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Your Preferred Partner for Tire Pressure Monitoring Systems

IntelliSens App Manual HC1000

For Android & iOS devices
Revision 1.3.4, 18.05.2017

...the **intelligent touch** to cars.

Overview

Important Notices

All specifications, illustrations and information contained within this manual are based on the most current information available at the time of publication. Huf North America Automotive Parts Manufacturing, Corp. reserves the right to make changes at any time without obligation to notify any person or organization. Huf will do its best to keep you the customer informed of any changes that might affect the tools performance.

This Manual and following Statement of Compliance can be updated and it possible find the released version at this Web link: http://www.intellisens.com/menue/downloads/

Statement of Compliance for US market
Model: HC1000

FCC ID: 2AFXK-HUSH

Contains FCC ID: QOQBT121

This device complies with Part 15 of the FCC Rules.
The design of HC1000 complies with U.S. Federal Communications Commission (FCC) guidelines respecting safety levels of radio frequency (RF) exposure for Portable devices.

Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

Portable Device RF Exposure Statement (125 kHz and 2.4 GHz Bluetooth)

RF Exposure Warning -
The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment.
The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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.

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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.

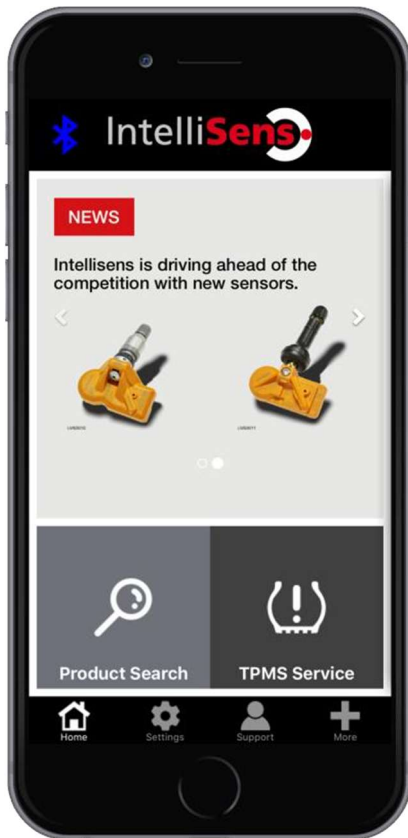-Consult the dealer or an experienced radio/ TV technician for help.

CAUTION:
Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.
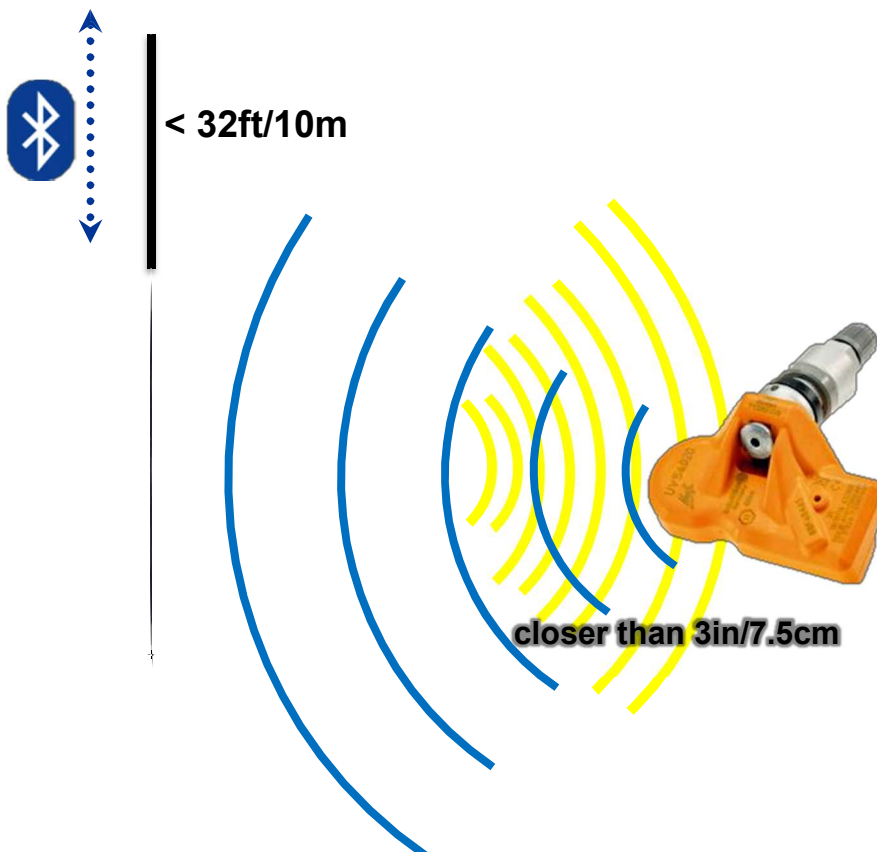
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Function flow

- **The IntelliSens App** works as the **user interface** on your Android or iOS device.

- The app connects via **Bluetooth** to the **HC1000**.

