

PRODUCT FEATURES:

- Smart-Play Integration system allows connection of Android and other smartphones to the Mercedes Benz NTG4.5 and NTG4.7 infotainment systems.
- Integrates wireless/ wired Android Auto and CarPlay.
- Retains functionality of the OEM backup camera if present.
- Includes an AMI to 3.5MM auxiliary adapter cable.

NOTE: Some Mercedes Benz models do not have a 3.5mm Aux port but instead might have a AMI port, if this is the case, a AMI to RCA adapter is required.

PARTS INCLUDED:



ACPMB-45W Module



Vehicle Harnesses



Smart-Play Interface Module



Video Harness



AMI-3.5MM Adapter Cable



LVDS In/Out Cable



4K HDMI Cable



Microphone



OSD Controller



3.5mm Aux Cable



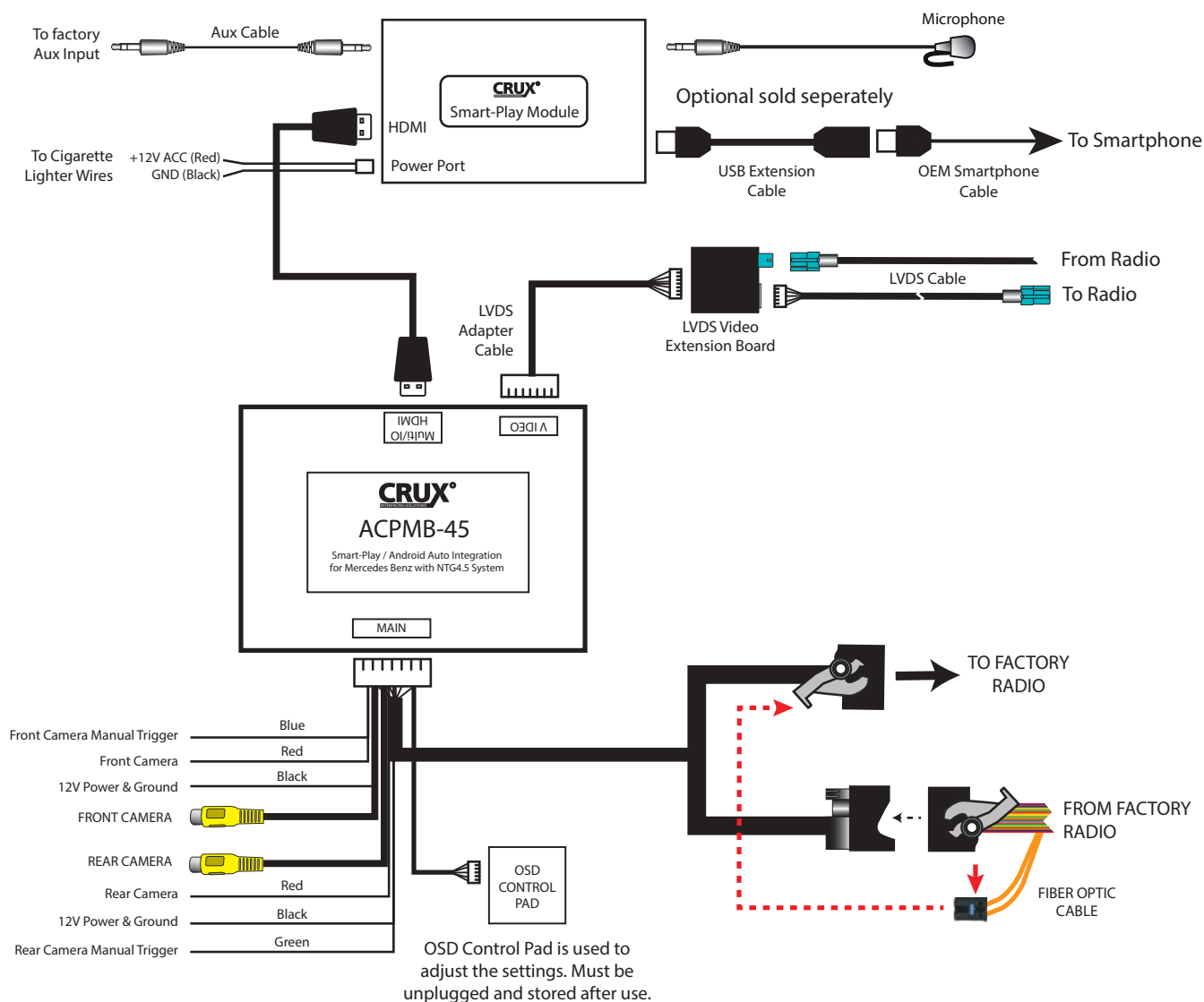
Optional USB cable sold separately



Smart-Play Module Power Harness



WIRING DIAGRAM:



