



**VELOCITY POWER**

MULTIMEDIA NAVIGATION

**CAPE TOWN 900 DSP/ 1000 DSP**

**PALM SPRINGS 900 DSP/1000 DSP**

**CAPE TOWN 900 DSP**  
**CAPE TOWN 1000 DSP**

9.0"  
10.1"



**PALM SPRINGS 900 DSP**  
**PALM SPRINGS 1000 DSP**

9.0"  
10.1"



***Enjoy it.***

**Operating and Installation Instructions**

# CAUTIONS

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## Safety Notes

This car radio has been manufactured according to established safety guidelines. However, dangers may still occur if the safety notes in this manual is not observed. This manual is intended to familiarize the user with the car radio's important functions. Read this carefully, prior to using the car radio. Keep this manual in an easily accessible location. In addition, do observe the instructions of the devices used in conjunction with this car radio

## Road Safety

Always observe the following notes for road safety:

- Car radio must be used in a way that compliments safety of the user when driving the vehicle. It is recommended for the user to park at an appropriate location when operating the car radio. While driving, user is not recommended to use applications that can be prone to distraction e.g. streaming to medias etc.
- Radios with Navigation : User is recommended to proceed with proposed driving routes only if it does not violate any traffic regulations. Local traffic signs and regulations always prevail over the routes proposed.
- User is advised to keep the volume of the car radio to a moderate level for the protection of the ears and to increase the ability to hear any emergency warning signals (e.g. police and ambulance sirens). Do not increase the car radio volume while the car radio is muted as it is not audible. The car radio volume can be too loud when the car radio is unmuted.

## General Safety Notes:

Observe the following for protection against injuries:

- This car radio is intended for installation and operation in a vehicle with 12V vehicle system outage, hence the radio unit must be installed in a DIN slot. Observe the output limits of the car radio. Do not dismantle or modify the car radio. Installation and repairs, if necessary, should be performed by a specialist. We are not liable for any loss or damage caused or resulting from unauthorized disassembly or modification to the product.
- This car radio's core components may result to damage when the car is driven on bumpy roads for a prolonged period of time or if it is used to play non-standard or severely damaged discs.

- Please do not operate the car radio under extreme temperature conditions (extremely high temperature or extremely low temperature); make sure that temperature within the car ranges from -20°C to 70°C before you connect the car radio to the power supply.
- For abnormalities, please refer to the "Troubleshooting" section. If the problem cannot be resolved, please press the Reset button to recover its factory settings. Otherwise, please contact respective installer/seller directly for help.
- As SD/USB file formats, codecs, bitrate, resolution and other parameters available in the market are not all the same, there is no guarantee that this car radio can play all media file formats.
- Different cars may have different configurations. It is normal that some CAN-Bus functions cannot be enabled because it is not supported by the user's car or this car radio.
- Solvents, cleaning and scouring agents as well as dashboard spray and plastics care products may contain materials which can damage the surface and screen of the car radio. Use only dry or slightly moistened cloth to clean the car radio surface and screen.

This manual may be updated from time to time without any notice. Visit [www.blaupunkt.com](http://www.blaupunkt.com) for more info.

## Disclaimer

In no event shall Blaupunkt be liable for any direct, indirect, punitive, incidental, special consequential damages to property or life and whatsoever arising out of or connected with the use or misuse of our products.

USA & CANADA: This product is not intended for sale in the United States and Canada. If purchased in the U.S. or Canada, this product is purchased on as-is basis. No warranty, whether expressed or implied is provided in the U.S. or Canada.

# CAUTIONS

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## Disposal Notes



Do not dispose of your old unit in the household trash!  
Use the return and collection systems available to dispose of the old device.

## Radios with Detachable Panel - Damage to the control panel

- Never drop the control panel.
- Transport the control panel so that it is protected against impacts and the contacts cannot become dirty.
- Do not expose the control panel to direct sunlight or another heat source.
- Avoid direct skin contact

## Scope of Delivery

- User Manual
- Connecting Cables
- AVN Harness
- TPMS Wire Harness
- USB Cables
- External Microphone
- GPS Antenna
- 4G Antenna
- 360 AVM (Optional)

# KEY FUNCTIONS



## Functions

### 1. Microphone

### 2. Reset

When the machine is not working properly, press this button to reboot the machine

### 3. Power Button

- Press to activate the system/mute volume
- Press and hold to turn off the system