- The **HC1000** communicates with both frequencies:
  433.92 MHz and 315MHz

- **Reading** OE-sensors

- **Programming** Huf IntelliSens Universal Sensors.

< 32ft/10m

closer than 3in/7.5cm

HC1000

The HC1000 needs to be paired with your Android or iOS device.

Battery indicator:

Charger **connected**		Charger **disconnected**
Green solid: Battery completely charged		Green blinking: Tool turned on and battery charged
Red solid: Battery charging		Red blinking: Battery low

+/- Indicator:

Green blinking:
Reading or programming in progress

Green for 10 sec:
Successful reading or programming

Red for 10 sec:
Failed reading or programming

Trigger Button:
To activate a TPMS sensor. This button must first be activated in the settings menu. *(Function soon available)*

Power Button:
Turning the device on or off.

Micro-USB connector

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First Steps

For installation and updates an internet connection is required.
(Normal internet service provider fees may apply.)
The required time of the installation process depends on your internet connection.

1. **Charge the HC1000.**
   Chargé le HC1000.
   Cargar el HC1000.

2. **Install the app from the**
   Installer l'application
   Instalar la aplicación desd
   Android PlayStore
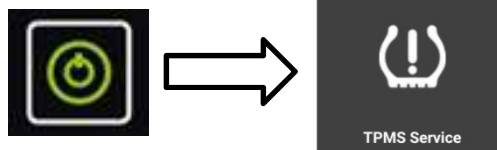   **Apple AppStore.**

   Huf IntelliSens TPMS
   Huf Group

3. **Turn on HC1000 and choose "TPMS Service**".
   Allumer le HC1000 et choisir "TPMS Service".
   Encienda el HC1000 y elija la opción "Servicio TPMS".

4. **Follow the instructions in the app.**
   Suivre les instructions de l'application.
   Siga las instrucciones de la aplicación.

For manual Bluetooth pairing use pin "0000".
Pour appariement manuel avec "Bluetooth", utiliser code "0000".
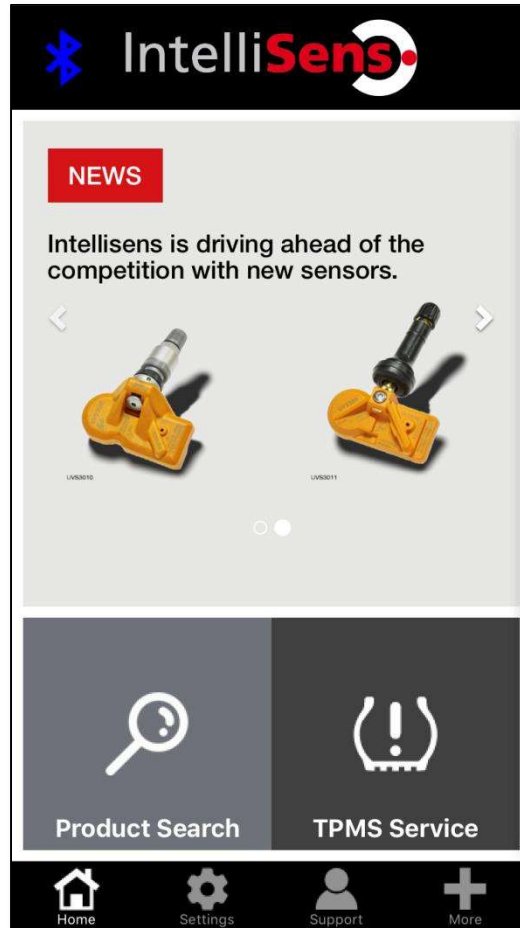*Para la asociación manual del Bluetooth use el código "0000".*

Main Menu

With every app start up, the offline DB will check for new updates. The main screen

Product Search

The left side of the app accesses a live DB that provides vehicle specific information like replacement sensors (Universal & Direct Fit) and service kits.

TPMS Service

Reading TPMS sensor, programming the Huf Universal Sensor IntelliSens and Relearn Instructions are under this section. Even without an internet connection the checking and programming is still active.

These functions require an HC1000.

Settings: View App Version and HC1000 details
Adjust pressure, temperature and ID scale unit
Management of Bluetooth Settings
Update Data and Firmware manually
Edit Registration entry.
Support: Contact Huf support directly via Email or phone call.
More: Learning Center (Training and Technical Documents)
TPMS Service History
About Huf
Where to buy
Provide Feedback

How to Hold the HC1000

It's important to know, where the TPMS sensor is installed. Usually it is directly behind the valve in the wheel. Radio frequency communication limits the reading and programming range.
It is very important to hold the HC1000 correctly to ensure a correct communication with the sensor.
Always try to be as close to the sensor as possible (<3in/7.5cm) and keep all other sensors away (>5ft/1.5m) to minimize the risk of crosstalk.
If the sensor is mounted in the wheel, hold the tool at the sidewall and assure that the **HC1000** points directly towards the sensor.
In some cases pointing at the valve may be enough, but this doesn't apply for every sensor.

<3in/7.5cm