DIP SWITCH SETTINGS:



Note: ON is down and OFF is up

DIP	SETTING	SCREEN SIZE	VEHICLE
1 to 8	ALL OFF	7"	All Classes
1	ON	5.8"	C, CLS, E, GL, GLK, ML, SLK
2	ON	5.8"	A, B, CLA, GLA, G

NOTE: Turn off FPG and PDC function on 5.8" screens.



INSTALLATION INSTRUCTIONS:



1. Use a pry tool to remove dash trim.



2. Carefully pull out the dash trim. It is held in place by multiple clips.



3. Unplug the connector on the dash trim.



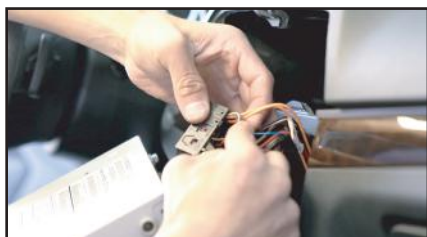
4. Remove the 2 Torx screws holding the radio.



5. Pull out the radio.



6. Unplug the factory Quadlock connector.



7. Remove the fiber optic cable from the factory Quadlock connector. (if applicable)



8. Plug the fiber optic cable to the same location on the ACPMB-45W Quadlock T-harness.



9. Plug the factory Quadlock connector to the mating connector on the ACPMB-45W T-harness.



10. Plug the ACPMB-45W Quadlock connector to the radio.



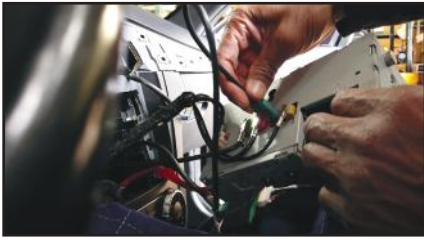
11. Unplug the gray LVDS connector behind the radio.

NOTE: Your Mercedes may have a different colored connector*



12. Plug the gray LVDS connector to the ACPMB-45W LVDS Video Cable.

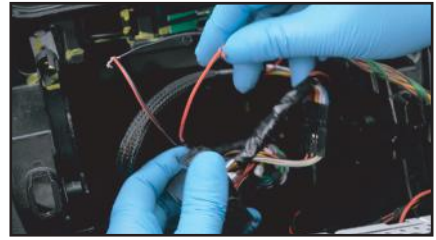




13. Plug the ACPMB-45W LVDS Video cable connector to the radio.



14. Install the front and rear cameras (if applicable) and power using the power wires provided.



15. Tap the Smart-Play module power wires to the cigarette lighter wires



16. Plug in the 4K HDMI cable provided with the kit to the Smart-Play module.



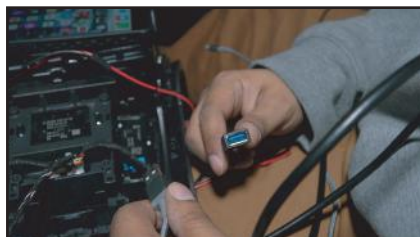
17. Plug the 2 pin power wire connector to the Smart-Play module.



18. Plug the other end of the 4K HDMI cable to the ACPMB-45W module HDMI port.



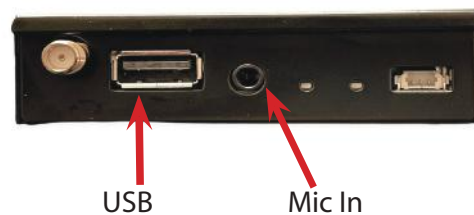
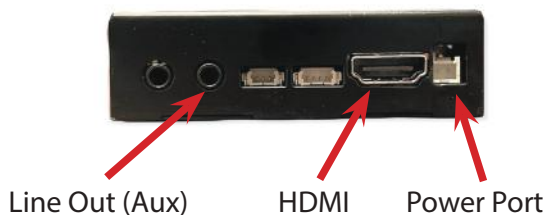
19. Plug in the optional USB extension cable to the Smart-Play module for wired AA/ Carplay



20. Run the other end of the USB extension cable to an accessible location.




21. Plug the AMI-3.5 MM Aux adapter cable to the factory AMI port and the other end to the Smart-Play module Line Out.



OPERATION:



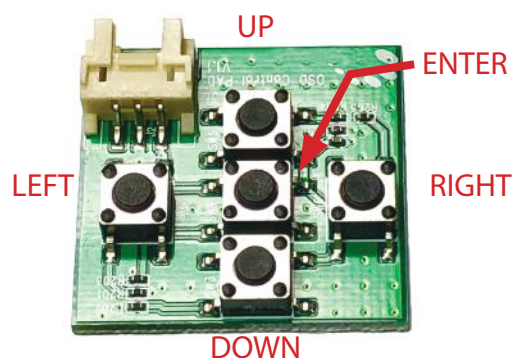
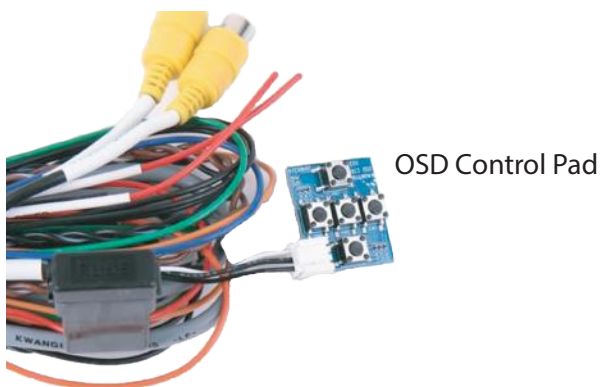
To enter and exit the Smart-Play mode, press the back button  on the steering wheel controls for 3 seconds.



Rotate and push the Comand knob for Smart-Play navigation.

ON SCREEN DISPLAY (OSD) SETTINGS:

The OSD Setting Screen automatically pops up when the OSD Control Pad is connected.



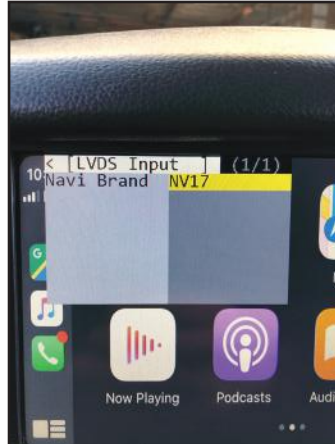
Use the OSD menu to make the necessary settings. Remember to Run Save&Reboot after the settings are made. Unplug the OSD Control Pad after setting the cameras and keep it in a secure location in case it is needed to change the settings.



SMARTPLAY SETTING



After plugging in the OSD controller, navigate down to LVDS Input and set to ON. Push RIGHT button to go to the next menu.

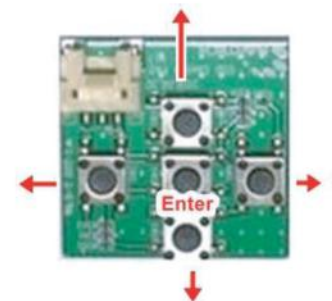
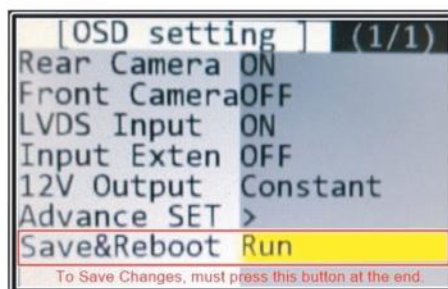
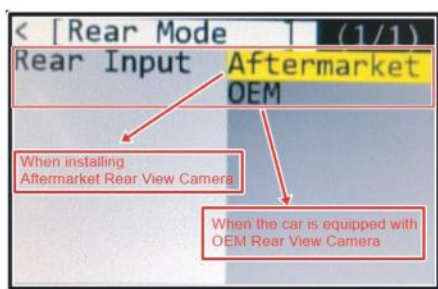
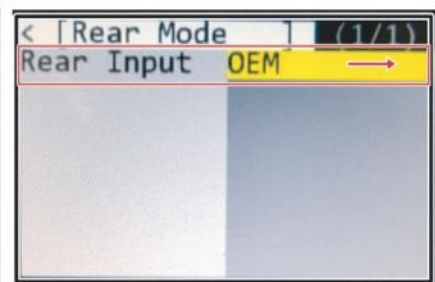
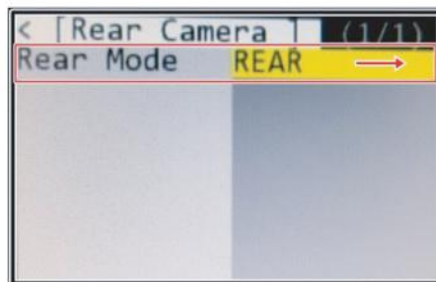