### 4. Home Button

### 5. Back Button

### 6. Volume Up

### 7. Volume Down

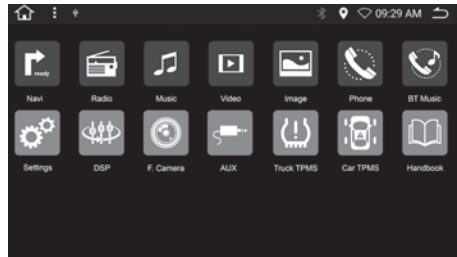
# OPERATION

## Home Page

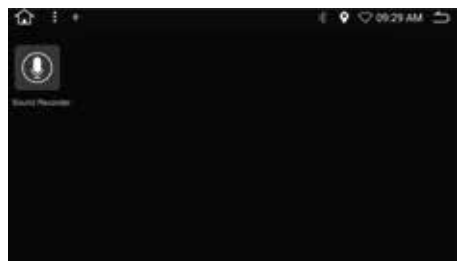


### Main Interface

- Press button to return to the default main interface.
- Press and hold button to clear background running programs.
- Slides to left for more applications.
- Press button for all system applications.



- Press button for third-party applications.



### Change Wallpaper

- Press button for changing wallpaper for main interface.



### Change Icon Position

- Press and hold the select icon then it pop-up, movable and can locate to new position.

### Apps info

- Press and hold the activated icon, drag the icon to .

### Delete Apps

- Press and hold the activated icon, drag the icon to .

## Radio

To enter Radio Mode, press "Radio" icon on the Main Menu.



The detailed functions are described as follows:

1. Radio scale
2. Seek down
3. Radio frequency
4. Mono or Stereo, decided by the radio IC
5. Displays LOC or DX
6. Seek up
7. Active RDS Function
8. Preset Station List
9. AM Band Switch button
10. FM Band Switch button
11. -Press to non stop seek tuning, press again to cancel  
-Press and hold for switching the preset channels ,  
press again to cancel
12. Change between Locate and DX mode
13. EQ and FAB setting

# OPERATION

## RDS (Radio Data System)

|     |                                                                                                                                     |
|-----|-------------------------------------------------------------------------------------------------------------------------------------|
| TP  | Shows the traffic station is on or not                                                                                              |
| AF  | It can switch to stronger signal frequency when the current frequency is weak, but keep the contents same, only frequency different |
| TA  | It can source the traffic info every minute, and stops to broadcast the traffic info once news come in.                             |
| PTY | To search by type                                                                                                                   |

## Storing a Station

- 1. Select a station. ( Example: FM1 103.6MHz )
- 2. Touch and Hold the desired preset number ( Example : P1 ) to store Radio station.

## BT

### Pre-pair BT

- Ensure mobile phone supports Bluetooth function before pairing. Different mobile phone will have different emissive power. To get the best connection, the recommended distance range is 3m without any object obstruction. For the first user/reinstall the software is required to connect internet to fully register the Bluetooth.

### Pairing

- Turn on mobile phone's Bluetooth to set up. (Please refer to the instruction manual of the mobile phone on how to operate Bluetooth) **"CAPE TOWN 900 DSP/1000 DSP"** or **"PALM SPRINGS 900 DSP/1000 DSP"** should appear on your available Bluetooth scanning list.
- Select **"CAPE TOWN 900 DSP/1000 DSP"** or **"PALM SPRINGS 900 DSP/1000 DSP"** then insert password "0000", if password is required. Select confirm buttons when pairing prompt message appear. It will appear in white colour in the Home Page when pairing successful.

### Delete Pairing

- In registered Bluetooth device list, choose which device want to delete and it will appear the confirmation to delete and select "OK" to continue.

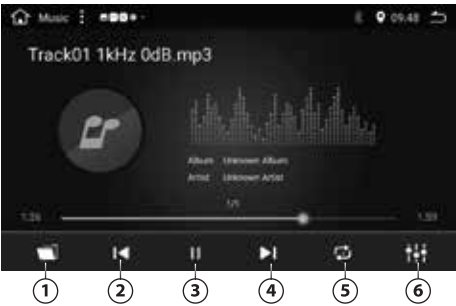
## Hands-Free Call



- 1. Dial Panel
- 2. Phone book
- 3. Phone call record
- 4. Device list
- 5. Bluetooth settings

## Multimedia

### Music Player



- 1. Back to the folder
- 2. Previous track
- 3. Pause
- 4. Next track
- 5. Repeat/shuffle
- 6. EQ settings

### Video Player



- 1. Back to the folder
- 2. Previous track
- 3. Pause
- 4. Next track
- 5. Repeat/shuffle
- 6. Full screen

# OPERATION

## DSP Setting

### 1. EQ

- Adjust Sound Effect - Flat, Pop, Rock, etc.



### 2. Curve

- Adjust custom sound curve.



### 3. FAB

- Adjust the sound balance.



