication system, but there are so many brands, models, and varieties that it can be hard to figure out where to start.In order to ensure you are getting the right radio solution for your workplace, it's essential to evaluate your communication needs.

If you have a large team working inside a single complex, your needs will be different from a workplace where there are only a few employees, but they are spread out across a large distance. For example, if you work on a farm with a few employees, you are going to have specific needs that apply to you. You may want mobile radios that can be installed into a quad bike for when people are out on the farm or a smaller portable radio that can clip on to a belt.

If the terrain is uneven or there is a large amount of foliage you may also need a repeater to boost the signal, meaning you are able to communicate whenever and wherever you need to.

There are also some other features to consider if you are on a farm, such as man down that will ensure your workers are as safe as possible. On the other hand, if you work in a manufacturing plant or large complex, your needs will be different. You may want to use headsets, as these will allow you to clearly communicate in high-noise environments easily, as some can be noise isolating and even work as PPE.

You will also want to be sure whether you need a UHF or VHF set-up, which will largely depend on the size of your worksite. Regardless of what industry you are working in or the size of your business, the best thing you can do if you are wanting to evaluate the communication needs of your workplace is to contact the experienced team here at Mobicomm. They will be able to guide you through the process, and ensure you are getting the right equipment for the right job.

Our experienced team is able to program and install the radios, as well as provide maintenance when it is needed.

Intrinsically Safe Radios

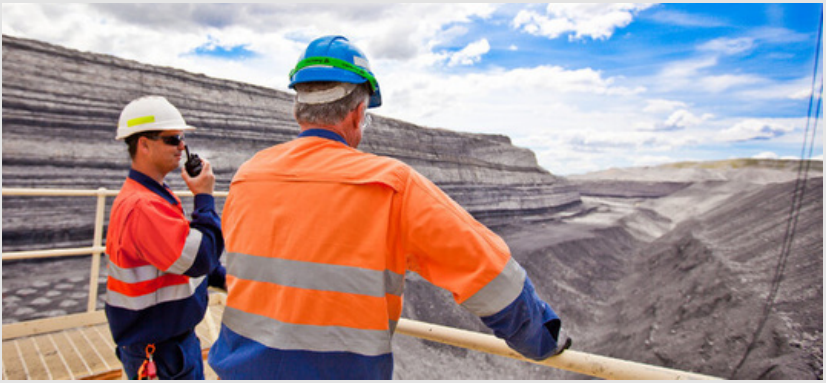
Intrinsically safe radios are those that have been specifically designed to be safe to use in hazardous environments, where the risk of fire is increased. This includes any situation in which you would have contact with highly flammable materials such as petroleum or gas. Two-way radios are electrical devices, and therefore have the potential to heat up, and even generate sparks, meaning they are not generally safe to use in these kinds of environments.

Intrinsically safe radios have been specifically designed and tested to be safe and secure in situations like this, ensuring there is no possibility of a spark being created, no matter how small it may be.

Every single part of these radios has been designed with safety in mind, even the housing of these radios are made out of a material that reduces friction, ensuring static electricity is not generated. Intrinsically safe radios also use batteries that have been specially designed to prevent short-circuiting in any way, meaning you should only use batteries you know have been made to these specifications.

It is also important that when you are using an intrinsically safe radio, that the accessories you use with it have also been classified as intrinsically safe. This includes any batteries, microphone, or even carrying accessories you may have, as using gear that is not intrinsically safe can greatly increase the risk of something going wrong.

As these radios and accessories are built and tested to a higher calibre than some other two-way radios, they can come with a higher price tag. While this may seem like a big commitment at first, it is important to remember that by investing in radios guaranteed to be safe in your work environment, you are investing in the safety of your staff and customers.



Real World Range

If you are thinking of implementing a two-way radio solution into your workplace, it's important to ensure that the radios you are using are going to be able to talk to each other.

This requires the radios to be 'in range' – meaning the signals that your radio is putting out can reach the radios you are wanting to talk to. Understanding the difference between 'ideal range' and 'real-world range' is essential to having a two-way radio solution that works for you.

The 'ideal range' of a two-way radio is the range that radio can achieve in perfect conditions, without any interference. This would require you to be completely unobstructed by buildings or foliage and have a clear line of sight to the person you are trying to communicate with.

Often if you are in a workplace where two-way radios need to be implemented, you aren't going to be able to ensure these perfect conditions. This is where 'real word range' comes in.

'Real-world range' is the actual range of a radio, as it works in the conditions of your workplace. This can vary based on the wattage of your radio, obstructions that may be in the way such as foliage, or even weather in some cases.

