

# Bluetooth to CAN Converter

## 1. Instruction

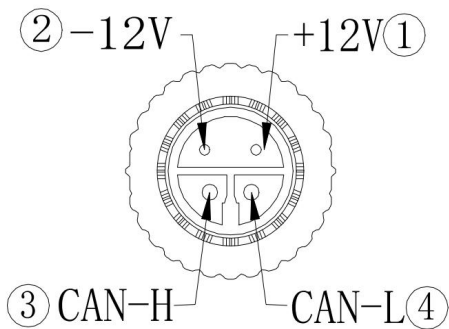
The Bluetooth to CAN Converter is a proprietary product developed by EXCAR (DONGGUAN EXCAR ELECTRIC VEHICLE CO., LTD). It incorporates CAN communication and offers numerous advantages, including a compact size, wide voltage control, and low power consumption. Primarily designed for dashboard screen soundbar control, it can also serve to access vehicle information if needed.



Front View



Rear View



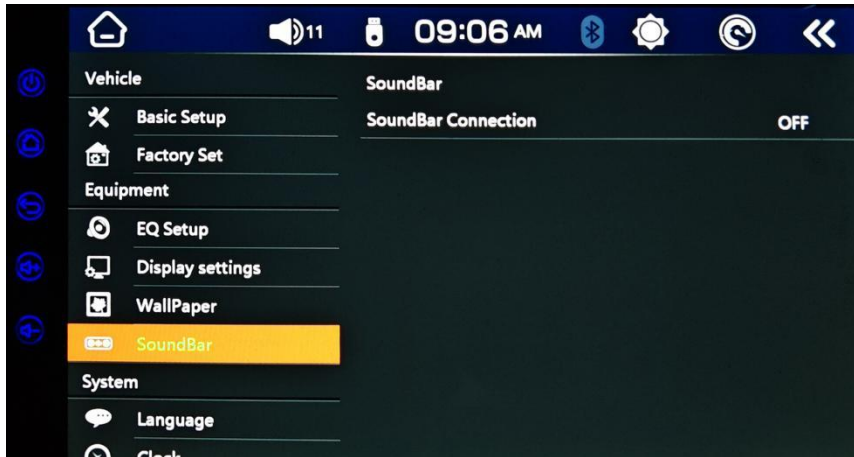
- ①: 12V Negative
- ②: 12V Positive
- ③: CAN-H
- ④: CAN-L

Connector

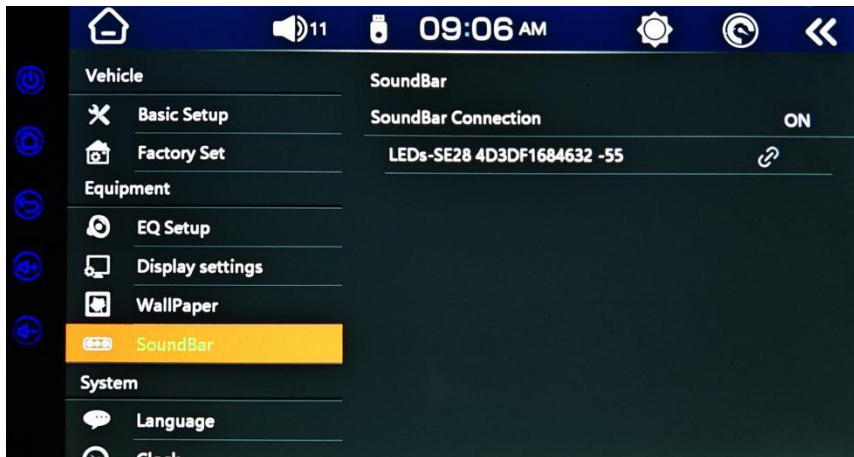
## 2. Connection

### 1. Control soundbar

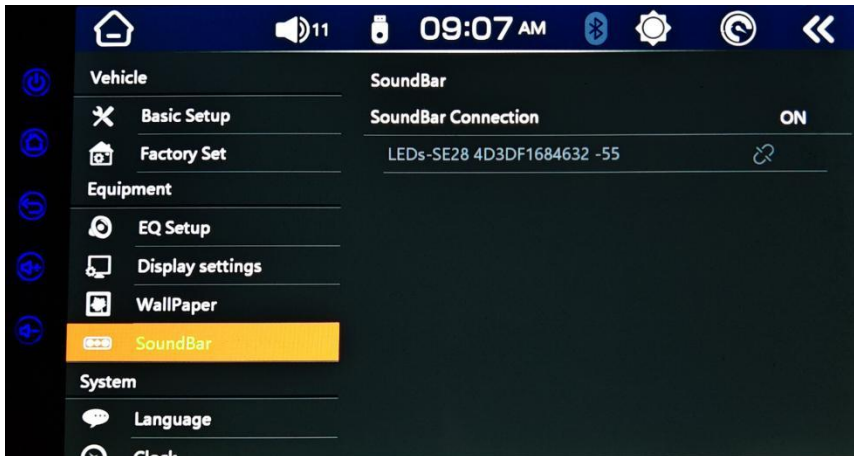
- 1) Power up the Bluetooth to CAN Converter(12V power supply).
- 2) Once powered up, the Bluetooth to CAN Converter is ready for connection.



