

Visteon SAB01 Bluetooth Unit Module



# Visteon SAB01 Bluetooth Unit Module User Manual

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# Visteon

**Visteon SAB01 Bluetooth Unit Module**



## Specifications

- **Customer Name:** HONDA
- **Product Name:** SAB01 Blue Tooth Unit Module (SAB BTU)
- **Model:** SAB01
- **Equipment Category:** BT Unit

## Product Information

The SAB01 BTU module is a gateway unit that links the 2W Handlebar switch/vehicle meter with the Drive-mode application. It enables safe interaction with smartphone contents while driving. The module should be installed under the motorcycle saddle, with a minimum distance of 20 cm between the antenna and the motorist.

The Drive-mode application on the user's smartphone shares device contents with the vehicle. The SAB01 BTU module, in conjunction with Drive-mode, enables features such as receiving incoming calls, reading phone and mailing status, and providing navigation guidance on the vehicle meter.

### Product Overview

The SAB01 BTU module serves as a communication medium between 2W Handlebar, Audio/Cluster, and mobile phone. It connects over BTLE with the mobile phone app and is hardwired to the Handlebar and Audio/Cluster. The BTU application software is proprietary to Honda and will be available on Playstore once vehicles with Bluetooth features are launched in the market.

### Vehicle Configurations for BTU Module:

There are two configurations available for 2-Wheelers

1. BTU module operation via Speedo assembly: Operating BTU module via Instrument cluster/Meter assembly with optical display.
2. BTU module operation via Handlebar switch: Operating BTU via switch on Handlebar by keeping it pressed for

approximately 10 seconds.

## Product Usage Instructions

### Configuration 1 Activation Steps

1. **Step 1:** [Details from manual]
2. **Step 2:** [Details from manual]

### Configuration 2 Activation Steps

1. Turn Vehicle IGNITION ON.
2. Meter Assembly gets ON.
3. Plug Icon shall get displayed in Drive Mode Application on Mobile.
4. Press Plug Icon (Bluetooth Icon is visible and Smartphone symbol at the Right-hand side Topmost corner).
5. All communications/assignments shall start (Bluetooth device is fully operational).

## FAQ

- **Q: Where should the SAB01 BTU module be installed?**
  - A: The module should be installed under the motorcycle saddle, with a minimum distance of 20 cm between the antenna and the motorist.
- **Q: How does the SAB01 BTU module interact with the smartphone?**
  - A: The module, in combination with the Drive-mode application, allows features like receiving calls, reading phone and mailing status, and providing navigation guidance on the vehicle meter.

## Revision History

Revision	Description of change	Date
01	First draft	2020/Aug/06
02	2nd draft	2023/Aug/02

### Customer Name

HONDA

### Product Name

SAB01 Blue Tooth Unit Module (SAB BTU)

### Model

SAB01

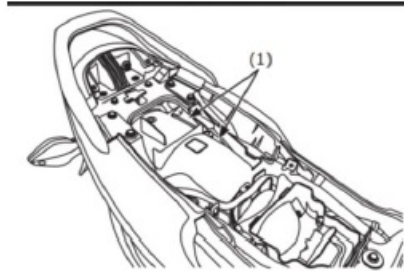
### Equipment Category

BT Unit

## Background

The SAB01 BTU module is a gateway unit, which links together the 2W Handlebar switch/ vehicle meter and Drive-mode application.

It allows the user to interact safely with their smartphone device contents while driving.



- The equipment shall be installed under the motorcycle saddle and the minimum distance between the antenna and the motorist shall be 20 cm.
- Drive-mode is an application installed on the end user smartphone device that shares device contents with the vehicle.
- SAB01 BTU module in combination with Drive-mode allows receiving incoming call, read phone and mailing status, and provides navigation guidance to the user on the vehicle meter.

## Product overview

- SAB01 BTU module acts as a communication medium between 2W Handlebar, Audio/ Cluster & Mobile phone.
- The SAB01 BTU shall be connected over BTLE with Mobile phone APP & hardwired connected to Handlebar & Audio/ Cluster.
- BTU Application Software is the propriety item of Honda and shall be available on Playstore once the vehicle with blue tooth feature is launched in Market phase wise

## Vehicle Configurations for BTU Module

There are two configurations available for 2-Wheeler.

### BTU module operation via Speedo assembly

Operating BTU module via Instrument cluster/Meter assembly with optical display (having option of HMI for BTU Mode selection & for executing other steps).

### BTU module operation via Handlebar switch

Operating BTU via switch on Handlebar, BTU module getting activated by keeping switch pressed for 10 seconds approximately.