### 4. Delay

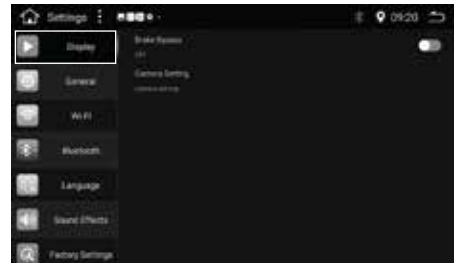
- Adjust the stereo and sound field delay.



## Settings

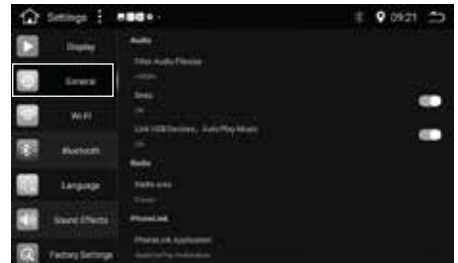
### 1. Display

- Brake Bypass – Switches “OFF”, the screen will display warning information if playing video. The warning screen will prevent the driver from watching videos while the vehicle is in motion.



### 2. General

- Select an option to adjust.



### 3. Wi-Fi Setup

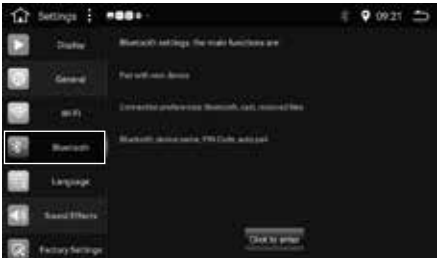
- Turn on the Wi-Fi and search the available networks.
- Select a hotspot to connect.



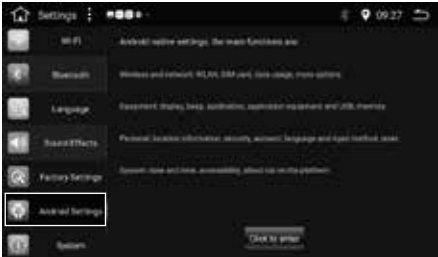
# OPERATION

## 4. BT

- Manage BT devices.



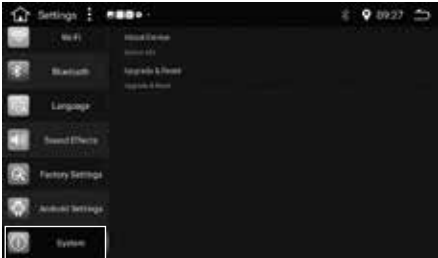
## 8. Android Settings



## 5. Language Setup

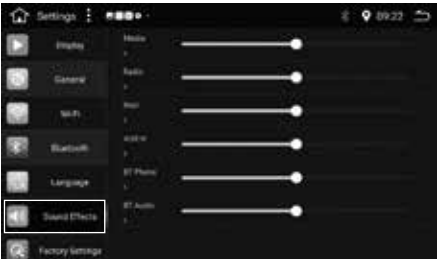


## 9. System Info



## 6. Source volume level

- Adjust the volume level of each Source.



## 7. Factory

- Access Factory configuration.

Default Password: 8888



# OPERATION

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## General

|                       |                  |
|-----------------------|------------------|
| Power supply (12V)    | 10.5 V ~ 16 V DC |
| Standby current       | ≤ 5mA            |
| Operating current     | <12A             |
| Max. power output     | 4 x 50W          |
| Dimension (WxLxH)     | 230x130x45mm     |
| Weight                | 0.78kg           |
| Operation temperature | -20°C ~ 60°C     |
| Screen size           | 9.0/10.1 inch    |
| Resolution            | 1280 x 720 pixel |
| Aspect ratio          | 4:3 / 16:9       |

## FM Stereo Radio

|                        |               |
|------------------------|---------------|
| Tuning range           | 87.5 - 108MHz |
| Preset memory stations | 18            |

## AM/MW Radio

|                        |             |
|------------------------|-------------|
| Frequency range        | 522~1620KHz |
| Preset memory stations | 12          |

## Audio Specification

|                      |            |
|----------------------|------------|
| Frequency response   | 50Hz-15kHz |
| Parametric Equalizer | 16-Band    |