In some cases, the range of your radios alone may not be enough to communicate with the people on your team. In situations like this, it may be beneficial to install a repeater to boost the signal across your workplace. Repeaters are used to extend and increase the range of your radios, allowing you to communicate with your team across further distances and through more difficult terrain. They can overcome geographical features that would otherwise obstruct radio communications by breaking the line of sight or extending coverage to allow communication over greater distances.

This means a repeater can be a vital addition to your two-way radio fleet, particularly if you work on a large plot of land or there is thick foliage or other obstructions to your line of sight.

My Radio Won't Charge

Start by making sure the battery is sitting in the charger correctly.

It might seem obvious, but it's always a good idea to rule out the simplest causes. It can be easy to incorrectly place the battery in the charging cradle, particularly if it is done in a hurry or while doing other jobs. Taking it out and placing it back in carefully will give you a better idea as to whether the battery was sitting in the charger correctly.

Check the power supply you are running the charger off of, does it work to power other devices?

If it doesn’t, there may be a problem with your power supply, and it might be time to call an electrician.

Try using another charger to charge the battery, running off of the same power supply. If the new charger works, it could be a problem with the charger you were using before – not the battery.

Check and see if your charger will charge other batteries in your fleet that you are sure are in good condition.

If it won't charge other batteries in your fleet, it may be a problem with your charger. The best thing you can do in this situation is either call Mobicomm at 0800 947 426 or stop by our workshop at 36 Duke St, Frankton. We have a team of expert technicians that will be able to diagnose the problem and determine whether your charger needs to be repaired or replaced.

Ensure that the battery you are using is compatible with the charger you are using.

Not all chargers work with all batteries, ensuring you are using the right battery and charger will mean you can rule that out as a possible cause of not charging. If you are unsure whether your battery is compatible with the charger you are using, give us a call at 0800 947 426 and we can help you be certain you are using compatible gear.

Try the battery that doesn't seem to be charging in another handheld radio.

There is always the possibility that the radio you are trying to use is the real problem in a situation like this. Trying to use the problematic battery in a radio you know is in good condition is a great way to rule out that possibility. If it does end up being a problem with your radio, our team at Mobicomm will be happy to help you find a replacement that works for you.

If none of the above are working, it might be time to replace your battery.

Like all electronics, two-way radio batteries can't last forever. There are things you can do to ensure that they have a long life, but even with the best care, they will still need to be replaced eventually.

In the event of this, our team of expert technicians and installers will be more than happy to help you find a replacement that works with your radio and communication system.

External Microphones

External microphones are a great way to effectively communicate with your team, without needing to pick up your two-way radio. This is particularly effective if you work in an industry where you need to use your hands constantly and your radio is safely stored in a holster.

Accidentally dropping your radio when you answer a call is a common problem, especially when you are focused on something else. These microphones can be clipped somewhere convenient on your body, such as your shoulder, meaning you can respond to any communication without having to handle your actual radio, reducing the risk of dropping it significantly.

If you wear your radio on a belt clip or have trouble reaching your radio when you need it, an external microphone will be a great way to ensure you are always able to communicate important messages when you need to. As you can have your microphone mounted somewhere like your shoulder or attached to a harness, it will be far easier to hear those critical communications. This is particularly useful if you work around heavy machinery in an industry like construction, manufacturing, or forestry.

Some of these microphones may have noise-canceling technology as well, meaning your audio is transmitted as clearly as possible. This is great if you work in loud environments, where you may otherwise struggle with hearing or transmitting messages.

While many radios have great water resistance (this can be easily checked by identifying their IP rating), there is always the risk of getting water damage if you are caught in heavy rain. If you work outside, there's no way to guarantee that the day is going to go the way you planned it to, and if you and your radio get caught out in it, you could end up damaging your best form of communication.

Keeping your radio safely under your jacket, or in a protective case and using a waterproof external microphone will mean your radio stays safe and dry without compromising your ability to communicate.

If you are wanting to find out whether an external microphone is right for you, our team of experts at Mobicomm will be more than happy to help out.

Multi-Unit Chargers

Rather than having individual charging units with cords running everywhere, multi-unit chargers can charge up to six radios at a time, ensuring all of your batteries are being charged equally.

Many of these chargers may also come with a range of additional features not possible with single-unit chargers. This may include data cloning, which allows the radios to be more efficiently programmed.

By applying settings and programming changes to all of the radios on the charger at one time, you can cut down on the time it takes to program each radio individually. This is done by copying the settings of a 'master radio' that has been assigned beforehand.

Motorola's IMPRES range of multi-unit chargers and batteries are some of the best on the market currently.

With their innovative charging and conditioning technology, IMPRES multi-unit chargers streamline and automate battery maintenance. This means that talk time and cycle life are optimised, reducing the need for manual maintenance programs.

They also feature advanced conditioning, allowing batteries to be left on charge for longer than other chargers found on the market, without incurring heat damage.

