# SCB Carplay
# Setting Menu Manual

Android Auto    Apple Car Play

# Android User Interface (Main Page)

## Airplay (Apple i-phone mirroring) <WIFI>

### It is connected by wifi signal

- Turn on the wifi on the i-phone
- Select Carplayxxxxxx
(The wifi name might be deffrent) and connect

- Select "Air play" in the "i-Phone Control Center"
- The smart phone screen
  will be copy on the car screen

## WireAuto (Android Auto) <Cable>

## Enabled Carplay or Android Auto

## Android Mirroring <Cable>

## WirelessDev Setting (Bluetooth)

Wireless Settings **(Bluetooth)**
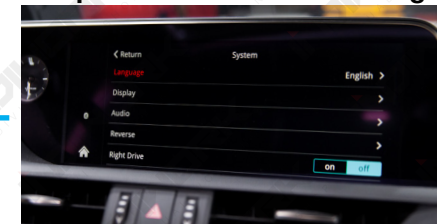
## Setup <Please Check Next Page>

**USB Player (Media,Music)**

**HDMI IN PUT**

## Front Camera

When it installed front view camera
The user can check front view camera image with it

# Settings

## NTG4.5, NTG5

| Setting | Value |
|---|---|
| Language | English > |
| Display | > |
| Audio | > |
| Reverse | > |
| Carplay/AndroidAuto | > |
| Wifi Channel(reboot required) | < 36 > |
| Enhanced WiFi Stability | on / off |
| Carplay optimization | Normal > |
| Right Drive | on / off |
| Camera Mirror | on / off |
| Original Car Sound Quality | on / off |
| Using Car's BT Phone | on / off |
| Fix Previous/Next Keys | on / off |
| Change Key Control | on / off |
| Software Update | > |
| System Version | > |

## CIC

| Setting | Value |
|---|---|
| Language | English > |
| Display | > |
| Audio | > |
| Reverse | > |
| Carplay/AndroidAuto | > |
| Wifi Channel(reboot required) | < 36 > |
| Enhanced WiFi Stability | on / off |
| Carplay optimization | Normal > |
| Right Drive | on / off |
| Camera Mirror | on / off |
| Original Car Sound Quality | on / off |
| Using Car's BT Phone | on / off |
| Enable Wheel Key | on / off |
| Enable CAN Error Warning | on / off |
| Software Update | > |
| System Version | > |

## NBT, EVO

| Setting | Value |
|---|---|
| Language | English > |
| Display | > |
| Audio | > |
| Reverse | > |
| Carplay/AndroidAuto | > |
| Wifi Channel(reboot required) | < 36 > |
| Enhanced WiFi Stability | on / off |
| Carplay optimization | Normal > |
| Right Drive | on / off |
| Camera Mirror | on / off |
| BACK Switch Display | on / off |
| Original Car Sound Quality | on / off |
| Using Car's BT Phone | on / off |
| Enable Wheel Key | on / off |
| Software Update | > |
| System Version | > |

## VW

| Setting | Value |
|---|---|
| System | > |
| Audio | > |
| Reverse | > |
| Carplay/AndroidAuto | > |
| Wifi Channel(reboot required) | < 36 > |
| Enhanced WiFi Stability | on / off |
| Carplay optimization | Normal > |
| Right Drive | on / off |
| Camera Mirror | on / off |
| Original Car Sound Quality | on / off |
| Using Car's BT Phone | on / off |

# Settings

## AUDI

| | |
|---|---|
| Language | English > |
| Display | > |
| Audio | > |
| Reverse | > |
| Carplay/AndroidAuto | > |
| Wifi Channel(reboot required) | < 36 > |
| Enhanced WiFi Stability | on off |
| Carplay optimization | Normal > |
| Right Drive | on off |
| Camera Mirror | on off |
| Original Car Sound Quality | on off |
| Using Car's BT Phone | on off |
| Software Update | > |
| System Version | > |

## Lexus

| | |
|---|---|
| Language | English > |
| Display | > |
| Audio | > |
| Reverse | > |
| Carplay/AndroidAuto | > |
| Wifi Channel(reboot required) | < 36 > |
| Enhanced WiFi Stability | on off |
| Carplay optimization | Normal > |
| Right Drive | on off |
| Camera Mirror | on off |
| Wheel key swap | <Inalid> |
| Touch Pad/Remote Lever | Mini Touch Pad |
| AA Menu/Back Key for Left/Right Switching | on off |
| Original Car Sound Quality | on off |
| Using Car's BT Phone | on off |
| Software Update | > |
| System Version | > |