## How to operate BTU unit-Configuration wise

### Configuration 1 activation steps

Turn Vehicle <b>IGNITION ON</b> -> Meter Assembly gets ON
Go to <b>MENU</b> Option on Meter Assembly
On MENU Option , Select <b>BLE RESET</b> option on Meter display (Entry into device discoverable mode)
Open the <b>Drive Mode Application</b> on smartphone  (Bluetooth option in the mobile phone has to be enabled and the current time and date has to be set in the phone )
Go to <b>Blue tooth device Scanner option</b> in Drive Mode Application  (Suppose if the Honda SAB Unit is not listed, you have to navigate into the native page and start the pairing process with discoverable devices being listed )
Select <b>Blue Tooth Unit</b> by selecting device name as defined by Honda
<b>Pairing process</b> shall initiate automatically between Blue Tooth Unit (SAB) and Mobile through Drive Mode Application.
<b>Plug Icon shall get displayed in Drive Mode Application on Mobile</b>
<b>Press Plug Icon</b>  (Bluetooth Icon is visible and Smartphone symbol at the Right hand side Top most corner )
All <b>communications /assignments shall start</b>

## Configuration 2 activation steps

Turn Vehicle <b>IGNITION ON</b> -> Meter Assembly gets ON
<b>Select and Press Bluetooth Reset Switch</b> for 10 secs (To start Blue tooth discoverable mode).
Open the <b>Drive Mode Application</b> on mobile
Go to <b>Blue tooth device Scanner option</b> in Drive Mode Application (Suppose if the Honda SAB Unit is not listed, you have to navigate into the native page and start
the pairing process with discoverable devices being listed )
Select <b>Blue Tooth Unit</b> by selecting device name as defined by Honda <b>Pairing process</b> shall initiate automatically between Blue Tooth Unit (SAB) and
Mobile
through Drive Mode Application. <b>Plug Icon shall get displayed in Drive Mode Application on Mobile</b>
<b>Press Plug Icon</b> (Bluetooth Icon is visible and Smartphone symbol at the Right hand side Top most

## EUROPE

Customer Information

### Declaration of Conformity

- **Model Name:** SAB01
- **Type of product:** Bluetooth Unit
- **Brand Name:** Visteon Corporation
- **Address:** One Village center drive, Van Buren Township 48111-5711 Michigan United States of America

## CE MARK



### Simplified EU DoC

Hereby, Visteon Corporation declares that the radio equipment type SAB01 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address  
<http://www.visteondocs.com/>

Hereby, Visteon Corporation, declares that this SAB01 is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

The following information shall also be included in the case of radio equipment intentionally emitting radio waves

- **Frequency band** : 2.4 GHz

- Maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates.  
Max output power = 3.5 dBm

#### Simplified UKCA DoC



Hereby, Visteon Corporation declares that the radio equipment type SAB01 is in compliance with the relevant statutory requirement. The full text of the Declaration of Conformity is available at the following internet address:  
[www.visteondocs.com](http://www.visteondocs.com)

- **Frequency band** : \_2.4\_ GHz
- Maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates.  
Max output power = \_3.5\_ dBm

#### Brazil



**(Translation:** This equipment is not entitled to protection against harmful interference and may not cause interference in duly authorized systems)

#### South Korea



(It means that, as this radio equipment has the possibility of radio interference, this equipment cannot be used for any services related to human life safety)

KC logo along with the following information (Conformity assessment information)

1. **Company name of Applicant:** Visteon Corporation
2. **Manufacturing date:** yyyy/mm/dd
3. **Manufacturer/ Country of origin** : USA
4. **Equipment name/ Model name** : SAB01
5. **Conformity assessment number** : XXXXXXXXXX

#### Taiwan



1. **Product name:** Bluetooth unit
2. **Model name:** SAB01
3. **Manufacturer:** Visteon Corporation

#### Thailand



#### Australia



#### Brazil

**(Translation:** This equipment is not entitled to protection against harmful interference and may not cause interference in duly authorized systems)

#### Singapore



#### Serbia





## Paraguay



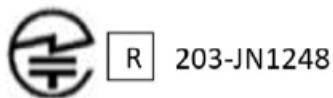
CONOTEL NR: 2023-02-I-0101

## Ukraine



<https://www.visteondocs.com/>

## JAPAN



1. **Product name:** Bluetooth unit
2. **Model name:** SAB01
3. **Manufacturer:** Visteon Corporation
4. **Classification of Specified Radio Equipment :** Article 2, Paragraph 1, Item 19, 2.4GHz band low-power data communication system.
5. **Type of emissions Frequency and RF Output Power :** F1D 2402 ~2480MHz(2MHz spacing 40 channels)  
0.00164W
6. **Country Certificate Type :** MIC
7. Certificate granted in accordance with the provisions of Article 38-24 Paragraph 1 of Radio Act.