## Input

|     |                                      |
|-----|--------------------------------------|
| USB | Audio : MP3, CDA<br>Video : AVI, MP4 |
|-----|--------------------------------------|

|        |     |
|--------|-----|
| Aux-in | RCA |
|--------|-----|

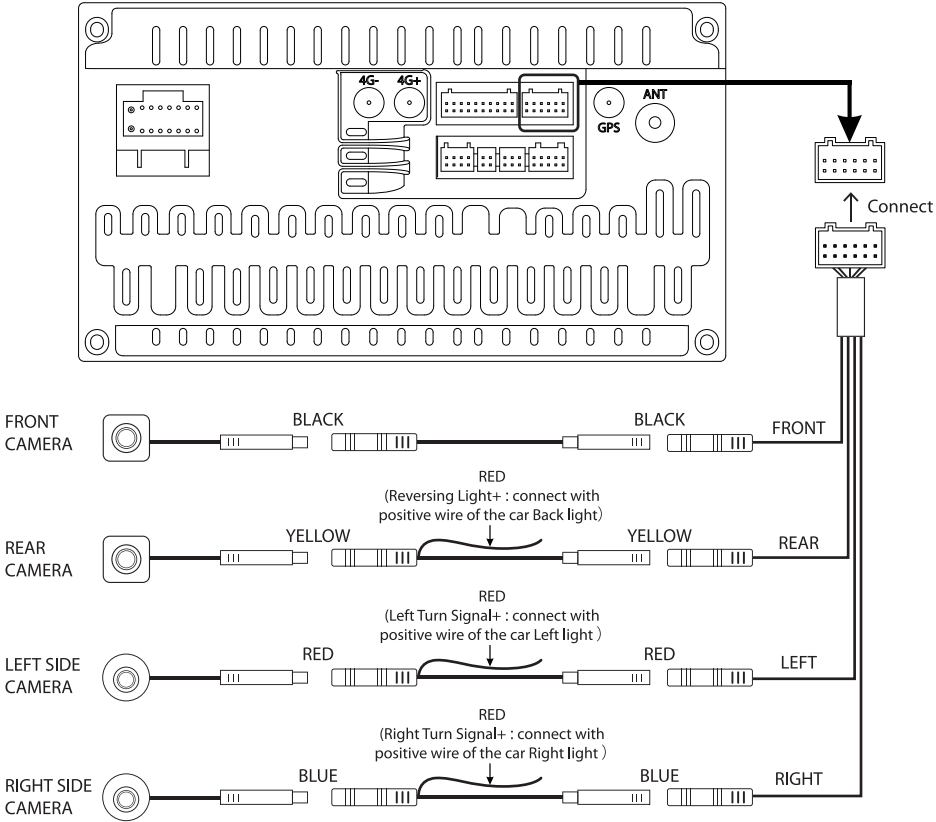
## BT

|                                       |       |
|---------------------------------------|-------|
| Hands-Free Calling : Accept/ Hang Up/ |       |
| Reject Call                           | HFP   |
| Phone Book Access                     | PBAP  |
| Audio Streaming                       | A2DP  |
| Streaming Audio Control               | AVRCP |
| Support for Bluetooth Headset         | HSP   |

# 360 AVM (OPTIONAL)

**NOTE:**

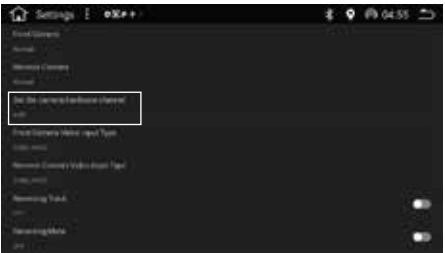
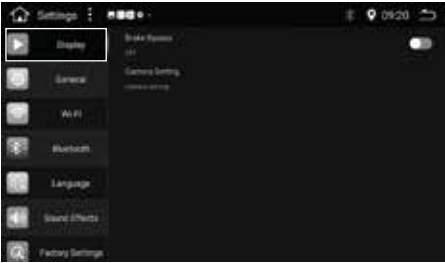
- Head unit does not support AHD rear & front camera cable.
- Connect the AVM 360 camera to the head unit to enter 360 view.
- AVM 360 camera is sold separately, speak to your Blaupunkt partner for future assistance.



# 360 AVM (OPTIONAL)

## 360 Parking System

1. Enter the Settings page, select **Display > Camera Setting**



2. Select **Set the camera hardware channel > AVM**, then return to **Homepage**. A pop-up message to reboot the unit will appear, confirm reboot. Please wait for the unit to complete reboot.



3. According the camera manual select the match parameter.



4. After setting, return to homepage. A pop-up message to reboot the unit will appear, confirm reboot. 360 rear icon will appear when reboot is complete.

## NOTE:

- If window not showing, ensure to reboot the headunit manually.

## Entering AVM

1. Go to , press then choose



2. Press to enter the 2D interface.



- Double tap the left side view for Panorama picture.

- a. Switch to 3D view
- b. Left view eliminate distortion
- c. Right view eliminate distortion
- d. Front view eliminate distortion
- e. Rear view eliminate distortion
- f. Right view
- g. Front view
- h. Rear view
- i. Left view
- j. Left rear side view- 3D angle, show around the car left rear view.