## V-Sensus

| | |
|---|---|
| Language | English > |
| Display | > |
| Audio | > |
| Reverse | > |
| Carplay/AndroidAuto | > |
| Wifi Channel(reboot required) | < 36 > |
| Enhanced WiFi Stability | on off |
| Carplay optimization | Normal > |
| Right Drive | on off |
| Camera Mirror | on off |
| Use Car's BT Channel | on off |
| Using Car's BT Phone | on off |
| Touch Calibration | > |
| Touch Flip 180º | on off |
| Software Update | > |
| System Version | > |

# Settings

| | |
|---|---|
| Language | English > |
| Display | > |
| **Audio** | **>** |
| Reverse | > |
| Carplay/AndroidAuto | > |
| Wifi Channel(reboot required) | < 36 > |
| Enhanced WiFi Stability | on off |
| Carplay optimization | Normal > |
| Right Drive | on off |
| Camera Mirror | on off |
| Original Car Sound Quality | on off |
| Using Car's BT Phone | on off |
| Software Update | > |
| System Version | > |

## Language

| English | Italian | Spanish | Turkish | Chinese |
|---|---|---|---|---|

## Display

| Brightness | Contrast | Chromaticity | Saturation |
|---|---|---|---|

## Audio

| Volume | 0 ———— 18 | Adjust Main Volume |
|---|---|---|
| Music Volume | 0 ———— 10 | Adjust Music Apps Volume |
| Speach Volume | 0 ———— 15 | Adjust "Apple Siri" "Google Assistant" Volume |
| ⚠ Alert Volume | 0 ———— 15 | Adjust Navigation Apps Volume |
| EQ | | You can adjust sound the frequencies to make it |

| | | | | | **👍 Recommend** | |
|---|---|---|---|---|---|---|
| Loudness | disable | 400 | 800 | 2400 | 400+h | 800+h | 2400+h |

**Adjust Sound Quality**

| Mic Echo PreConfig | Default | Q5L | A6 | C | NTG5 |
|---|---|---|---|---|---|

| Microphone Volume | 0 ———— 24 |
|---|---|
| Microphone OP | 0 ———— 6 |
| Microphone Delay | 0 ———— 30 |

⚠ **AEC Auto Setup**

Optimize the microphone settings.

**Please. Close door and window and Keep the speaker volume high and very quiet. And then start this function.**

# Settings

| Language | English > |
| Display | > |
| Audio | > |
| **Reverse** | **>** |
| **Carplay/AndroidAuto** | **>** |
| Wifi Channel(reboot required) | < 36 > |
| Enhanced WiFi Stability | on / off |
| Carplay optimization | Normal > |
| Right Drive | on / off |
| Camera Mirror | on / off |
| Original Car Sound Quality | on / off |
| Using Car's BT Phone | on / off |
| Software Update | > |
| System Version | > |

## Carplay / Android Auto

- Left Scrap — 0 ——●—— 30
- Right Scrap — 0 ——●—— 30
- Top Scrap — 0 ——●—— 30
- Bottom Scrap — 0 ——●—— 30

Adjust the carplay screen size

- Auto Dark Mode — ON / OFF
- Enable Caplay U/D Key — ON / OFF
- CP Prev/Next Track Reverse — ON / OFF

## Reverse

**Reverse Camera**
- Original — Original = OEM Rear view Camera
- Aftermarket — Aftermarket = External Rear view Camera
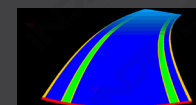
**(!) Reverse Line Detect** — ON / OFF
- OFF = Detected by CAN-BUS
- ON = The screen source will be change to setted reverse camera. Detected by REVERSE 12V IN wire(Purple)

**Reverse Display Track** — ON / OFF
- Enable OR Disabled Parking Guide Line

**Reverse Display Radar** — ON / OFF
- Enable OR Disabled Parking Sensor image

**Front Camera**
- Original — Original = OEM Front view Camera
- Aftermarket — Aftermarket = External Front view Camera

**Front View Time** — 0 ——●—— 10
- When you shift gear 'from R to D' or 'from P to D', it just works automatically during the activation time you selected