Ensure your batteries are always charged when you need them by investing in a multi-unit charger. We have a great range of these that will be suitable for your existing batteries, or take the opportunity to refresh your batteries.

Our team of experts will be able to help you find the two-way radio solution that works for you.

Caring For Your Radios

Daily Use

A key way to ensure your radios all work effectively and have a long life is knowing how to properly look after your radios. While many of these are tough devices and are made to last in fairly unfriendly conditions, it's still best practice to look after them as best as you can. This is particularly true when dealing with rental radios, as it is important to bring them back in the same condition as when you were given them.

Even though many radios are made to be durable, it’s not a good idea to be reckless with your radio or throw it around; doing this will increase the chances of you having to replace or repair your radio.

Radios are made with an ergonomic design that fits the human hand well and should be comfortable to hold. It’s important that you aren’t grabbing your radio by its antenna instead of the body, as this could impact your radio's ability to transmit and receive when you need it to.

At Mobicomm, we offer many styles of cases and harnesses that mean that your radio is where you need it, when you need it, meaning there will be no reason to have to grab it by the antenna. Many of the cables that are used with radios are have a coiled design. This is an intentional design that improves audio quality, and they should not be stretched out completely.

Using accessories with your radio that are not compatible with your model can damage your radio or cause problems with how it operates. Our team of expert technicians and installers can help you choose the right accessories for your specific radio.

Unless your radio is safe to be in the water as is the case with certain models, such as those designed for use on boats, water could seriously damage your radio. Check your radio's IP rating and make smart decisions about where you are using it.

Charging

Only use batteries and chargers that you know are compatible with the model of your radio. Using incorrect batteries or chargers could damage both devices. If you are unsure of what is compatible with your radio, our team of expert technicians and installers can help guide you in the right direction and keep your radio safe.

Ensure that you are not charging a wet battery, as this can cause serious damage such as rust forming inside the charger or water damage.

At Mobicomm, we can tag and test all of your cables to ensure that they are safe to use, so always keep these up to date to avoid damaging your radio or batteries.

Storing

You may not always need to use your radio, and in those cases, they must be stored in a way that keeps them safe and ready to use next time. Ensure that they are put in a cool, dry place at about room temperature to avoid any dampness forming.

It's also important that you do not leave your radio in extremely hot temperatures or direct sunlight. Remember to take the batteries out of your radio if they are not being used, as this could have an impact on their charging ability.

Cleaning

There is no need to use heavy chemicals or sprays to clean your radio, as it could end up damaging it. Wiping them down with a cloth after you are finished using them for the day will ensure that your radio is ready to use and there is no build-up over time.

If you know that the environment you work in is particularly dirty, we offer a variety of radios that are made to stand up to those environments specifically, and our team of expert technicians and installers can help you to get the best radio for your specific needs.

At Mobicomm, we also offer a variety of protective cases to ensure your radio can remain in the best condition possible.

Preventative Maintenance

Ensure you have your radio serviced regularly by one of the expert technicians here at Mobicomm. This will ensure that your radio remains in working condition, and minimises your chance of something going seriously wrong.

IP Rating

When buying a new radio, it's important to know that it's going to be able to stand up to the environment that you'll be using it in. One of the key ways to determine whether this will be the case is the radios Ingress Protection rating or IP rating for short.

This is an internationally agreed-upon system that helps to categorise how resistant radios are to particles or moisture.
The code for IP ratings is fairly easy to understand, and it's incredibly helpful when buying new radios.

The first digit categorises the level of resistance to particles like dust or sand on a scale of 1 to 6. Many high-quality professional-grade radios will have a 6 as their first digit, meaning they are completely dustproof.

This is great for environments where there may be a lot of dust or dirt in the air, such as a construction site or farm.

The second digit describes how water resistant the radio is, on a scale of 1 to 8. A common IP rating for professional-grade radios is IP67. This means it is completely dust resistant and can stay in up to 1 metre of water for 30 minutes without being damaged.

Radios can have a perfect IP rating of IP68, but it is not necessary for every industry.

