



# **Sonim Xtreme Performance 1 - (XP1 (bt))**

## **Bluetooth Car Kit Installation and User Guide**

DOC NUMBER: SON-100290

### **SONIM CONFIDENTIAL**

This document has been provided under the terms of either an existing Non-Disclosure Agreement and/or Partnership Agreement. By accepting delivery of this document, the recipient acknowledges and agrees that: i) the recipient will use this document only for the purpose for which it has been supplied; ii) the recipient will not disclose this information to anyone not covered by our mutual NDA; and iii) all the information contained herein will be treated as strictly confidential material.

Copyright © 2008 Sonim Technologies, Inc.

SONIM and the Sonim logo are trademarks of Sonim Technologies, Inc.

Other company and product names may be trademarks or registered trademarks of the respective owners with which they are associated.

**Sonim Technologies, Inc.**  
1875 South Grant Street, 8<sup>th</sup> Floor  
San Mateo, CA 94402, USA  
[www.sonimtech.com](http://www.sonimtech.com)  
+1 (650) 378 8100

## Contents

|          |  |           |
|----------|--|-----------|
| <b>1</b> | <b>Overview .....</b>  | <b>6</b>  |
| 1.1      | Sonim XP1 (bt) Phone .....   | 6         |
| 1.2      | Sonim Car Kit Accessories.....   | 6         |
| 1.3      | Supported Car Kits for Sonim XP1 (bt) Phone.....                             | 7         |
| 1.4      | Supported Bluetooth Headsets .....   | 8         |
| <b>2</b> | <b>Setting Up and Using Sonim XP1 (bt) Phone with Bluetooth Car Kit.....</b> | <b>9</b>  |
| 2.1      | Power Requirements.....  | 9         |
| 2.2      | Setting Up the Car Kit Using Sonim Car Kit Accessory.....                    | 9         |
| 2.3      | Charging Your Phone.....   | 10        |
| 2.4      | Connecting the Car kit and the BT phone .....                                | 10        |
| 2.5      | Operating the Phone with the Car Kit .....                                   | 13        |
| <b>3</b> | <b>Troubleshooting Information .....</b>                                     | <b>14</b> |
| <b>4</b> | <b>Appendix – Using Supported Car Kits .....</b>                             | <b>15</b> |
| 4.1      | Using BlueAnt Supertooth.....  | 15        |
| 4.2      | Using Motorola T305 .....  | 15        |
| 4.3      | Using Nokia CK-7W .....  | 15        |
| 4.4      | Using Nokia CK-15W .....   | 16        |
| 4.5      | Using Parrot CK 3100.....  | 16        |
| 4.6      | Using Sony Ericsson HCB-120.....   | 16        |

## About this Guide

This guide helps the users to setup and use Bluetooth (BT) car kits that support Sonim XP1 (bt) phone. It also provides details about the various Sonim Bluetooth accessories and supported BT headsets. It includes,

- [Overview](#)
- [Setting Up and Using Sonim XP1 \(bt\) Phone with Bluetooth Car Kit](#)
- [Troubleshooting Information](#)
- [Appendix – Using Supported Car Kits](#)

### Documentation Convention

| Type Face           | Convention  |
|---------------------|---|
| <b>Arial Bold</b>   | Represents the menu options of the BT phone user interface, screen names, device names and highlighted options. |
| Century Gothic      | Represents the hard keys on the phone.  |
| Courier             | Represents the menu option to be selected.  |
| <i>Arial Italic</i> | Represents the messages displayed on phone and car kit screens.   |

### Acronyms and Definitions

| Acronym | Definition                             |
|---------|--|
| BT      | Bluetooth                              |
| DC      | Direct Current                         |
| GPRS    | General Packet Radio Service           |
| GSM     | Global System for Mobile communication |

About this Guide

**Technical Support**

| Particulars | Details   |
|-------------|---|
| Address     | 1875, South Grant Street,<br>Suite 620, San Mateo,<br>CA 94402,<br>USA        |
| Telephone   | 1-650-378-8100.   |
| Website     | <a href="https://sonimtech.custhelp.com/">https://sonimtech.custhelp.com/</a> |

Overview

# 1 Overview

A Bluetooth (bt) car kit enables you to perform hands-free dialing and call answering, while driving.

BT car kits are convenient extensions of your bt enabled mobile phone. These include several hands free features and also provide excellent audio quality, remote control access and other numerous benefits and features.