## **UNITED STATES**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions

1. This device may not cause harmful interference, and
2. The device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### **RF exposure safety**

This device complies with the FCC RF exposure limits and has been evaluated in compliance with mobile exposure conditions. The equipment must be installed and operated and was evaluated with minimum distance of 20cm of the human body. This distance or greater is maintained by vehicle design and ensures compliance by normal use of the vehicle.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## **CANADA**

This device complies with Industry Canada License-exempt RSS standard(s). Operation is subject to the following two conditions

1. This device may not cause harmful interference, and
2. The device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### **RF exposure safety**

This device complies with ISED RF exposure limits and has been evaluated in compliance with mobile exposure conditions. The equipment must be installed and operated and was evaluated with minimum distance of 20cm of the human body. This distance or greater is maintained by vehicle design and ensures compliance by normal use of the vehicle.

## **Documents / Resources**

<div><div>SAFETY INFORMATION</div><div><div>1. Read this manual</div><div>2. Read this manual</div><div>3. Read this manual</div><div>4. Read this manual</div><div>5. Read this manual</div><div>6. Read this manual</div><div>7. Read this manual</div><div>8. Read this manual</div><div>9. Read this manual</div><div>10. Read this manual</div><div>11. Read this manual</div><div>12. Read this manual</div><div>13. Read this manual</div><div>14. Read this manual</div><div>15. Read this manual</div><div>16. Read this manual</div><div>17. Read this manual</div><div>18. Read this manual</div><div>19. Read this manual</div><div>20. Read this manual</div><div>21. Read this manual</div><div>22. Read this manual</div><div>23. Read this manual</div><div>24. Read this manual</div><div>25. Read this manual</div><div>26. Read this manual</div><div>27. Read this manual</div><div>28. Read this manual</div><div>29. Read this manual</div><div>30. Read this manual</div><div>31. Read this manual</div><div>32. Read this manual</div><div>33. Read this manual</div><div>34. Read this manual</div><div>35. Read this manual</div><div>36. Read this manual</div><div>37. Read this manual</div><div>38. Read this manual</div><div>39. Read this manual</div><div>40. Read this manual</div><div>41. Read this manual</div><div>42. Read this manual</div><div>43. Read this manual</div><div>44. Read this manual</div><div>45. Read this manual</div><div>46. Read this manual</div><div>47. Read this manual</div><div>48. Read this manual</div><div>49. Read this manual</div><div>50. Read this manual</div><div>51. Read this manual</div><div>52. Read this manual</div><div>53. Read this manual</div><div>54. Read this manual</div><div>55. Read this manual</div><div>56. Read this manual</div><div>57. Read this manual</div><div>58. Read this manual</div><div>59. Read this manual</div><div>60. Read this manual</div><div>61. Read this manual</div><div>62. Read this manual</div><div>63. Read this manual</div><div>64. Read this manual</div><div>65. Read this manual</div><div>66. Read this manual</div><div>67. Read this manual</div><div>68. Read this manual</div><div>69. Read this manual</div><div>70. Read this manual</div><div>71. Read this manual</div><div>72. Read this manual</div><div>73. Read this manual</div><div>74. Read this manual</div><div>75. Read this manual</div><div>76. Read this manual</div><div>77. Read this manual</div><div>78. Read this manual</div><div>79. Read this manual</div><div>80. Read this manual</div><div>81. Read this manual</div><div>82. Read this manual</div><div>83. Read this manual</div><div>84. Read this manual</div><div>85. Read this manual</div><div>86. Read this manual</div><div>87. Read this manual</div><div>88. Read this manual</div><div>89. Read this manual</div><div>90. Read this manual</div><div>91. Read this manual</div><div>92. Read this manual</div><div>93. Read this manual</div><div>94. Read this manual</div><div>95. Read this manual</div><div>96. Read this manual</div><div>97. Read this manual</div><div>98. Read this manual</div><div>99. Read this manual</div><div>100. Read this manual</div></div></div> <div><div>Visteon SAB01 Bluetooth Unit Module [pdf] User Manual</div><div>SAB01 Bluetooth Unit Module, SAB01, Bluetooth Unit Module, Unit Module, Module</div></div>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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