**Match 360 Display** — ON / OFF
Lexus   NTG4.5   NTG5.0
- OFF = Ignor turn signal
- ON = If the turn signal is ON the screen mode will be back to Original Cars System

**Reverse Match Original**
- Disable — Defualt setting is Disable. Usally used this option when there is an abnormal reversing or the screen will black out and then light up, etc. Try setting this Option.
- General — General and Medium: 7-inch and 8-inch cars, Set this option to general or medium
- Medium
- High — High: the new 18/19 year 7-inch/8-inch screen car is generally set to high configuration

**Ignore 360 State** — ON / OFF
- OFF = The Backup camera display is Activated for as long as in the shift gear "R"
- ON = If the vehicle has original 360 camera Activated for as long as the 360 camera screen is active.

**Reverse Full Screen** — ON / OFF

**Menu Key Cancel Reverse** — ON / OFF
NBT   EVO
- OFF = Can be Turn off the backup camera Mode using the P(PDC) Button
- ON = Can be Turn off the backup camera Mode using the Menu Button

**Disnable Park Key** — ON / OFF
CIC   NBT   EVO
- ON = If the enabled this Button The Screen mode will be change to "Rear camera"
- OFF = The screen change to "Rear camera" work with only shift gear

# Settings <Backup Camera Guide Line Adjust>



**※ Note**
This feature may not be supported depending on the hardware and software version

## Guide Line Position Setting Menu

Press button 5sec

| FPG Horizontal adjustment | Guide line Position Move to Left & Right |
| FPG Vertical adjustment | Guide line Position Move to Up & Down |
| FPG Size adjustment | Guide line Size scale to Zoom In & Zoom Out |



Shift the vehicle's gear to 'R' to switch the screen to the rear camera view
Then, Press and hold the controller knob for more than 5 seconds long to access the Guide Line Position Adjust setting menu.

# Settings

| | |
|---|---|
| Language | English > |
| Display | > |
| Audio | > |
| Reverse | > |
| Carplay/AndroidAuto | > |
| Wifi Channel(reboot required) | < 36 > |
| Enhanced WiFi Stability | on off |
| Carplay optimization | Normal > |
| Right Drive | on off |
| Camera Mirror | on off |
| Wheel key swap | <Inalid> |
| Touch Pad/Remote Lever | Mini Touch Pad |
| AA Menu/Back Key for Left/Right Switching | on off |
| Original Car Sound Quality | on off |
| Using Car's BT Phone | on off |
| Software Update | > |
| System Version | > |

## Wifi Channel(reboot required)

It function is stable wireless Carplay
**You can improve wireless connection by change wifi channel.**

| | | |
|---|---|---|
| 6 | 2.4Ghz | Basic wifi channel |
| 36 | 5 Ghz | It's a global channel in the United States. |
| 149 | 5 Ghz | It's a chinese channel. |

## Enhanced WiFi Stability

ON OFF

Can be improve your wireless connection by using the "Enhanced WiFi Stability" option and the "Carplay Optimization" feature.

## Carplay optimization

Normal   Option1   Option2

- If the wireless connection is often disconnected
- Sometimes the Screen will be black in use to wireless carplay & android auto

The user has the option to change this setting.
If this setting is modified, the wireless quality and black screen problem may improve to before.

**!** Please the wireless antenna to when attached to a plastic panel and placed away from metal panel or thick power cables within the vehicle.

## Right Drive

ON OFF

ON = Right Steering Wheel
OFF = Left Steering Wheel

## Camera Mirror

ON OFF

## Lexus Only
### Wheel key swap

Swap   Invalid   No swap

Solve the problem that the steering wheel button function is confusing in the carplay interface and cannot be used prohibition means that the steering wheel button function cannot be used in the installation interface"