Breakdown of IP Ratings

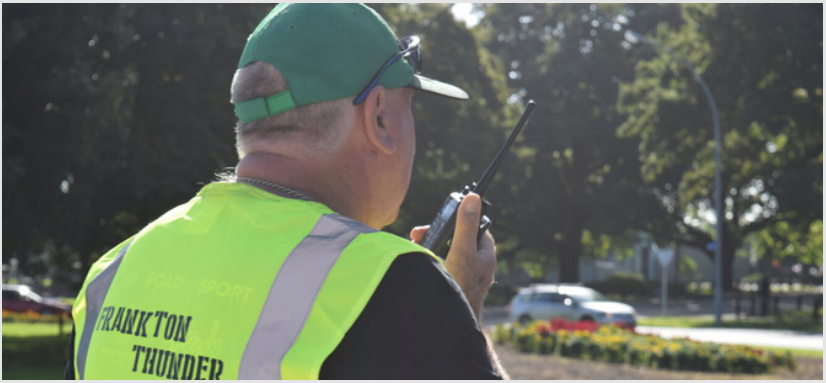
Dust Protection Scale (First Digit)

1. Protected against objects larger than 50mm
2. Protected against objects larger than 12.5mm
3. Protected against objects larger than 2.5mm
4. Protected against objects larger than 1mm
5. Protected against dust that may affect the operation of the device
6. Completely dust-proof

Breakdown of IP Ratings

Water Resistance Scale (Second Digit)

1. Protected from water dripping vertically
2. Protected from water dripping at a 15-degree angle
3. Protected from water spray at a 60-degree angle
4. Protected from water splashing at any angle
5. Protected from water jets from any angle
6. Protected from powerful water jets or heavy seas
7. Protected from being submerged in water for 30m at a depth of 1 metre
8. Completely waterproof up to 3 metres



Rental Radios

Rental radios are a great alternative to buying radios if you only need them for a short amount of time or a specific event.

As you are renting these radios at an affordable rate, they are more accessible for times where it may not be practical to purchase a complete two-way radio solution, only to have them sit on a shelf until the next time you have an event.

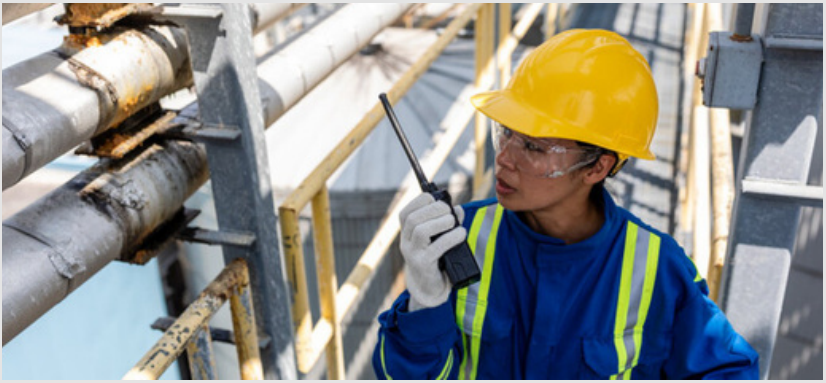
At Mobicomm, we have an excellent range of rental radios and accessories that will allow you to have a fully-functional communications system for whatever you've got going on.

We've worked with several events in New Zealand, such as the NZ Land Speed Record, Frankton Thunder, and Karapiro Rowing.

These events were looking for a simple and effective way to communicate, whether for security or organisation purposes.

By renting two-way radios, they could instantly talk to each other regardless of where they were, keeping people safe and connected.

Our experienced team here at Mobicomm will be able to guide you in the process of figuring out what equipment you need, to ensure your communication solution is operating as efficiently and effectively as possible.



Antennas

One of the greatest benefits of a two-way radio communications solution is the ability to instantly reach the people that you need to, when you need to, regardless of where you are.

A great way to ensure that this is going to happen is by making sure you have the correct antenna installed in your radio.

This can get confusing as there are several varieties that do different things and work with different radios. This guide will explain the two main styles of antenna and what their uses and advantages are.

Whip Antennas

As one of the more common styles of antenna used on handheld radios, whip antennas are great all-rounder shape. They have a flexible pole, meaning they can bend and move without being completely destroyed or potentially severing the wiring inside. They are usually around 14cm in length, meaning they have great long-range communications capability.

Stubby Antennas

The other main style of antenna used on handheld radios is the stubby. These antennas are shorter than most other antennas, meaning that they are often sturdier and have less chance of being damaged. They excel in close-range situations such as enclosed spaces, but their reduced size can affect their ability to work efficiently over long distances.

One of the greatest benefits of a two-way radio communications solution is the ability to instantly reach the people that you need to, when you need to, regardless of where you are. A great way to ensure that this is going to happen is by making sure you have the correct antenna installed in your radio. It's important that you know what kind of antenna you are going to need for your communications solution, and this guide will cover the two most common ways an antenna can be wired.