Set Navi Brand to NV17

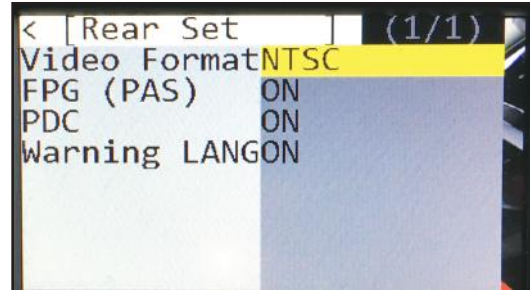
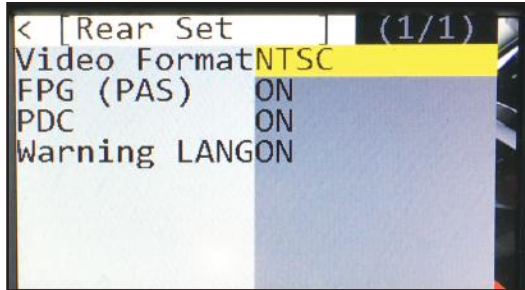


Navigate the OSD back to the main menu and go to Save&Reboot then Run.

REAR AND FRONT CAMERA SETTING



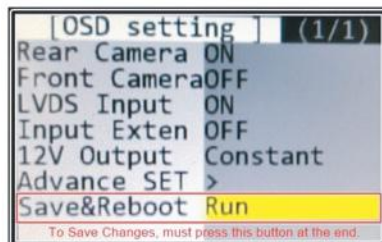
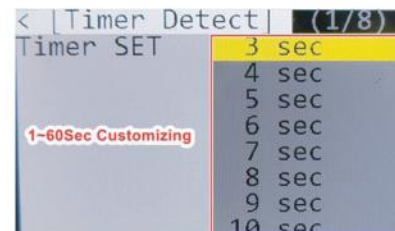
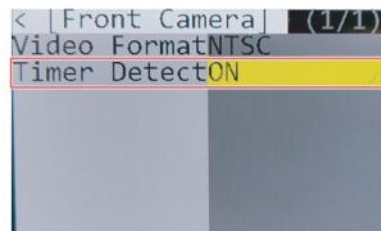
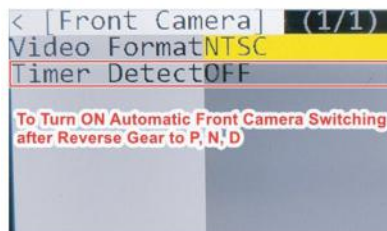
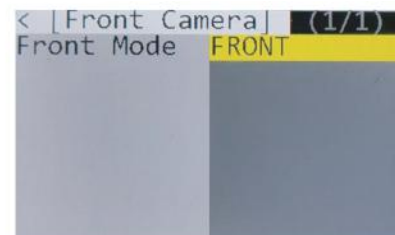
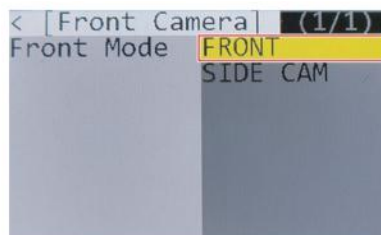
DYNAMIC PARKING GUIDELINES



To turn ON the Dynamic Parking Guide Lines, go the Rear Input > Rear Set and turn ON Warning LANG. Go back to the root menu and Run Save&Reboot. Remember to unplug the OSD Control Pad otherwise the unit will not function properly. Set the parking brake on, start the car, put the gear in reverse, turn the steering wheel all the way to the left and all the way to right then put it in the center. The ACPMB-45W will calibrate automatically.