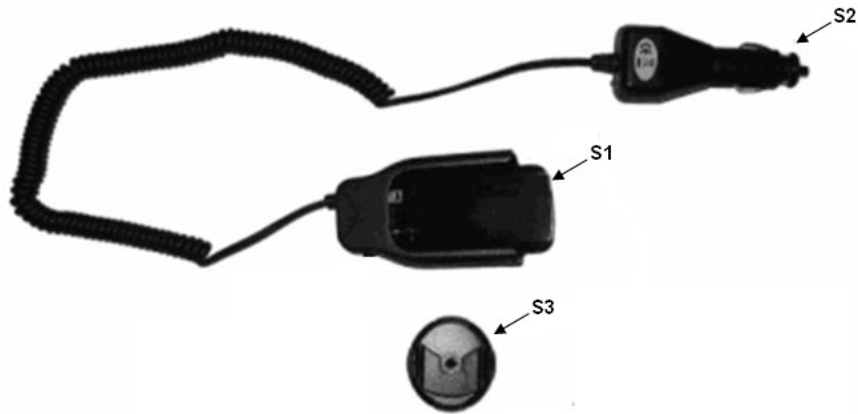
## 1.1 Sonim XP1 (bt) Phone

The Sonim Xtreme Performance 1-(XP1(bt)) mobile terminal is a GSM/GPRS handset, designed and developed for the Mobile Business Worker market and Vertical Business Segments. The salient features of this phone are:

- Has durable design and ruggedized casing
- Supports GSM/GPRS modem architecture
- Supports bluetooth version 1.2
- Supports GSM telephony, Messaging and a Push To Talk application based on Sonim's OMA compliant Xperience PoC Client

## 1.2 Sonim Car Kit Accessories

You can use Sonim car kit accessories to connect the XP1 (bt) mobile phone to a car kit.



Overview

| Component | Component Name           | Description   |
|-----------|--------------------------|---|
| S1        | Phone Holder cum charger | Holds the phone and charges it when powered ON.         |
| S2        | Power Cable              | Connects to the electrical point and charges the phone. |
| S3        | Dashboard Mount          | Is placed on the car dashboard to hold the BT phone.    |

### 1.3 Supported Car Kits for Sonim XP1 (bt) Phone

We recommend to connect these car kits with the Sonim XP1 (bt) phone.

| Brand         | Model   |
|---------------|---|
| BlueAnt       | Supertooth  |
| Motorola      | T305  |
| Nokia         | <ul style="list-style-type: none"> <li>• CK-7W</li> <li>• CK-15W</li> </ul> |
| Parrot        | CK 3100   |
| Sony Ericsson | HCB-120   |

**Note:** For more information about the car kits, refer to the respective product documentation.

### 1.4 Supported Bluetooth Headsets

We recommend to use these Bluetooth headsets with the XP1 (bt) phone.

| Brand         | Model         |
|---------------|---------------|
| Invisio       | G5            |
| Jabra         | BT5020        |
|               | BT8040        |
|               | JX10 Series 2 |
| Jawbone       | Jawbone       |
| Motorola      | H350          |
|               | H500          |
| Nokia         | BH-900        |
|               | BH-803        |
|               | BH-209        |
| Plantronics   | 370           |
|               | Voyager 510   |
| Samsung       | BT WEP 200    |
| Sony Ericsson | GV 435        |
|               | GV 435a       |

**Note:** For more information about the BT headsets, refer to the respective product documentation.

---

**Setting Up and Using Sonim XP1 (bt) Phone with Bluetooth Car Kit**

## 2 Setting Up and Using Sonim XP1 (bt) Phone with Bluetooth Car Kit

This section provides the generic procedure to setup and use a Sonim XP1 (bt) phone with any supported car kit. It includes:

- [Power Requirements](#)
- [Setting up the Car Kit using Sonim Car Kit Accessory](#)
- [Charging Your Phone](#)
- [Connecting the Car kit and the BT phone](#)
- [Operating the Phone with the Car Kit](#)

### 2.1 Power Requirements

The recommended input voltage for a car kit is DC 12 volts. However, the input voltage might vary for different car kits. Refer the respective product manual for the correct voltage.