## Lexus Only
### Touch Pad Remote Lever

Mini Touch Pad

Remote Lever

# Settings

| Language | English > |
|---|---|
| Display | > |
| Audio | > |
| Reverse | > |
| Carplay/AndroidAuto | > |
| Wifi Channel(reboot required) | < 36 > |
| Enhanced WiFi Stability | on / off |
| Carplay optimization | Normal > |
| Right Drive | on / off |
| Camera Mirror | on / off |
| Wheel key swap | <Inalid> |
| Touch Pad/Remote Lever | Mini Touch Pad |
| AA Menu/Back Key for Left/Right Switching | on / off |
| Original Car Sound Quality | on / off |
| Using Car's BT Phone | on / off |
| Fix Previous/Next Keys | on / off |
| Change Key Control | on / off |
| Enable Wheel Key | on / off |
| Enable CAN Error Warning | on / off |
| Software Update | > |
| System Version | > |

**BMW Only**
**Enable Steering Wheel Key** —— OFF | ON = Move the Menu with Steering wheel key

**BMW Only**
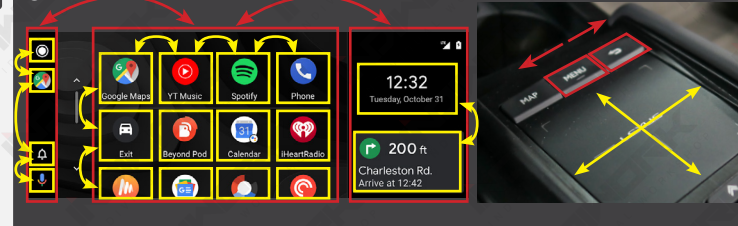**BACK Switch Display** —— OFF | ON = Enable Mode Change with Back Key <Original Carplay>

**Lexus Only**
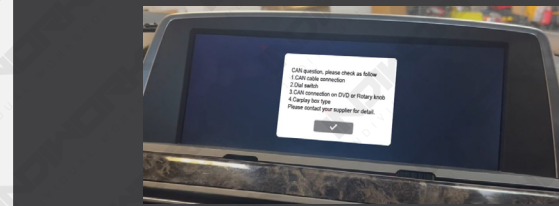**AA Menu/Back Key For Left/Right Switching** —— OFF | ON =



**BMW CIC Only**
**Enable CAN Error Warning** —— OFF | ON = Enable Can Signal Data,Speed Matching Check

If it is not Matched The Waring Message will be shown and This could lead to problems.
(Cars warning lights, i-Drive buttons does not work, screen does not work,Car Play does not work, etc.)



**NTG4.5  NTG5**
**Change Key Control** —— OFF

ON =  In some of NTG4.5 vehicles the cursor(carplay) cannot be operated by turning the knob, After turning on this switch, the knob can rotate the cursor normally.

**NTG5**
**Fix Previous/Next Keys** —— OFF

ON =  When the "Use Car's BT Channel" or "Original Car Sound Quality" is turned on, if the up and down keys switch to two songs, then turning this switch on will only switch to one song at a time.

# Settings

| | |
|---|---|
| Language | English > |
| Display | > |
| Audio | > |
| Reverse | > |
| Carplay/AndroidAuto | > |
| Wifi Channel(reboot required) | < 36 > |
| Enhanced WiFi Stability | on / off |
| Carplay optimization | Normal > |
| Right Drive | on / off |
| Camera Mirror | on / off |
| Wheel key swap | <Inalid> |
| Touch Pad/Remote Lever | Mini Touch Pad |
| AA Menu/Back Key for Left/Right Switching | on / off |
| Original Car Sound Quality | on / off |
| Using Car's BT Phone | on / off |
| Software Update | > |
| System Version | > |

---

**! Use Car's BT Channel**

**Original Car Sound Quality**   **"It is possible from Carplay System version 3.6.0.11 over"**
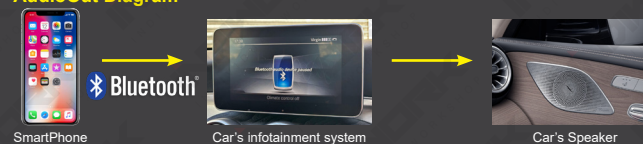
ON    OFF

Basically, the CarPlay module sounds is connected through the car's AUX in port, user can hear a carplay sounds with AUX source

If use this option.
the carplay module will be sounds not out to AUX Anymore.
Not through "AUX" , to get Carplay all sound through Original Bluetooth use this option.

