

User Guidance for SKE208-S50

1.introduce

This product should be installed in cars for wireless charging devices such as mobile phones.

Product name: Wireless Charging Smart Entry Module

Model Name: SKE208-S50

Applicant:BYD Auto Industry Company Limited

Address: No.3001,3007,HengPing Road,Pingshan,shenzhen,P.R. China

Manufacturer: Xi'an BYD Electronics Co., Ltd. Jixian Branch.

Address: No.5 Jixian Avenue, Jixian Industrial Park, High-tech District, Xi'an,

2.Basic Specification

Supply: 12V rated voltage, 9V-16V input supply.

WPT (PRx:Artificial load)

Operating Temperature: -40°to 45°Celsius

transmitter 1/transmitter 2 Wireless Output: MAX 50W

NFC

Operating Temperature:-40° to 85° Celsius

3.Function

- WPT&NFC

WPT:

TX/RX Operating frequency range:	127.7kHz±0.3kHz
Max Radiated H-Field	10.43 dBuA/m(@10m)

NFC:

TX/RX Operating frequency range:	13.56MHz
Max Radiated H-Field	-10.2 dBuA/m(@10m)

4.Attention

The wireless charging function can only charge the device normally when the car power is running. When parked or not driving, the wireless charging function will not charge the device normally. When the vehicle is in ON gear, if the key is used to activate the service and NFC data transaction is entered, stop wireless charging of the phone. After the transaction is completed, resume wireless charging of the phone.

5.operation instructions

The wireless charging area for mobile phones is located on the center console. Users can activate the function by sliding down the multimedia top status bar to open the "Convenient" interface and lighting up the wireless charging settings icon for their mobile phones; Click this settings icon again to turn off the wireless charging function.

After starting the vehicle, place the phone on the anti slip rubber pad in the wireless charging area, with the phone screen facing up, to automatically enter wireless charging, accompanied by a multimedia status bar charging icon display.

To use the car's wireless charging function, the phone needs to have wireless charging capability.

The NFC controller inside the car is integrated into the wireless charging intelligent

access assembly, also located on the center console.

The in car NFC controller is used for near-field communication with mobile phone NFC digital keys/card keys and performs NFC digital key related functions.

6.Warning

This device was tested for uncontrolled environment operations. To comply with RF exposure requirements, a minimum separation distance of 20cm must be maintained between the user' s body and the product.

7.Declaration of Conformity

Hereby, BYD Auto Industry Company Limited declares that this device is in compliance with Directives 2014/53/EU . The full text of the EU declaration of conformity is available at the following internet address: <https://www.byd.com>.

FCC Warning

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) this device must accept any interference received, including interference that may cause undesired operation.

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

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.

FCC RF exposure statement:

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance between 20cm the radiator your body.