

XMD

Loneworker- Mandown Biometric Monitor



The health and safety of employees is every organizations prime responsibility. While most workplaces are generally well equipped to support personnel as the go about their duties, the duty of care for remote loneworkers is another question. Being remote and working alone means those employees must not only be correctly equipped to effectively perform their duties but at all times be fully cognizant of their own safety and security.

X10DR is all about providing instant and continuous connectivity for the user when away from their vehicle, so a call for help is but a press away. But what if a “press” is not possible, what about if the user has been rendered unconscious by a physical fall, electric shock, personal attack, snake bite or other workplace mishap? That is where our XMD mandown biometric monitor facility can provide a significant role in enabling near immediate response to a remote employee’s situation.

The XMD integrated safety solution is available in both Pro Plus and Elite Plus handsets. By constantly monitoring the movement of the user, we can detect whether that person is awake and conscious or is dormant and immobile. Should the user fail to move for 2* minutes then an escalating alert tone is sounded in the users handset to make them aware an Emergency duress alarm is about to be triggered. If no movement has been detected after 30* seconds. Then the attached host mobile radio’s emergency input would triggered. In the case of a false alarm, the emergency can usually be reset by long pressing the Emergency button if the mobile radio is configured for such.

For user convenience, the mandown biometric monitor is enabled the moment the handset is removed from its charging cradle and disabled upon its return. To temporarily disable the feature, the grey top control “Talkaround” button should be held down whenever the handset is removed from the charging cradle or is powered up. A courtesy reminder tone will sound every 2 minutes while disabled. To reactivate the feature, then place handset in its charger and take out again, or power off and on the handset. .

Advanced Emergency features

Configuration of the handset and gateway programming parameters can further allow “Live Mic” transmissions to occur one or more times to provide situational awareness of the immobilised user to listeners on the radio channel,. Additionally, for Elite Plus multi handset installation or where a second user is equipped with XTBM Talk Back Mic and audible alert will be broadcast locally so those co-workers closest by can be immediately notified.

*Custom Operation

Timing shown with an *asterisk can be modified in accordance with your workplace specific requirements by custom quotation