FRONT CAMERA SETTING



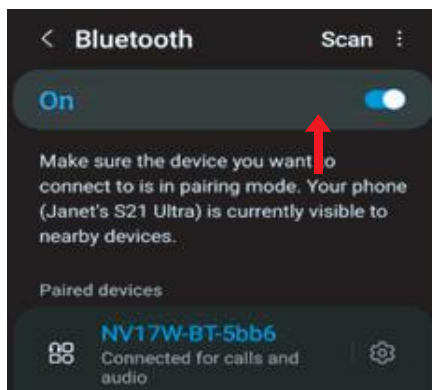
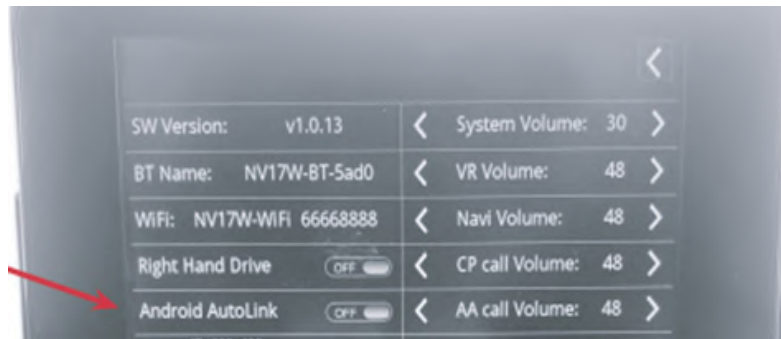
The front Camera will automatically show on the screen when the gear is put to Drive from Reverse. Set the delay time on the OSD menu. Delay time can be set from 1 to 60 seconds after a putting the car to drive from reverse.



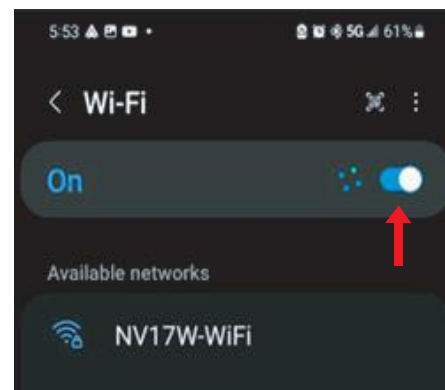
WIRELESS CARPLAY/WIRELESS ANDROID AUTP CONNECTION SETTINGS

Android Auto Wireless connection

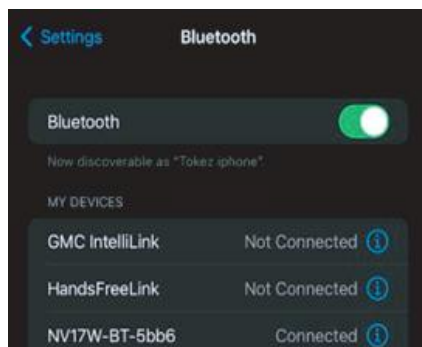
Have Android AutoLink OFF



Have wifi & Bluetooth enabled.



Apple Carplay Wireless Connection



Have wifi & Bluetooth Connected

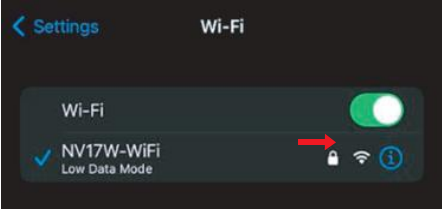


Wait for screen that will state
Use Carplay with "NV17W-WIFI "

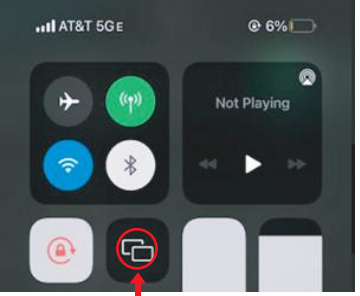


SMARTPHONE MIRRORING CONNECTION

Smartphone Mirroring Connection for Iphones



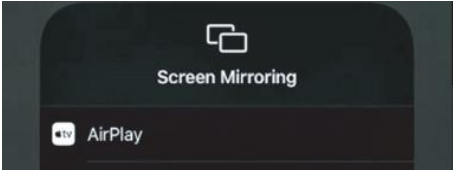
Enable Wi-Fi and connect to " NV17W " module



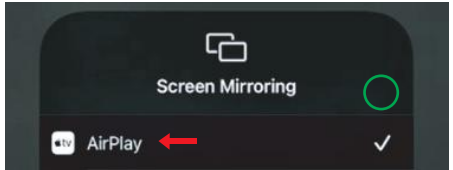
Open Control Center and Tap Screen Mirroring

a. On iPhone X or later; iPad with iPadOS 13 or later: Swipe down from the upper-right corner of the screen.

b. On iPhone 8 or earlier or iOS 11 or earlier: Swipe up from the bottom edge of screen




Airplay will pull up on screen mirroring app

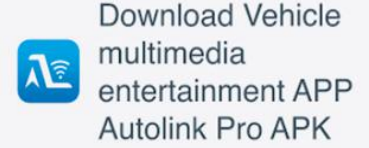


Select " Airplay "