### 2.2 Setting Up the Car Kit Using Sonim Car Kit Accessory

1. Install the car kit as per the Car Kit Installation Guide. Make sure all the connections are made according to the installation guide.
2. Connect the 2.5mm cable (audio cable from phone holder) to connector of the Sonim XP1 (bt) Accessory remote control port.
3. Connect the Sonim XP1 (bt) Accessory power cable to the car DC output port.
4. Fasten the Sonim XP1 (bt) Accessory dashboard mount to the car dashboard and insert the Sonim XP1 (bt) Accessory phone holder into its opening.
5. To fasten the Sonim XP1 (bt) Accessory dashboard mount, peel off the protective sheet from the adhesive side and fix it at the desired location on the dashboard. Use the swab provided with car kit package to clean the surface for better adhesion.

**Note:** For good Bluetooth connectivity and audio quality, the connectivity range should not be more than 5 – 10 metres.



### Setting Up and Using Sonim XP1 (bt) Phone with Bluetooth Car Kit

## 2.3 Charging Your Phone

1. Mount the XP1 (bt) phone into the Sonim XP1 (bt) Accessory phone holder.
2. Connect the Sonim XP1 (bt) Accessory power cable to the car DC output port.

## 2.4 Connecting the Car kit and the BT phone

Complete the following tasks to connect the XP1 (bt) phone to car kit. It includes:


- [Activating Bluetooth on XP1 \(bt\) Phone](#)
- [Pairing the Car Kit with the XP1 \(bt\) Phone](#)
- [Connecting the Car Kit with the XP1 \(bt\) Phone](#)

### 2.4.1 Activating Bluetooth on XP1 (bt) Phone

After installing the car kit, activate the Bluetooth on XP1 (bt) phone and car kit and pair both the devices. Complete these steps :

1. Select **Menu > Tools > Bluetooth > Activate**.



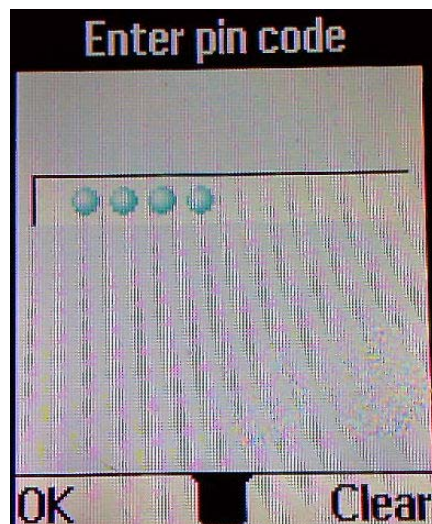
When you activate Bluetooth in your Sonim XP1 (bt) phone, Bluetooth icon  is displayed on the idle screen.

### Setting Up and Using Sonim XP1 (bt) Phone with Bluetooth Car Kit

#### 2.4.2 Pairing the Car Kit with the XP1 (bt) Phone

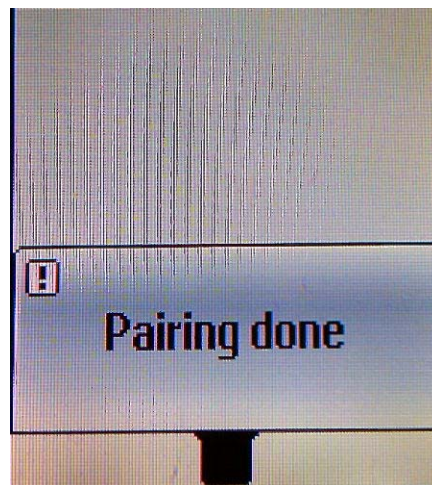
When the Bluetooth is activated, pair the XP1 (bt) phone with the car kit. Complete these steps :

1. Select **Menu > Tools > Bluetooth > All device**.
2. Select **Scan more...** to view the list of devices within a range of 10 metres with Bluetooth connectivity.
3. Select the **<Car Kit Name>** and press **OK**.



4. Enter the four digit Bluetooth passcode and press **OK**...

**Note:** Refer the respective car kit documentation, for the four digit passcode.



### Setting Up and Using Sonim XP1 (bt) Phone with Bluetooth Car Kit

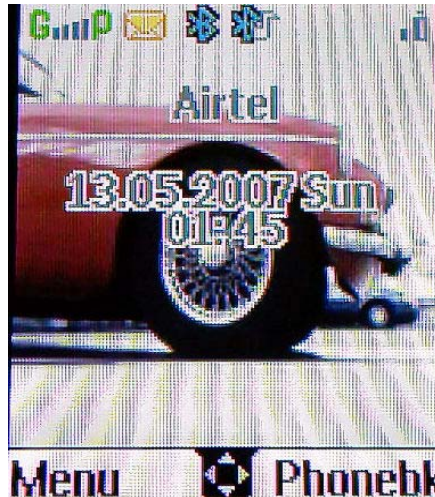
When the phone is successfully paired with the car kit, the message “*pairing done*” is displayed on the phone screen.