Helical Antennas

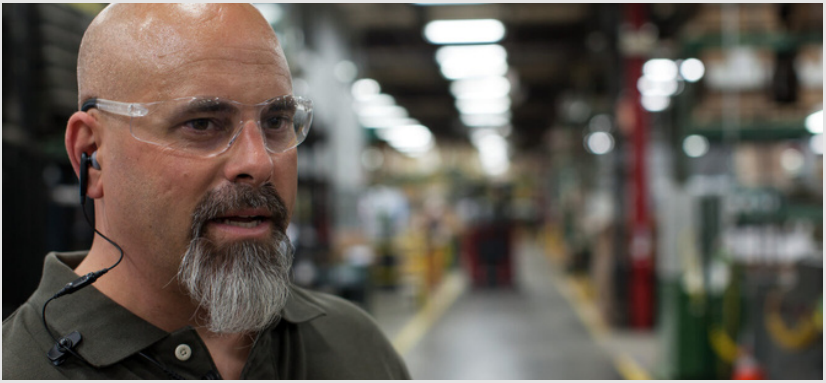
Usually for VHF radios as they require a longer antenna. To do so at full size wouldn't be practical for something you have to carry around all day. Instead, the interior wire is coiled tight to get the same effect as a longer antenna, without the size.

Though this type of antenna can be more expensive, you are getting more antenna and better range than you might be with a regular antenna.

Monopole Antennas

These antennas are exactly what they sound like, as they have a single piece of wire that runs through the rubber or plastic casing. This means the wire is fully protected, especially if used with a whip or stubby antenna shape.

Though they have a shorter wire than with a helical antenna, they are often used with UHF radios, meaning they have to cover less ground than their VHF counterparts. They can also be lower in cost as there is less wire inside.



Headsets and Earpieces

Communicating with everyone in your workplace in an easy, efficient way isn't always as simple as you might think. It gets even more difficult when you are working in a high-noise environment, such as a manufacturing plant or a construction site. That's why headsets and earpieces are such valuable tools in your communication toolbox.

There are many varieties of headsets and earpieces, each suited to fit the industry or job that they are required, from almost unnoticeable earpieces to rugged headsets.

An earpiece like the Motorola D-Shell Style Earpiece is great for discreet communication, giving you clear audio that only you can hear.

This means these kinds of earpieces excel in areas where information may be sensitive, or conversations need to be kept fairly quiet.

These can also be used in addition to scrambling technology to ensure even more privacy of communication.

On the other end of the spectrum comes things like the Motorola Hard Hat Mount Headset, which have been specifically designed for industrial workers working in high noise areas. The headset is fully integrated into the hard hat, which is made of a sturdy material that will be up to code with most workplaces health and safety standards.

This style of headsets are great for industries such as manufacturing and construction, as they provide protection as well as clear audio even in high noise situations, meaning communication is ensured to go through. This helps to keep your workplace not only more efficient but safer as well.

Repeaters

Repeaters are used to extend and increase the range of your radios, allowing you to communicate with your team across further distances and through more difficult terrain.

They are able to overcome geographical features that would otherwise obstruct radio communications by breaking the line of sight or extending coverage to allow communication over greater distances.

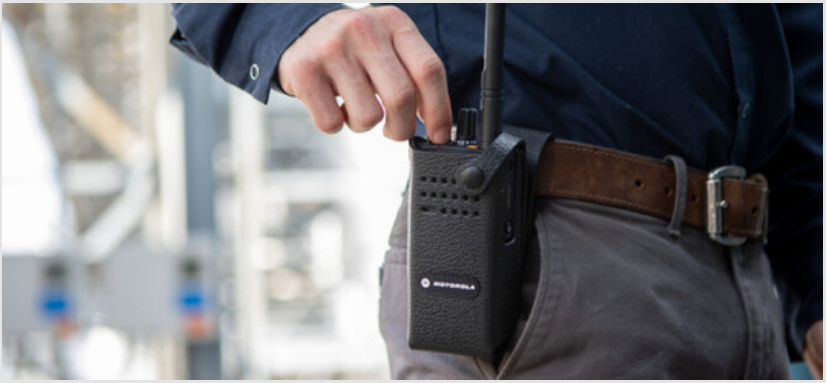
This means a repeater can be a vital addition to your two-way radio fleet, particularly if you work on a large plot of land or there is thick foliage or other obstructions to your line of sight.

While repeaters can be expensive at times, our team at Mobicomm has developed a custom farm repeater that can be adapted perfectly to your pre-existing communication setup, operating on either a digital or analogue system, as well as through either UHF or VHF.

In addition, this repeater can be run off of either solar or mains power, meaning it will always be active when you need it, never leaving you without the extended communication range that your farm or worksite may need.

Repeaters can also be equipped with a variety of features, further improving communication in your workplace. These include one push group calling and important safety features such as “man down” or “lone worker”.

These features mean that even if someone is working by themselves, they will be able to be located and their safety will be ensured.



Carrying Accessories

When you are working somewhere like a construction site or a farm, you must have your two-way radio on you at all times.

An effective way to do this is to use a carrying accessory such as a belt clip or a harness, which allows you to keep your radio where you need it without having to worry about it.

