For GLC/C Class(W205) 2016-2018

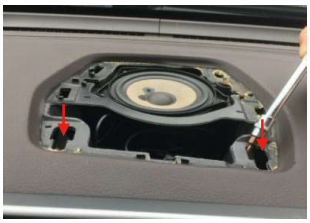
Installtion Guide



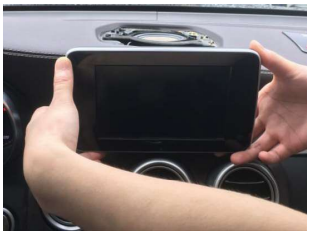
1. Original Monitor (Please power off before installation)



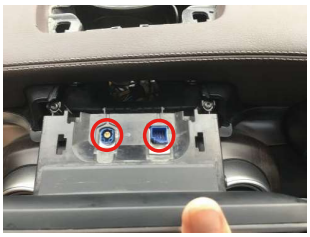
2. Pry the net cover of Center speaker out



3. Remove the fixing screws from original monitor



4. Take out the original monitor



5. Unplug the original monitor



6. Open the armrest box



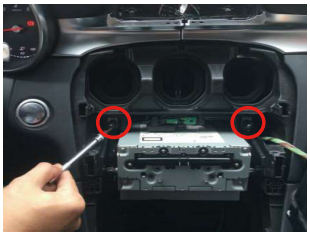
7. Pry the decorated cover out from armrest box button.



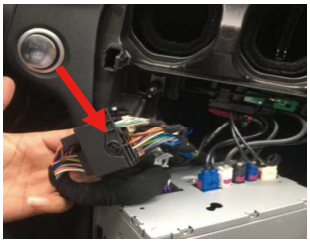
8. Remove the left and right fixing screws



9. Pry the central dashboard and remove it.



10. Remove the fixing screws from original host



11. Remove the power harness from original host, and connect it to android harness.



12.Plug Audio-USB into USB port of the armrest box



13. Connect original monitor LVDS cable with Android LVDS cable



14. Assemble the stand on Android monitor and put cables well.



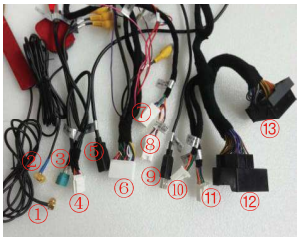
15. Connect well Android all cables.



16 Pry screw cover out on Android back cover ,and lock the screws.



17. Effect picture after installation



18. Android Cables connector

1.4G antenna Port
2.GPS antenna Port
3.RCA cable LVDS adapter
4.RCA Port
5.USB Port
6.Android Power Interface
7.2015/2016year shared CAN interface
8.2015/2016year short-circuited wiring interface
9.Audio USB port
10.2015year CAN interface
11.2016year CAN interface
12.ISO female plug
13.ISO male plug

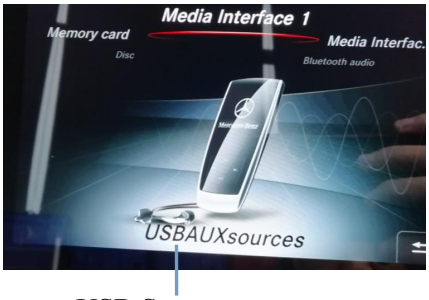
NTG5.0 Setting Instruction

一、Voice Setting

Audio transfer box (for AUX to USB) Operation Guide

Note: The Mercedes-Benz NTG 5.0 system does not have AUX functionality.Android machine requires an external audio transfer box for AUX to USB .

1. After plugging the USB-AUX device into the USB interface of the original car, the host recognizes the USB-AUX device in the USBAUXsources interface , as shown below:



USB Status

2. After selecting to enter the USB-AUX sources interface ,as shown below:



3.Long press the "★" button in the “COMAND” button to set the shortcut key, enter the main interface as shown below

4. Counting from the first position starting with the "1",place the USB audio device shortcut on the 6th item of the main interface.



Number starting from left to right, put in item 6.

5. Return to the Android main interface then click : settings - system - AUX position - set to "6".



The original car AUX position is set to "6"

6. If still no sound after following the above settings, please check the volume of the machine and whether the optic fiber cable of the original car is connected.