# 360 AVM (OPTIONAL)

- k.  Front left side view- 3D angle, show around the car front left view.
- l.  Right rear side view- 3D angle, show around the car right rear view.
- m.  Left front side view- 3D angle, show around the car left front view.
- n.  Limit of front wheel width view angle vertical view show on screen middle.
- o.  Front wheel line width view angle-vertical view show on screen left side.
- p.  Car front side-when car front radar sounding. Click this for enter front view.
- q.  Car front side-when car rear radar sounding. Click this for enter rear view.
- r.  Widthwise vertical view-when car rear radar sounding. click this for enter rear view.
- s.  Front triad screen, with more view angle.
- t.  Rear triad screen, with more view angle.

3.Press  to enter the 3D interface.

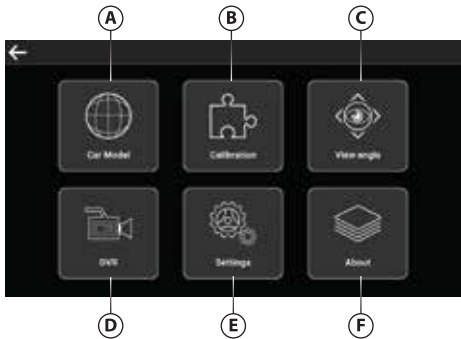


• Double tap the left side view for Panorama picture

- a.  Switch to 2D view
- b.  Rear view
- c.  Front view
- d.  Rear view- 3D rear view
- e.  Front view- 3D rear view
- f.  Left rear side view- 3D angle, show around the car left rear view.

- g.  Front left side view- 3D angle, show around the car front left view.
- h.  Right rear side view- 3D angle, show around the car right rear view.
- i.  Left front side view- 3D angle, show around the car left front view.
- j.  Limit of front wheel width view angle vertical view show on screen middle.
- k.  Front wheel line width view angle-vertical view show on screen left side.
- l.  Car front side-when car front radar sounding. Click this for enter front view.
- m.  Car front side-when car rear radar sounding. Click this for enter rear view.
- n.  Widthwise vertical view-when car rear radar sounding. Click this for enter rear view.
- o.  Front triad screen, with more view angle.
- p.  Rear triad screen, with more view angle.
- q.  3D Rotation
- r.  Take photo - support talking photo during driving.
- s.  Setting

## Setup



# 360 AVM (OPTIONAL)

## A. Car Model



- 1. More vehicles. Click to select car model
- 2. My garage ( Sedan , SUV, MPV )
- 3. Front view
- 4. View angle mode ( 10°, 20°, 30°, 45° )
- 5. Vehicle color
- 6. Car mode
- 7. License plate settings

## B. Calibration

- Key in the password to access the calibration interface.
- Password : 8888



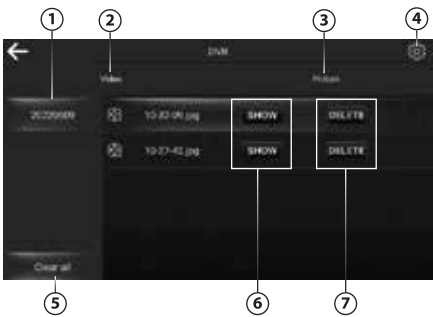
## C. View Angle.

- Key in the password to enter the view angle interface.
- Password : 8888



## D. DVR

- Access the driving record, photos and settings.



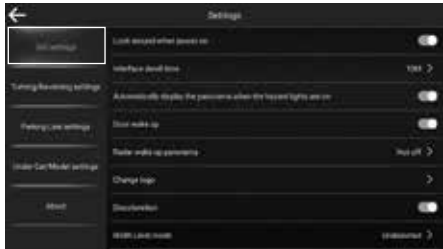
- 1. Date
- 2. Car driving video
- 3. Driving photo
- 4. Settings
- 5. Clear all
- 6. Show the record
- 7. Delete the record



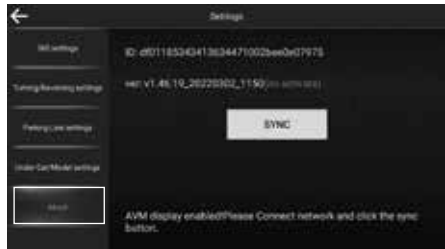
# 360 AVM (OPTIONAL)