Using a chest pack is great if you work in an environment where you'll be moving around frequently, and don't want to risk losing your handheld radio.

This is one of the most secure ways to carry your radio, as it is stored in a velcro-secured pouch, which both keeps it in place as well as allowing for quick access if you need your radio in a hurry.

Cases that can clip to a belt or other straps are great to keep your radio on hand and secure while retaining a clean, discreet appearance.

Made out of top-grain leather, this style of carrying accessory is sturdy enough to protect your handheld radio through most general wear and tear.

These are also different from many other cases in that they can still be used for basic functions while in their case, further increasing their utility in the workplace.

Man Down and Lone Worker

When you are working alone, especially in environments where there is a risk of injury or rough terrain such as a farm, it is essential to have communication options available.

One of the best ways to protect yourself from tragedy and potential legal implications is with a modern and fully functioning two-way radio system, many of which can be equipped with features specifically made for lone workers, such as ‘man down.’

Man Down and Lone Worker features ensure injured workers can call for help and lets you keep track of where your workers are at all times.

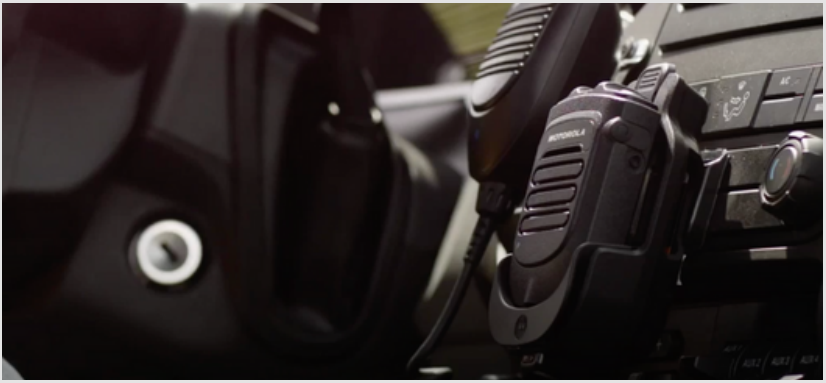
The way that ‘Man Down’ works is that your worker is moving abnormally, or is at a different angle than they would usually be (for example if they are primarily standing, but the radio shows that they are lying down) for an extended period of time, an alert will be sent to the user. If the user does not respond, a message will be sent to a ‘control radio’ that has been determined beforehand.

Some radios also can use a feature called 'Hot Mic,' which allows the microphone on the radio to automatically switch on, meaning the person who is affected can talk without needing to be able to move. Not all radios are compatible with ‘Man Down’ technology, however, as it has to be installed into the individual radio.

Talk to one of the skilled professionals at Mobicomm to find out how you can integrate ‘Man Down’ into your communications system.

Lone Worker technology works using GPS signals, allowing supervisors to see where their workers are on their site. This is especially useful if you are on a large farm and people are working alone. I

f there is rough terrain or an accident happens, the supervisor will know where to can send help immediately. This ensures that your workers are as safe as possible at all times, and can prevent further complications.



Wireless RSM

Long-range wireless remote speaker microphones (abbreviated to RSM) allow you to maintain critical communications if you are away from your vehicle or mobile radio.

As your vehicle has an aerial, there are places where it will have better coverage than your handheld radio. Using a wireless RSM allows you to take advantage of your mobile unit's enhanced coverage outside of your vehicle (up to a range of 100m).

Having a wireless RSM can prove also be useful if you are a remote worker or heavy machinery operator and need to leave your vehicle, where your mobile radio is.

They allow you to directly communicate in the same way that you would with the radio in the vehicle, acting exactly like the wired microphone that you already know how to use.

These can also be useful for security purposes, as they are discreet and can be used with headsets or earpieces, and can operate on a dark mode.

Some models also have a task light, which while not essential to communication, is a convenient feature, and reduces your load even more.

CB and PRS Radios

Citizen Band (CB) and Personal Radio Service (PRS) radios are great for taking away on a vacation, or for personal, infrequent use, but aren't meant to be used as tools in a business environment.

While CB and PRS radios have a lower initial cost and may seem appealing to the first time buyer, they will not stand up to the wear and tear that business-grade radios can.