Smartphone Mirroring Connection for Androids




Enable Android AutoLink




Download Vehicle multimedia entertainment APP Autolink Pro APK

Download AutoLink Pro APP Available in the "Play Store"



On AutoLink Pro APP find the Device and Tap to Connect



Select "Start Now"



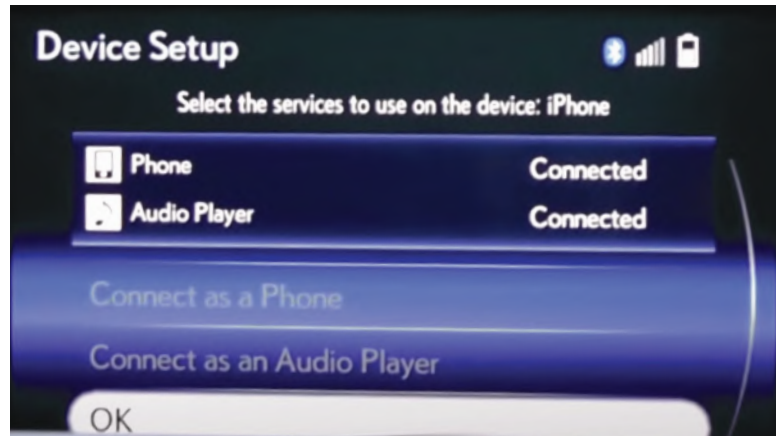
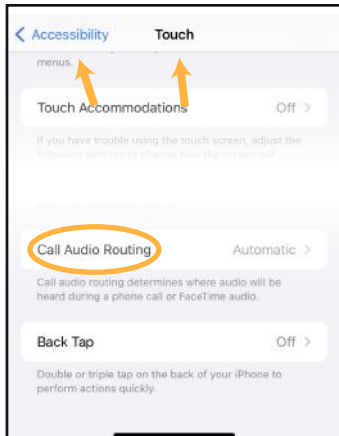
VEHICLE APPLICATIONS:

Mercedes Benz			
2013 - 2015	A-class (W176)	2013 - 2016	GL (X166)
2013 - 2016	B-class (W246)	2014 - 2016	GLA (X156)
2012 - 2016	C-class (W204 / C204)	2011 - 2016	GLK (W204)
2013 - 2014	CLA 250 (late 2014)	2012 - 2016	ML (W166)
2012 - 2016	CLS (W218)	2013 - 2016	SL (R231)
2012 - 2016	E-class (W212 / C207)	2012 - 2016	SLK (R172)
2013 - 2016	G (W463)		



TROUBLESHOOTING

*If your call audio does not use car's bluetooth, manually change it on the phone to select the vehicle during the call, then the phone should remember the last used setting



Changing the call audio routing setting to "BLUETOOTH HEADSET"

Go to Settings - Accessibility - Touch - Call Audio Routing. Keep it at "Automatic"

1. IF the screen is black & not showing factory infotainment screen or the CarPlay/Android Auto Screen
 - Confirm secure connection of LVDS cables to the top monitor.
 - Confirm LVDS cables are not damaged, pinched, kinked or bent.
2. No trigger issue /No click heard when long hold applied on BACK button on steering wheel
 - Check and confirm proper connection of the Main Car Interface Harness, CAN bus board, and 30-pin Car Interface Harness.
 - Check and confirm no loose pins or damage to the harness. Green/RED LED Light should be visible from the Metal Box
3. When long hold is applied on BACK button on steering wheel, black screen appears
 - Confirm proper secure connection of the HDMI Cable.
 - Confirm power wire is connected on the CarPlay Box. Red LED light should be visible from the CarPlay Box.
4. Screen image glitching or distorted
 - Confirm correct dip switch setting.
5. Hands free call quality noise and echo
 - For iPhone, confirm the phone is connected to your vehicle via Bluetooth and "Call Audio Routing setting" Keep it at "Automatic"
 - For Android, confirm Bluetooth is being used for calls by observing phone's call audio output.
6. No sound
 - Confirm AUX cable connection, which is on the HDMI side of the CarPlay Box.
 - Confirm Car Media Source is in AUX mode. Confirm sound output from the phone to CarPlay module.
7. Siri does not recognize my voice
 - Confirm Microphone jack connection (3.5mm), which is on the USB side of the CarPlay Box.
 - Confirm that there are no wire damage.