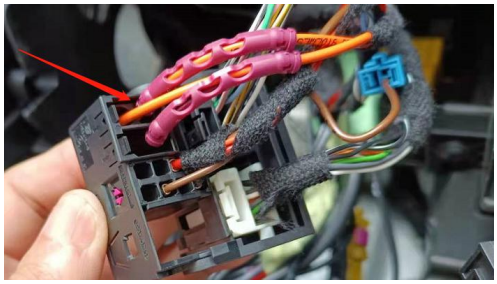
1. Settings———>Volume———>Android Volume/OEM Volume

2. Settings———>Android———>Sound

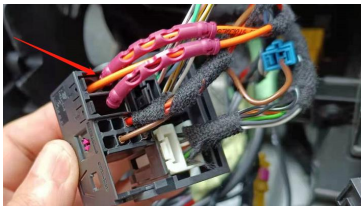




7. If the original car plug has an optical fiber plug and does not have a speaker cable, an additional small speaker is needed.





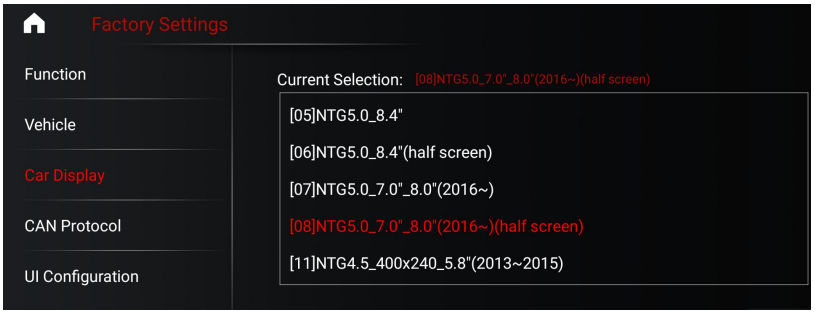


二、Car Display Setting

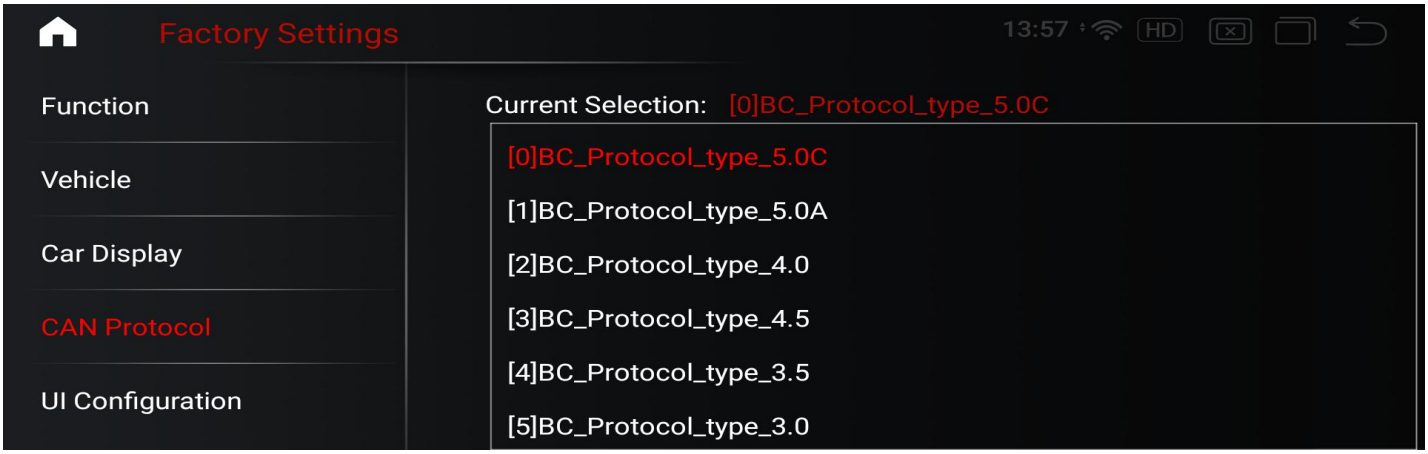
1、Car Display：Choose [5]/[8]。

Settings———Factory Settings———password: 190627———Car Display: [5]/[8]





2、Car Protocol：NTG5.0 does not need to set car protocol.