After pairing is done for the first time manually, on start of the ignition, the car kit will automatically activates the BT pairing mode, if the car kit supported this function.

#### 2.4.3 Connecting the Car Kit with the XP1 (bt) Phone

After pairing the car kit and the phone, you must connect the phone to the car kit to whenever you want to use the phone.

1. Select **Menu > Tools > Bluetooth > All device > <Car Kit Name> > Options > Connect.**



2. When the phone is successfully connected to the car kit, the message “<Bluetooth device name> Connected” is displayed on the phone screen.

**Setting Up and Using Sonim XP1 (bt) Phone with  
Bluetooth Car Kit**

## **2.5 Operating the Phone with the Car Kit**

After pairing and connecting the phone with the car kit, you can accept and reject the call.

### **Accepting and Rejecting GSM Calls**

1. Click and release the remote control button to accept the call.
2. Long press the remote control button to reject the call.
3. To end the call, short press the remote control button.

When using a Car Kit with the Sonim XP1 (bt), it is possible to make outgoing GSM calls only to the last dialed number. The user needs to have at least one entry in the "outgoing calls list".

### 3 Troubleshooting Information

1. **After power of cycle of the phone, most of the Bluetooth Headsets do not reconnect automatically:**

User has to manually connect from phone.

OR

If the BT Headset supports connection to the last connected phone, then press call control button of the BT Headset once to reconnect.

2. **After power of cycle of the BT Headset, few Bluetooth Headsets do not reconnect automatically:**

User has to manually connect from phone.

OR

If the BT Headset supports connection to the last connected phone, then press call control button of the BT Headset once to reconnect.

3. **Reconnection of Bluetooth Headset during out of coverage area is limited to 5 - to- 6 seconds.**

**Note:** At a time only one Bluetooth Headset or Bluetooth Car kit can be connected to the phone.

## 4 Appendix – Using Supported Car Kits

This appendix provides the instructions to operate Sonim recommended car kits.

### 4.1 Using BlueAnt Supertooth

#### Receiving or Accepting a call through the Car kit

To receive or accept a call, press the “green” button. The call (audio or media) routes through the car kit speaker.

#### Ending or rejecting a call through the Car kit

To end or reject a call, press the “red” button.

### 4.2 Using Motorola T305

#### Receiving or Accepting a call through the Car kit

To receive or accept a call, press the “Blue” button. The call routes through the Motorola T305 Car kit speaker.

#### Rejecting a call through the Car kit

To reject a call, tap either Volume button of the Car kit.

#### Ending a call through the Car kit

To end a call, tap the Call button (if a call is on hold, tap twice to end all calls).

### 4.3 Using Nokia CK-7W

#### Receiving or Accepting a call through the Car kit

To receive or accept a call, short press the Remote control button. The media routes to the Car kit speaker.

#### Rejecting a call through the Car kit

To reject a call, long press the remote control button of the Car kit.

#### Ending a call through the Car kit:

To end a call, short press the remote control button of the Car kit

#### 4.4 Using Nokia CK-15W

##### Receiving or Accepting a call through the Car kit

To receive or accept a call, press the “green” button. The call routes through the car kit speaker.

##### Rejecting or Ending a call through the Car kit

To reject or to end a call, press the “red” button.

#### 4.5 Using Parrot CK 3100

##### Receiving or Accepting a call through the Car kit


To receive or accept a call, press the “green” button. The call routes through the car kit speaker.

##### Reject and End a call through the Car kit


To reject or to end a call, press the “red” button.

#### 4.6 Using Sony Ericsson HCB-120

##### Receiving or Accepting a call through the Car kit

To receive or accept a call, press  (Call Key) on the Sony Ericsson Car kit, the call is routed the car kit speaker.

##### Rejecting or Ending a call through the Car kit

To reject or to end a call, press  (End Key).

**Note:** For all above car kits - If a call is accepted over the phone, the media routes through the XP1(bt) ear piece.