**ON** = The Carplay Sounds out to Original Car's "**bluetooth**" Smartphone should be connect car's **bluetooth**

**AudioOut Diagram**

SmartPhone → Bluetooth → Car's infotainment system **BT Source** → Car's Speaker

**OFF** = The Carplay Sounds out to "**AUX**"

**AudioOut Diagram**

SmartPhone → **Connect** → Carplay Module → **To AUX** → Car's infotainment system **AUX Source** → Car's Speaker

---

**! Using Car's BT Phone**

ON    OFF

In case of some vehicle model, The phonecall quality may not be good When making a call and Answer the phonecall in a carplay <basically using aux source>
If you set this function to "ON",
Using only Car's BT Phone
**When a phonecall comes in.**
The user can't answer when comes phonecall in carplay with controller
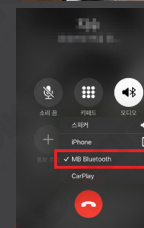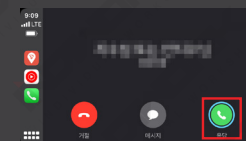
At this time,
The user can receive the phonecall by original cars bluetooth functions by steering wheel buttons

- The Car's must have original bluetooth functions

**Make a phonecall**
Make a phonecall on the Carplay or cellphone and
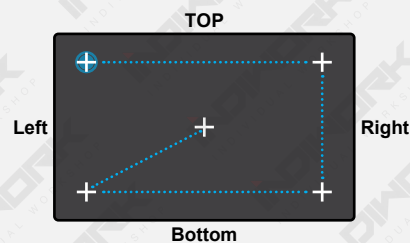Please. change the phonecall source to (Change the vehicle's Bluetooth.)

# Settings

| | |
|---|---|
| Language | English > |
| Display | > |
| Audio | > |
| Reverse | > |
| Carplay/AndroidAuto | > |
| Wifi Channel(reboot required) | < 36 > |
| Enhanced WiFi Stability | on off |
| Carplay optimization | Normal > |
| Right Drive | on off |
| Camera Mirror | on off |
| Use Car's BT Channel | on off |
| Using Car's BT Phone | on off |
| Touch Calibration | > |
| Touch Flip 180º | on off |
| Software Update | > |
| System Version | > |

## ※It need to special firmware

### Supports model : LX(Lexus), AU(Audi), V-sensus(Volvo)
*Other products does not support touch.

**Touch Calibaration** ————○

TOP

Left        Right

Bottom

**Touch Flip** ————○   OFF        ON

! **First step** - Touch Calibration
**Second step** - Touch Flip or Not

Touch Panel Direction          Touch Panel Direction

# Settings

| | |
|---|---|
| Language | English > |
| Display | > |
| Audio | > |
| Reverse | > |
| Carplay/AndroidAuto | > |
| Wifi Channel(reboot required) | < 36 > |
| Carplay optimization | Normal > |
| Right Drive | on / off |
| Camera Mirror | on / off |
| Wheel key swap | <Inalid> |
| Touch Pad/Remote Lever | Mini Touch Pad |
| AA Menu/Back Key for Left/Right Switching | on / off |
| Use Car's BT Channel | on / off |
| Using Car's BT Phone | on / off |
| Software Update | > |
| System Version | > |

## Software Update

### System Update

- Copy the update file "ISPBOOOT.bin" to the root directory of USB storage.<The update file name may differ depending on the motherboard version and model>

- Plug in the USB storage on the carplay box USB port

- Enter the Software update manu and press password and select system update

**Please. Never power off the box on updating**

### MCU Update

- Copy the update file "Upgrade.bin" to the root directory of USB storage.<The update file name may differ depending on the motherboard version and model>

- Plug in the USB storage on the carplay box USB port

- Enter the Software update manu and press password and select MCU update

**Please. Never power off the box on updating**

### Logo Image Update

**Logo Image file format**
   **File Name** : **"logo.bmp"**
- Copy the update file "no logo.bmp" to the root directory of USB storage.
- Plug in the USB storage on the carplay box USB port

### Carplay icon Update

**Carplay icon Image file format**
   **File Name** : **"cp_back.png"**          **Size** : **250 x 250**
- Copy the update file "no logo.bmp" to the root directory of USB storage.
- Plug in the USB storage on the carplay box USB port