Installation instructions

for external DSP amplifier

一）、Before installation, first confirm whether the original car is "with optical fiber amplifier" or "without optical fiber amplifier"; (the two DSP amplifier boxes will be different. The main function of this product is to preserve the original car's sound quality while solving NTG5.0 /5.1/5.2 system sound delay problem).

1. If the original car "without optical fiber amplifier": Use Normal DSP

2. If the original car "with optical fiber amplifier": Use Optical Fiber DSP

3. How to confirm the original car with optical fiber or without optical fiber amplifier? Please see the pictures below.

3.1 Pls check the total number of horns on the car, usually 13 horns, or whether there is a "Berlin Voice" or "Harman/Kardon" logo on the horns.



Berlin Voice

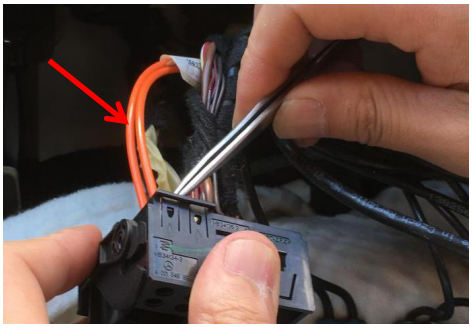


Harman/Kardon

3.2 Open the left cover of the trunk of the vehicle to see if there is an optical fiber amplifier.



3.3 Pls check the cable of the original car (note: pay attention to special models, the original car plug has an optical fiber cable, but without an optical fiber amplifier, you need use the "Normal DSP").

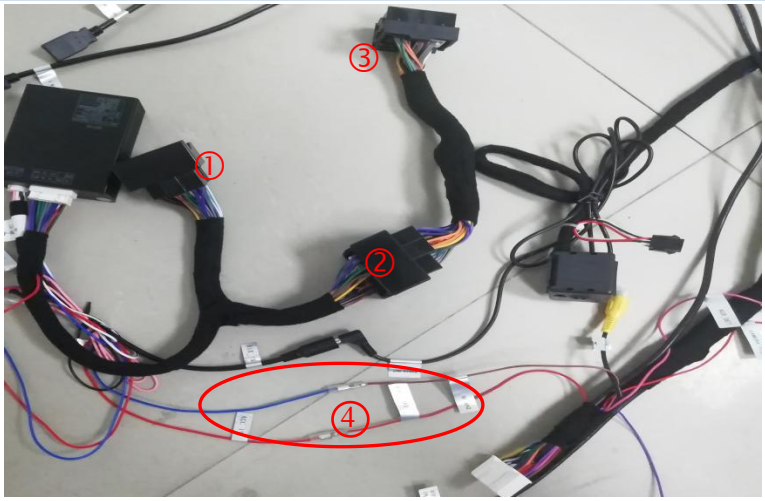


3.4 Note: If it is Harman Kardon horn, When the DSP box is installed, there will be no sound from the front left speaker. At this time, the cable needs to be changed.

Installation instructions

for external DSP amplifier

《without optical amplifier》Connection



1.Connection Instruction:

Number 1: The socket to connect the tail wire of the car

Number 2: Connect the DSP box to the power cord socket

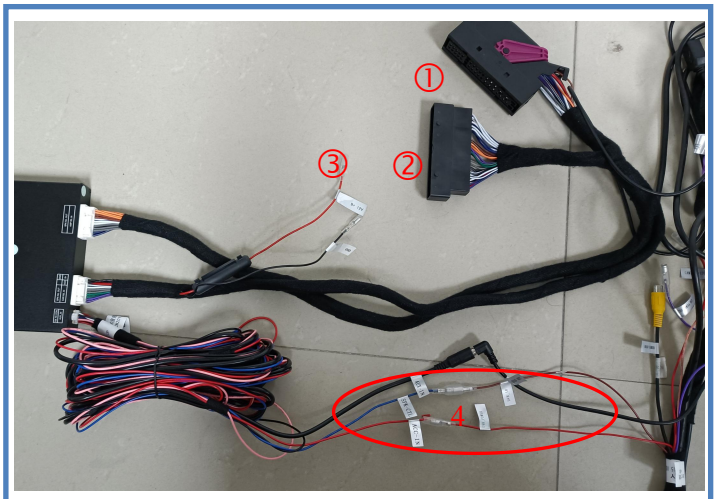
Number 3: Connect the plug of the original car host

