

NCS-C250 Watchdog Timers

The C250 incorporates Watchdog Timers for each radio that prevent the radios from continuously transmitting due to a malfunction. This helps prevent interference with communications.

When a radio is keyed, either from the PTT switch on a microphone connected to the C250 or from a COR signal from another radio when in Repeater mode, a 3 minute Watchdog Timer is started for that radio. After 3 minutes of continuous transmission the Watchdog Timer disables the PTT to the radio which then stops transmitting. The Watchdog timer is reset and the radio's PTT is re-enabled when the PTT button is released or the COR signal stops depending on the mode.

If the Watchdog Timer has disabled the PTT to a radio, it will automatically reset and re-enable the radio's PTT after 30 seconds of no transmission.