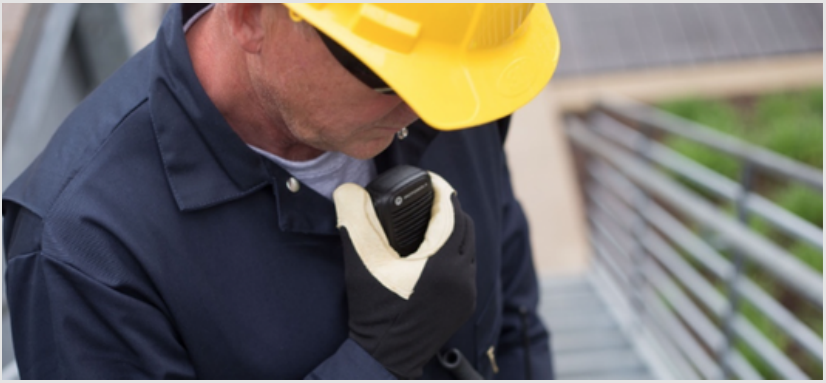
Not only this but using a CB or PRS radio for business reasons can void their warranty. This means if anything goes wrong, the cost of repair will come out of your pocket, or you may have to buy a whole new radio.

This means that while these radios may seem appealing at first glance, the benefit of the lower purchase price will not outweigh the number of times you'll have to pay to repair or replace your CB or PRS radio.

Business-grade radios are built first as tools, not toys, and should be used that way. This means they will stand up to the wear and tear of everyday use, and often will have more features that can help in a business environment, such as man-down.

So if you are looking for a long-term communication solution for your business, you're going to want to go with a professional, business-grade radio.

At Mobicomm, we only stock radios from brands that we trust and know can deliver exactly what you need from a communication solution.



Migrating to Digital

At Mobicomm we understand the importance of staying connected in the most efficient and effective way possible.

As we move into a new era of two way radio communication, it's vital to ensure your workplace stays up-to-date with a digital radio solution.

While this might seem imposing, the benefits more than justify the cost, and we provide methods of allowing you to 'migrate' from analogue to digital over time.

As you add digital radios to your pre-existing system, they can operate on your analogue channels until you have fully implemented the digital solution.

With a digital radio system, you can immediately experience the benefits, as digital radios experience up to a 40-percent increase in battery life, as well as improved call clarity and background noise reduction. This is particularly useful in high-noise areas as commonly found in construction and hospitality sectors.

Another feature unique to digital radios is consistent quality and clarity of communication right up to the edge of the covered area. With the analogue systems, as you move towards the edge of coverage the quality of the signal will decline, which can make it hard to understand what is being transmitted.

With a digital two way radio solution you can be sure your lines of communication are always clear and available.

These radios can be equipped with features such as transmit interrupt and remote ‘voice dekey’, which clear the channels if there is a lot of chatter or someone is sitting on their PTT (push to talk) button. This allows you to cut through the noise and get vital information through easily and effectively.

Preventative Maintenance

Preventative maintenance checks are regular inspections that operate in the same way that you would service your car. If you don't service your car regularly, you may be completely unaware of issues that are causing you trouble on a day to day basis.

The same thing can happen to your two-way radio system, think of them as a WOF for your communications system. Through these checks, we can ensure that nothing is getting in the way of communication in your workplace.

As many industries have seasonal fluctuations, scheduling preventative maintenance checks before peak times can ensure that your day to day operations can continue without interruption.

You would be amazed at some of the faults that we find. One driver logged a fault that his radio wasn't going – the simple answer was that the aerial was nowhere to be found.

Recently we carried out a radio audit and maintenance check for a new customer and found that the radio configuration had been slightly out for years. This meant their coverage was greatly reduced, all it took was a simple fix to get a very happy customer; but without getting it checked, the problem may have continued unnoticed.

During our preventative maintenance checks, our technicians will physically inspect the equipment, remove any dust or foreign material from the radios as well as measure, test, align and tune antennas.

They will also ensure that the frequencies your radios are transferring and receiving on are correct, evaluate battery condition and service life as well as an upgrade to the most current firmware if necessary.

If you are interested in learning more about preventative maintenance, our team at Mobicomm can help figure out how we can make it work for you, and ensure that your radio solutions are always working when you need them.

Added Features

Two-way radios are the industry standard for efficient, effective communications in worksites, factories, and agriculture sectors all around the world.

They are simple to use and can easily be integrated into any workplace to improve safety and ensure clear lines of communication, regardless of scale.

As the technology behind these radios progresses, however, they are able to do so much more than just allow you to talk. Functions like lone worker can further improve the way you communicate in your workplace, making it safer and more efficient.

GPS Tracking

GPS tracking allows you to keep track of where your workers and their radios are at all times. This is especially useful if you have a large workplace, where your workers will be spread out and unable to see and hear each other.

If anything goes wrong, you can quickly check the location of the radio in question, saving time that may be valuable in an emergency.

Scrambling

Also known as eavesdrop reduction, is a way to keep the communications between your team's radios private.

If anyone who doesn't have the decryption key tries to listen in to the conversation, they won't be able to hear what you are saying clearly, only hearing a distorted noise.