Number 4: 4.1 (blue wire) SPK_CTL is connected with (brown wire) DVR_IR

4.2 (red wire) ACC_IN is connected to (red wire) DVR_POWER

4.3 Connection between AUX_IN and AUDIO_OUT

《with optical amplifier》Connection



1.Connection Instruction:

Number 1: Connect the tail wire socket of the original car amplifier

Number 2: Connect the socket of the original tail

Number 3: Connect the red wire B+_12V with B+_12V on the car and and supply power to the DSP amplifier, and the black GND connect GND on the car

Number 4: 4.1 (blue wire) SPK_CTL is connected with (brown wire) DVR_IR;

4.2 (red wire) ACC_IN is connected to (red wire) DVR_POWER;

4.3 Connection between AUX_IN and AUDIO_OUT

2.Setting Instruction：

Settings—Factory Settings—Password:190627—Function—Amplifier Selection—Aftermarket Amplifier



3. Confirm whether the system Info of the Android machine is upgraded to a new software that adds an external power amplifier.

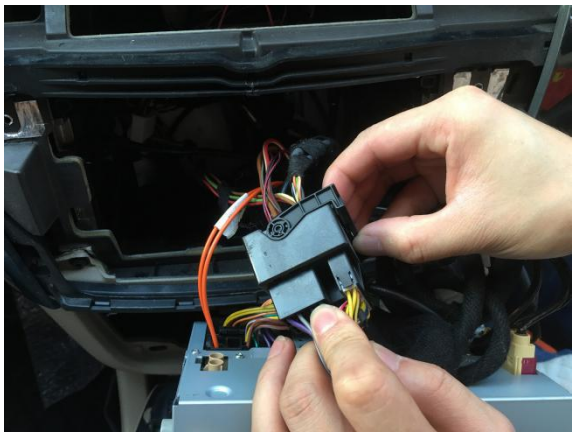
MCU version: 201105 (and new MCU has added external power amplifier)



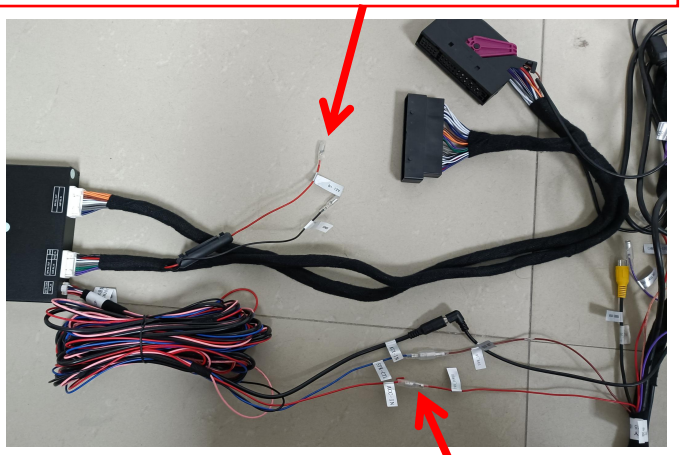
4. If there is no sound after connecting and setting according to the above steps, please follow the methods below to troubleshoot the problem.

A. Check whether the optic cable has been connected to the CD host of the original car.

B. Use a multimeter to check whether the two wires labeled B+ and ACC_IN on the power amplifier box have 12V.



Connect the car 12V, and supply power to the DSP amplifier



ACC_IN，12V



AUX Box



External DSP Amplifier

Note：If NTG5.0 Screen is equiped with external DSP amplifier, then no need AUX Box.

NTG5.0 Aceessories: Aux Box or External DSP Amplifier