- 3) Click "OFF" to initiate Bluetooth device scanning. Upon completion of scanning, available Bluetooth devices will be displayed.



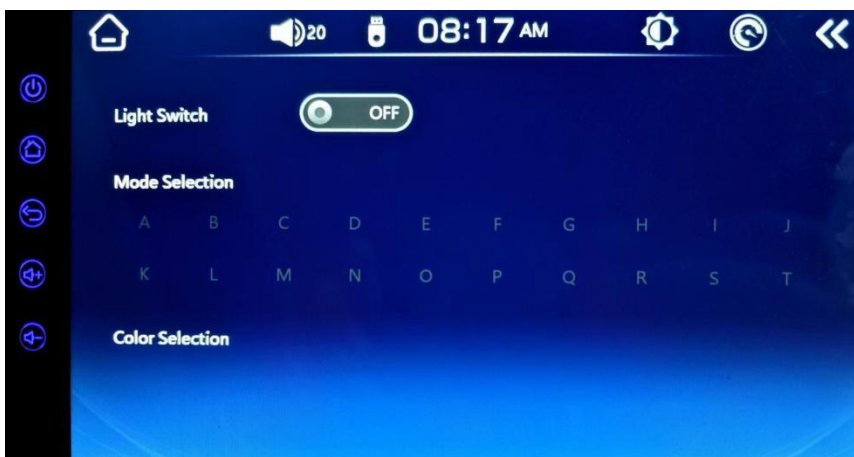
- 4) Select the desired device and establish a connection. Once connected, the Bluetooth device will be indicated in the list.



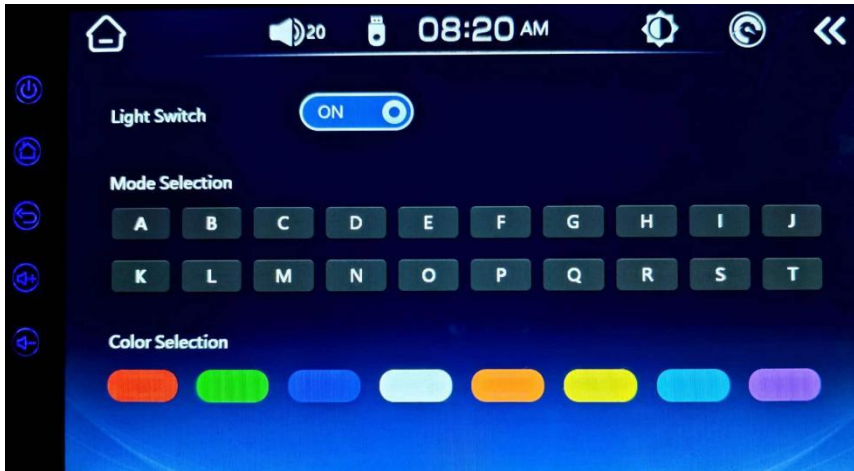
5) After Bluetooth connection, click the upper-right corner to return.



6) Access soundbar settings by clicking "Soundbar."



7) Click OFF to control LED lights



- 8) If the Bluetooth device was previously paired, it will automatically reconnect.
- 9) To connect to a different device, simply power off the previously paired device.

### **3. View vehicle information**

When the Bluetooth to CAN Converter is connected, vehicle information such as battery status or fault codes can be viewed on the app. (Note: Requires app upgrade and is not compatible with soundbar control function.)

### **4. Installation**

1. For vehicles manufactured by EXCAR, the Bluetooth to CAN Converter can be directly connected to the BMS or utilize extension wiring.
2. For vehicles produced by other manufacturers, please use the adapter cable.



## 5. Trouble shooting

If the Bluetooth to CAN Converter powers up and shows two available devices, simply repower the device to resolve the issue.

## 6. 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.

**Note:** 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.