## E. Settings

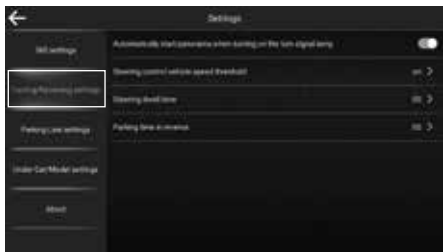
- 360 settings



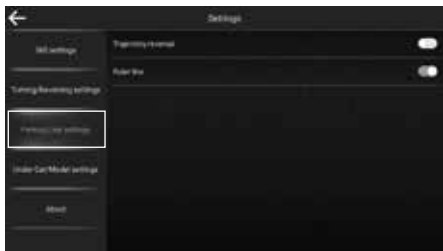
- About



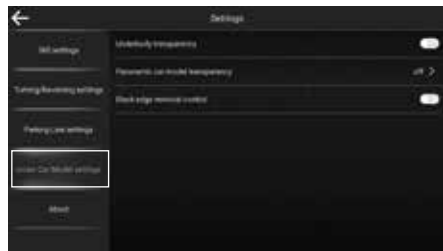
- Turning/Reversing settings



- Parking Line settings

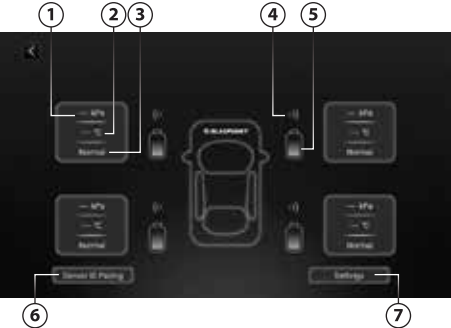


- User Car/Model settings



# CAR TPMS

## Main Interface



- 1. Display tire pressure
- 2. Display tire temperature
- 3. Display tire status: Normal/ High temperature/ Low pressure, etc
- 4. Sensor signal: Turn to yellow when signal is abnormal
- 5. Sensor voltage: Turn to yellow when voltage is low
- 6. Enter the sensor ID pairing interface
- 7. Enter the settings interface

## Settings



- 1. Set pressure units (Psi/kPa/Bar)
- 2. Set temperature units (°C/°F)
- 3. Set the low pressure alarm threshold to transmit a low pressure alarm when the tire pressure drops below the threshold
- 4. Set the high pressure alarm threshold to transmit a high pressure alarm when the tire pressure exceeds the threshold
- 5. Set the high temperature alarm threshold to transmit a high temperature alarm when the temperature exceeds the threshold
- 6. Alarm Sound: Enable/ Disable
- 7. Show Spare Tire: Enable/ Disable
- 8. Show Floating Ball: Enable/ Disable

## Sensor ID Pairing

- 1. Select a preferred tire



- 2. Start sensor ID pairing status



- 3. Sensor ID pairing process can be interrupted.



- 4. The sensor ID pairing process will be time out & exit, when the sensor signal pairing takes more than 300 seconds.



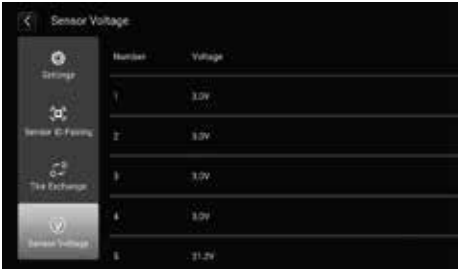
# CAR TPMS

5. Sensor ID pairing is completed



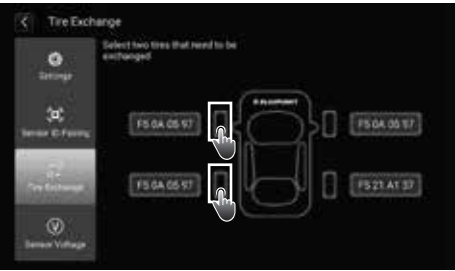
## Sensor Voltage

1. Display the voltage values of each sensor

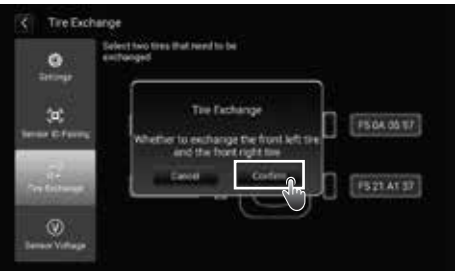


## Tire Exchange

1. Select the two tires that need to be exchanged



2. Confirm tire exchange

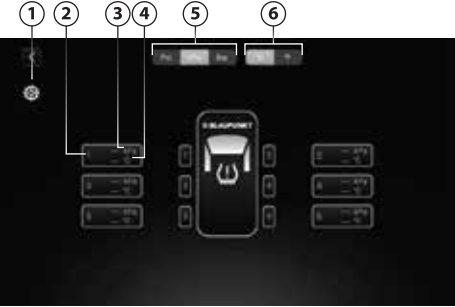


3. Tire exchange is completed



# TRUCK TPMS

## Main Interface



1. Enter the settings interface
2. Display tire number
3. Display tire pressure
4. Display tire temperature
5. Set pressure units
6. Set temperature units