This is great for industries where you want to keep your communications private, like security or services.

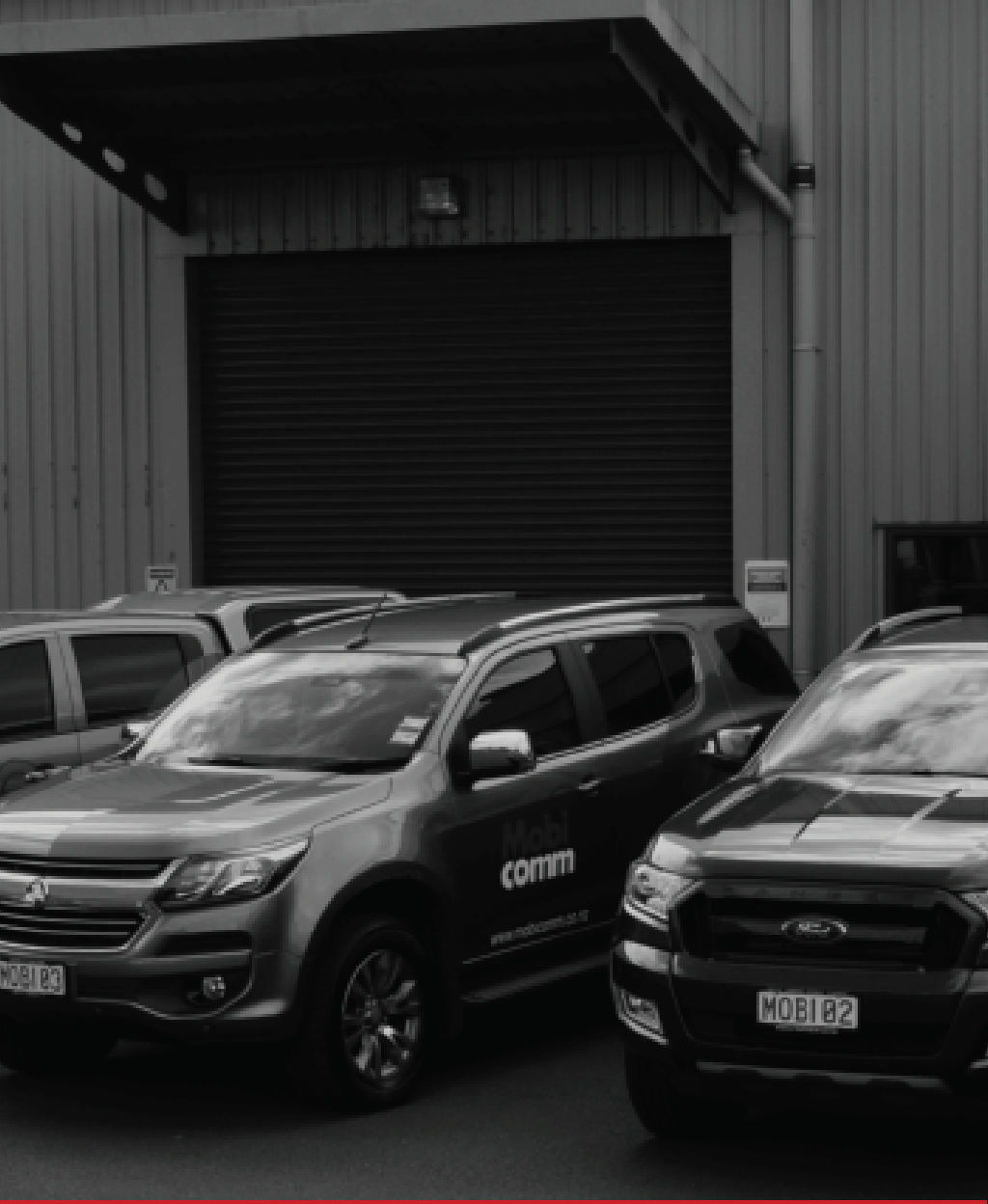
Text Messaging

Texting isn't just for phones anymore; many modern two way radios can communicate using text messaging to easily and quietly send information between two or more radios. This can be great if you are worried about the environment being too noisy to clearly hear the speaker or if you need to quickly get information out in a simple way.

If there are situations that are common in your workplace, you can pre-program a variety of messages that are understood by the whole team and can work on radios that may not have a full keypad. This ensures clear communication and avoids problems like misinterpretation or typos.

These features can completely revolutionise the way your workplace communicates, and ensure that you have a safer, more efficient two-way radio set-up. You don't have to activate these features on all of your radios either. If you have a manager or team leader, you can give them the extra capabilities without complicating the other team member's radios.

Our team of skilled technicians and programmers here at Mobicomm can also help customise the set-up so that you get the features that are right for you.



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