



EXPERT MOBILE
COMMUNICATIONS

Get ready for Spring!

HOW TO CARRY OUT PREVENTATIVE MAINTENANCE
FOR YOUR TWO WAY RADIOS

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expertmobile.ca**

Regular Cleaning

Clean the exterior of the radio with a damp cloth to remove dirt and dust buildup. Avoid using abrasive materials or cleaners that can damage the radio. ***Do not spray liquid directly on the radio.**

*Regular cleaning can prevent malfunctions that may occur due to corrosion or oxidation. Liquids like sweat, moisture, cleaning chemicals and other environmental factors can cause oxidation or corrosion of metal parts in the radio, leading to poor performance or even complete failure.



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Check for physical damage

Damaged antenna, radio housings, and controls can significantly impact your radio's performance. Watch out for any signs of damage.

Address any issues immediately to avoid further damage or failure.



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Inspect batteries and charger

Check the battery and charger regularly for any damage or signs of wear. Ensure that the battery is fully charged and properly inserted in the radio.

Test radio battery, including spare batteries to ensure they're within their shelf-life and working within manufacturer specifications. If there is any question about a battery's ability to get your team members through an entire shift, it might be time to recycle it and purchase a replacement.



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Update your radio firmware

Stay up to date with any software updates or patches that are released by the manufacturer. This can help improve the performance and security of your radio.

Firmware is essentially what tells the radio components how to interact with each other. Having up to date firmware means that any improvements to these operating instructions, including new software related features, will be available to you.



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Test & align radio

This typically requires specialized equipment and knowledge. It involves adjusting the radio's internal components to optimize its performance on a specific frequency or range of frequencies.

Aligning a two way radio is necessary to ensure that the radio's antenna is working efficiently and effectively. This adjusts the antenna to the correct frequency, which optimizes the radio's signal strength and clarity. Without alignment, the radio may have poor signal strength and clarity, which can lead to communication issues and reduced overall performance.



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Hire the Experts

Regularly cleaning your radio is simple, but to enhance its performance, trained professionals equipped with the right tools and expertise should handle testing, tuning, and required software updates.

! Attempting to tune a radio without the proper knowledge or tools can result in damage to the radio and poor performance.



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Let us handle it

Let us maintain your radio for you so you can focus on your business. After every service, our team will recommend the best course of action, which may include repairs, replacement or renting. Contact us for assistance.

Making two-way radio maintenance the first step in your project plan will mitigate the risk of downtime and lost production because of a gap in communications.



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