## Settings



1. Set pressure units (Psi/kPa/Bar)
2. Set temperature units (°C/°F)
3. Set the low pressure alarm threshold to transmit a low pressure alarm when the tire pressure drops below the threshold
4. Set the high pressure alarm threshold to transmit a high pressure alarm when the tire pressure exceeds the threshold
5. Set the high temperature alarm threshold to transmit a high temperature alarm when the temperature exceeds the threshold
6. Alarm Sound: Enable/ Disable

## Sensor ID Pairing

1. Select a preferred tire



2. Start sensor ID pairing status



3. Sensor ID pairing process can be interrupted.



4. The sensor ID pairing process will be time out & exit, when the sensor signal pairing takes more than 300 seconds.



# TRUCK TPMS

5. Sensor ID pairing is completed



## Tire Exchange

1. Select the two tires that need to be exchanged



2. Confirm tire exchange

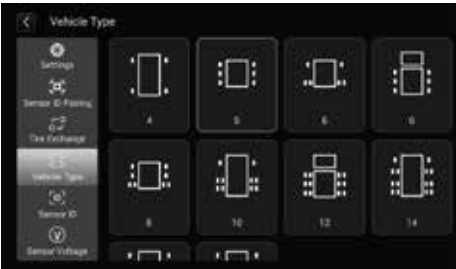


3. Tire exchange is completed



## Vehicle Type

1. Select the preferred vehicle type



2. Confirm Selection



## Sensor ID

1. Display the ID numbers of each sensor

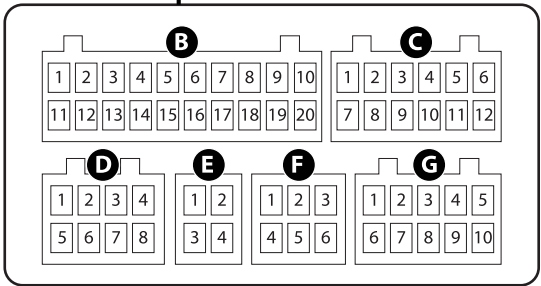
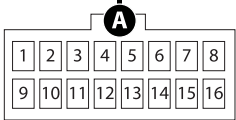
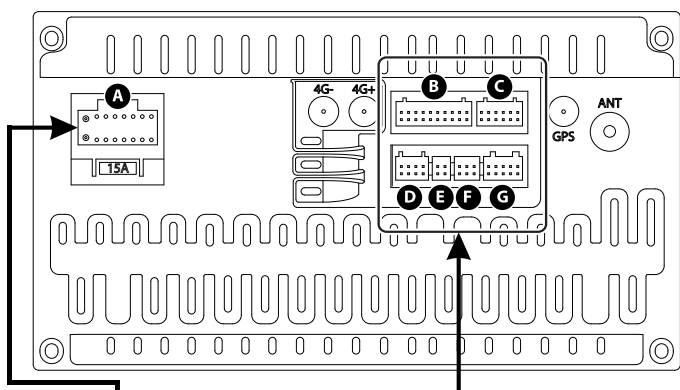


## Sensor Voltage

1. Display the voltage values of each sensor



# WIRING DIAGRAM



| NO. | WIRE         | A        |
|-----|--------------|----------|
| 1   | BLACK        | GND      |
| 2   | RED          | ACC      |
| 3   | PINK         | REVERSE  |
| 4   | BROWN        | KEY 1    |
| 5   | GREY/BLACK   | FR-      |
| 6   | GREY         | FR+      |
| 7   | WHITE/BLACK  | FL-      |
| 8   | WHITE        | FL+      |
| 9   | YELLOW       | BATT 12V |
| 10  | ORANGE       | ILL      |
| 11  | BROWN/BLACK  | KEY 2    |
| 12  | BLUE         | ANT CONT |
| 13  | GREEN/BLACK  | RL-      |
| 14  | GREEN        | RL+      |
| 15  | PURPLE       | RR+      |
| 16  | PURPLE/BLACK | RR-      |

