

## Addendum to Identicom User Guide for Identicom i770 revision 1.17

This document contains details of new functionality, delivered in the Identicom i770, relating to the addition of man-down functionality and extension of the Identicom amber timer, introduced in software versions V3.12 and later, in July 2007. It replaces the existing sections, with the same name, where present, in the guide:

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### Options when in an Amber Alert timer period

Your options when in an Amber Alert Timer period are to cancel it, to extend the period, or to allow it to escalate into a Red Alert.

- You can press the Amber Alert button for more than 1.5 seconds to cancel the Amber Alert Timer period. This signifies that the potential danger did not arise, or that you are now away from the hazardous situation. The Identicom signals confirmation by giving two short vibrations.
- You can press the Amber Alert button for less than 1.5 seconds to extend the Amber Alert Timer period. The duration of the extension is configurable between 1 and 60 minutes, or can be variable (see below). The Identicom gives a short burst of vibration to confirm the extension. The end of the extension period is signalled in the same way as the original Amber Alert Timer period, and you can continue to extend repeatedly, for as long as you need.
- If you do nothing when the Amber Alert Timer period ends, the implication is that you were not able to take any action, the Identicom enters the Red Alert state. (This is described in Section 5 of this guide.)

You do not have to wait for the signalled end of the Amber Alert Timer period to cancel it or extend it. Pressing the Amber Alert button for more or less than 1.5 seconds at any time during the Amber Alert Timer period will cancel or extend the period, as described above.

It is possible for your Identicom to be configured to allow you to specify the length of time that you want to extend the Amber Alert Timer for, during operation. Your manager or the supplier of your Identicom will be able to tell you how your Identicom has been configured. In this case, the

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extension period will correspond to the number of times you press the Amber Alert button, in relatively quick succession (i.e. each button press should be for less than 1.5s and there should be less than 1.5s between each press). Each button press corresponds to an extension time of 15 minutes, therefore if you press it three times it will start an extension period of 45 minutes. Acknowledgement will be provided to the user by Identicom flashing the signal LED amber for the number of 15 minute periods; this set of flashes will be given twice. The maximum extension period is two hours (eight button presses). Each time you start a set of button presses Identicom will clear the remaining Amber Alert time and will start timing from that point with the time that you set, allowing you to reduce the time as well as extend it.

## Man-Down

The Identicom i770 includes the capability to automatically raise an alert in the case of your injury or incapacity. As with other functionality on your Identicom there is great opportunity for the man-down operation to be customised to meet your specific needs. Please check with your manager or the supplier of your Identicom for details of how your unit has been configured.

### Enabling man-down operation

Your Identicom i770 can be configured to either detect a man-down situation at any time that the unit is not connected to its charger, or only when the amber timer is running. In the latter case, you can check whether the amber timer is running, and extend or cancel its operation as described in the amber timer sections of the manual and this addendum. Cancelling the timer, in this mode, or allowing the timer to expire will stop the Identicom from detecting a man-down.

Note that it is now possible for your Identicom to have been configured such that the amber timer is only used for this purpose and will not raise a red alert when it expires. Please check with your manager or the supplier of your Identicom as to how this has been configured.

### Man-down detection

When your Identicom i770 is looking for a man-down situation it will be triggered by one of a number of conditions (dependent upon its configuration):

- The unit being tilted beyond a pre-determined angle for more than a set time.

- The unit being static (no movement) for more than a set time.
- Either meeting the tilt condition or that of non-movement.
- Meeting both the tilt condition and that of non-movement.

The detection of any of these conditions will put the unit into its pre-alert state.

Note that the time for which the unit must be static before entering the pre-alert state will be reduced if an impact has been detected beforehand, making it more responsive to such a situation.

## Man-down pre-alert

In the pre-alert state the Identicom i770 will try to alert you before making a call to the monitoring centre. It will do this by means of increasingly insistent vibration patterns. If you do not clear the alert it will then call your phone, if configured to do so, and if answered will give a clear audio indication of the vibration pattern alerting you to its state. This call will last for just 10 seconds before it moves to the alert state.

At any time during this pre-alert phase you can clear it by removing the man-down condition, standing up if tilt or moving if non-movement, or by pressing the red alert button briefly (for less than 1 second). The Identicom will go back to its standby state, waiting for another man-down condition.

Note that if you have put the unit down and it has gone into the pre-alert state on the table and you have cleared it with a button press then it will not detect a further man-down condition until it has been moved or taken upright, dependent upon the detection configuration.

## Man-down alert

If you do not clear the pre-alert state then the Identicom i770 will dial the remote monitoring centre, alerting them to your situation. During this call a three pulse vibration heartbeat will occur every 10 seconds, audible to the monitoring centre, indicating that the man-down condition is still true. It is not now possible to cancel this call by clearing the man-down state, though this will change the heartbeat to a two pulse pattern. To clear the call you need to hold down the Red Alert button for greater than 1.5 seconds.