

# Cellocator™ Handsfree

## Release Notes



Cellocator Division  
Pointer Telocation Ltd.

Proprietary and Confidential

Copyright © 2000-2008 Pointer Telocation

Version 1.2

Revised and Updated: February 26, 2009



**POINTER**



# CELLOCATOR™ Handsfree Release Notes



## Table of Contents

<b>1</b>	<b>Introduction .....</b>	<b>3</b>
1.1	Overview .....	3
1.2	Compatibility .....	3
<b>2</b>	<b>Product Content .....</b>	<b>4</b>
2.1	Hardware .....	4
2.2	Infrastructure – FW Version .....	5
2.3	Utility Package – SW Version .....	5
2.4	Developer Documentation .....	5
2.5	Technical Documentation .....	5
<b>3</b>	<b>Known Bugs and Issues .....</b>	<b>5</b>
<b>4</b>	<b>Application Notes .....</b>	<b>5</b>



# CELLOCATOR™ Handsfree Release Notes



## 1 Introduction

### 1.1 Overview

The Cellocator™ Handsfree module allows the driver to communicate with an assistance representatives, and CCC operators to follow developments in the driver cabin after a panic button has been pressed.

The Handsfree device allows for full duplex voice connectivity via microphone and speaker. The user may initiate, answer and disconnect calls via a service button. The destination of call initiated hands-free is a predefined number. The driver may also initiate a panic call to a predefined number (control center) using the panic button. The Handsfree module also supports silent monitoring whereby the control can listen to the driver and to developments in the cabin with the speaker muted. A LED indicates the status of the call.

The Cellocator unit disconnects when the other party hangs up and may be programmed to answer automatically.

For further information please refer to Cellocator™ Handsfree Product Overview.

### 1.2 Compatibility

The Compact Security, Compact Analog-Input and Compact 370-50 products do not support the additional voice service button and therefore does not support the manual answer and disconnect functions.

The full-duplex operation requires an appropriate cellular modem capable of controlling the voice characteristics and the echo canceling operation. It also requires firmware which provides the necessary parameters to the modem.

To verify the compatibility of a certain Cellocator unit with the Handsfree module, please refer to your Pointer contact person.









## CELLOCATOR™ Handsfree Release Notes



## 2 Product Content

The Cellocator™ Handsfree includes the following components:

### 2.1 Hardware

Part	Description	Picture
<b>AR0188 SPEAKER</b>		
<b>AR0189 MICROPHONE</b>		
<b>GH0350000-0010</b> Cellocator™ Handsfree module	The Handsfree module allows for full duplex voice communication.	
<b>Noise Filters</b>	The noise filter package contains 100 noise filters. In some cases 2 filters are used for noise suppression.	
<b>712-20016</b> <b>Cellocator™</b> <b>Handsfree Set</b>	The set incorporates a microphone, a speakerphone and the Handsfree module.	
<b>711-00196</b> <b>Compact Harness</b>	Optional harness that incorporates shielded voice wires for reducing the electrical noise generated by the vehicle. It also contains a panic button and a status LED.	
<b>711-00197</b> <b>370-50</b> <b>Voice Harness</b>	The optional dedicated voice harness for the Cellocator 370-50 incorporates shielded voice wires for reducing the electrical noise generated by the vehicle.	
<b>711-20001</b> <b>Distress Button</b>	Optional service button used for initiating, answering and disconnecting voice calls. May be used also as panic button for the 370-50.	



# CELLOCATOR™ Handsfree Release Notes



## 2.2 Infrastructure – FW Version

## 2.3 Utility Package – SW Version

## 2.4 Developer Documentation

## 2.5 Technical Documentation

- ◆ Cellocator™ Handsfree Product Overview Version: 1.2
- ◆ Cellocator™ Handsfree Release Notes – this document Version: 1.2

## 3 Known Bugs and Issues

## 4 Application Notes

1. The specified harnesses must be installed for proper voice quality.
2. The Cellocator units must be flashed with special firmware , provided for the beta phase, for guaranteeing proper voice quality.
3. In case of clipping noise in the silent period between calls, the noise filters must be installed as described in the Cellocator™ Handsfree Product Overview .
4. The Compact Security, Compact Analog -Input and Compact 370 -50 products do not support the additional voice service button , and therefore does not support the manual answer and disconnect functions.
5. The use of Pointer materials mentioned in this document, and their proper installation in accordance the instructions specified in Cellocator™ Handsfree Product Overview , is crucial to achieve suitable voice quality. Specifically, the specified shielded harnesses must be used.
6. Initiating a call via the call service button might take up to 10 seconds before the appropriate telephone network tones are heard.
7. Initiating call via the distress button might take some time before the appropriate telephone network tones are heard. In order to shorten this interval, the number of distress messages should be kept to the minimum possible.
8. On Telit-based units, during the first few seconds of the first voice call after a modem reset, there is a weak echo on the far end. The echo is automatically disappears.