| NO. | WIRE   | B        |
|-----|--------|----------|
| 1   | BROWN  | AMP+12V  |
| 2   | RED    | AUX-R    |
| 3   | WHITE  | AUX-L    |
| 4   | BLUE   | SIM-SIO  |
| 5   | YELLOW | SIM-INT  |
| 6   | WHITE  | SIM-SCLK |
| 7   | GREEN  | SIM-SRST |
| 8   | RED    | SIM-PMU  |
| 9   | RED    | F-CAMERA |
| 10  | BLACK  | MIC-     |
| 11  | BLACK  | GND      |
| 12  | WHITE  | RCA-L    |
| 13  | RED    | RCA-R    |
| 14  | BLACK  | GND      |
| 15  | BLACK  | GND      |
| 16  | BLACK  | GND      |
| 17  | -      | V-OUT    |
| 18  | YELLOW | SUB      |
| 19  | WHITE  | AUX-V    |
| 20  | RED    | MIC+     |

| NO. | WIRE | C         |
|-----|------|-----------|
| 1   | -    | L-TURN    |
| 2   | -    | GND       |
| 3   | -    | GND       |
| 4   | -    | GND       |
| 5   | -    | GND       |
| 6   | -    | 5V        |
| 7   | -    | R-TURN    |
| 8   | -    | 360 AHD-F |
| 9   | -    | 360 AHD-R |
| 10  | -    | 360 AHD   |
| 11  | -    | 360 AHD-L |
| 12  | -    | 5V        |

| NO. | WIRE  | D      |
|-----|-------|--------|
| 1   | BLACK | GND    |
| 2   | RED   | RCA-RR |
| 3   | -     | SPDIF  |
| 4   | BROWN | CAN-TX |
| 5   | -     | NC     |
| 6   | WHITE | RCA-RL |
| 7   | -     | GND    |
| 8   | PINK  | CAN-RX |

| NO. | WIRE  | E       |
|-----|-------|---------|
| 1   | RED   | USB 5V  |
| 2   | BLACK | GND     |
| 3   | GREEN | USB-DP1 |
| 4   | WHITE | USB-DN1 |

| NO. | WIRE  | F       |
|-----|-------|---------|
| 1   | RED   | USB 5V  |
| 2   | BLACK | GND     |
| 3   | -     | OTGDP   |
| 4   | GREEN | USB-DP2 |
| 5   | WHITE | USB-DN2 |
| 6   | -     | OTGND   |

| NO. | WIRE   | G           |
|-----|--------|-------------|
| 1   | WHITE  | TX          |
| 2   | GREEN  | RX          |
| 3   | -      | IR          |
| 4   | RED    | P14V        |
| 5   | PINK   | PARKING     |
| 6   | WHITE  | NC          |
| 7   | BLACK  | GND         |
| 8   | YELLOW | CAM         |
| 9   | BLACK  | GND         |
| 10  | WHITE  | WIFI/BT-ANT |

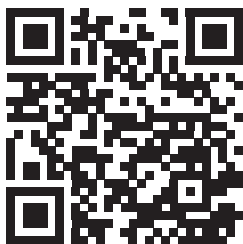
# TROUBLESHOOTING

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If any of the following problem occur, please resort to Troubleshooting for the possible solutions. Consult Blaupunkt authorized dealer if problem persist.

| Problems                    | Possible Causes                                                                | Solutions                                                             |
|-----------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Unable to start up          | The car key is not inserted into the ignition; ignition is off.                | Insert the car key and turn on the ignition.                          |
|                             | Power Cable is not inserted into the main body.                                | Insert the power cable.                                               |
|                             | Burnt power fuse .                                                             | Replace it with a new fuse.                                           |
|                             | Drained car battery.                                                           | Charge or replace the car battery.                                    |
| No sound                    | Audio cables are not properly connected to the unit.                           | Ensure proper connection of the audio cables.                         |
|                             | Mute setting is on.                                                            | Unmute the volume.                                                    |
|                             | Low volume.                                                                    | Adjust the volume.                                                    |
|                             | No sound from front, rear, left & right speakers due to Fade-Balance settings. | Select Equalizer from Home Page to adjust setting.                    |
| No rear-view reverse image  | The rear camera is not appropriately connected with power supply.              | Examine the camera's power supply connectivity.                       |
|                             | Camera's signal line not plugged in.                                           | Insert the camera's signal line into the interface port of this unit. |
| Key light does not light up | The cable didn't connect correctly.                                            | Check the headlight line connection.                                  |
|                             | The light button is not on.                                                    | Enable the button light on Setup.                                     |





**Blaupunkt Car Entertainment - Asia Pacific Competence Centre**

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CAPE TOWN 900 DSP  
1 104 23 057 69 01

CAPE TOWN 1000 DSP  
1 104 23 058 69 01

PALM SPRINGS 900 DSP  
1 104 23 059 69 01

PALM SPRINGS 1000 DSP  
1 104 23 060 69 01