

AirTouch

PERFORMANCE



USER MANUAL

AirTouch Performance 8 Navigation System
for Volvo vehicles

Based on Android 8.1/9996152/CC-VI-NAVI-VOLVO-8

KIBERCAR

INTRODUCTION

Congratulations!

You have purchased **AirTouch Performance 8**.

Kibercar Company thanks you for choosing our solution. We wish you to have the most pleasant and productive interaction with our system.

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1. MAIN INTERFACE

1.1. Home Screen

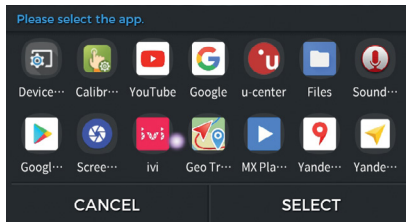
1. Return
2. Return to Main Menu
3. Dual-purpose button. Running Apps / Split Screen function. To turn on Split Screen, press and hold for two seconds.
4. Dual-purpose button. Sound level / Turn on and off voice prompts speaker. To turn on and off voice prompts speaker, press and hold for two seconds.
5. Installed apps.
6. Device Settings.
7. Dual-purpose button. Zoom-in button for map (navigation) apps / Shortcut button for set (defined) app (see Zoom button enable in Device Settings).
8. Dual-purpose button. Zoom-out button for map (navigation) apps / Shortcut button for set (defined) app (see Zoom button enable in Device Settings).
9. Standard Google Android OS notification panel.



1. MAIN INTERFACE

10. Assigned buttons.

To assign an app to a specific button, press and hold the button for two seconds and tap the required app, then tap Select button.



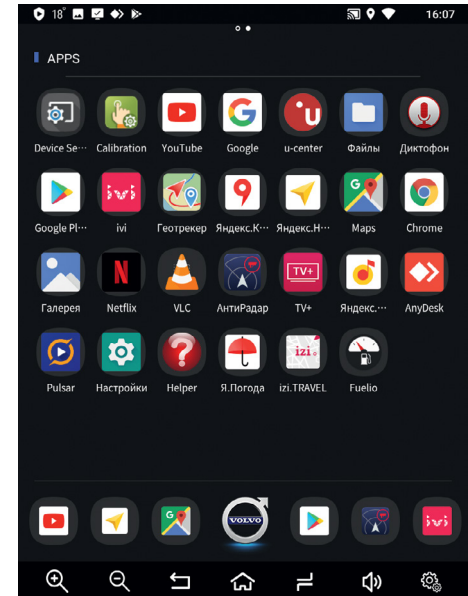
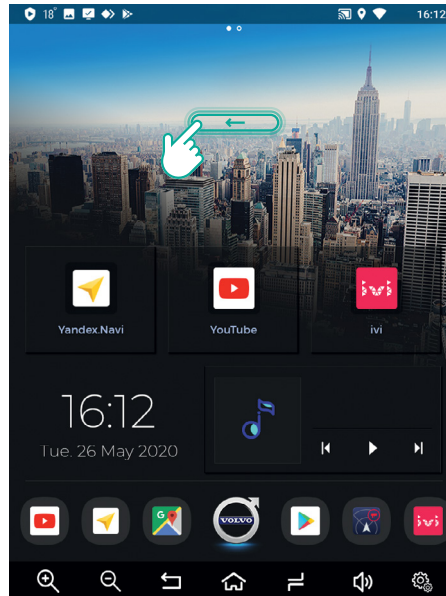
11. Date and Time.

12. Pulsar Music Player.

1.2. Viewing Installed Apps List


To view Installed Apps List, swipe left in the upper part of Home Screen.

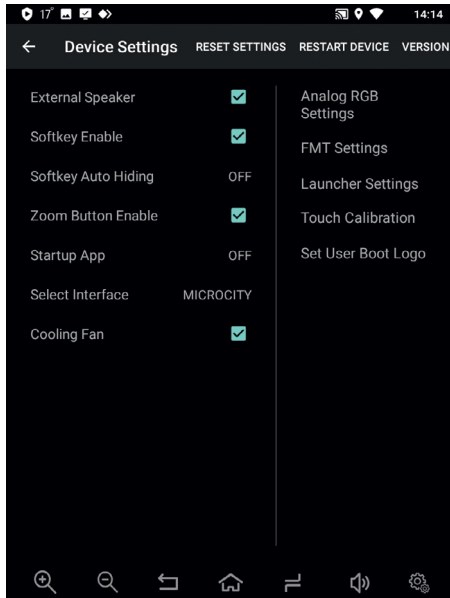
To launch an app from the Apps List, tap its icon.



Please Note!

Making changes in Device Settings may result in incorrect operation or malfunction of the device!

To enter Device Settings, tap  button.



This menu allows making individual settings in AirTouch Performance system.

External Speaker – turn on / off voice prompts speaker in map (navigation) apps.

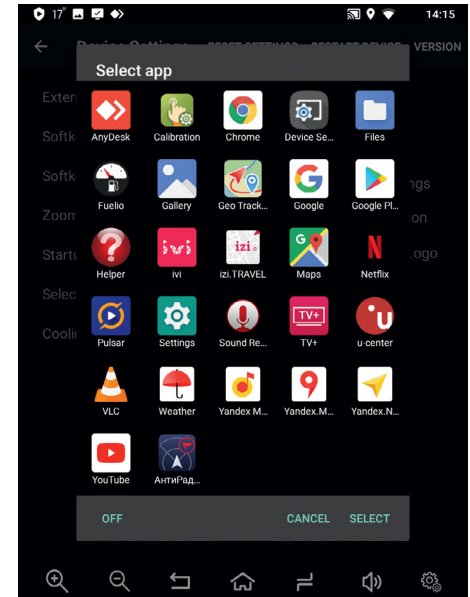
Softkey Enable – turn on / off virtual buttons panel.

SoftKey Auto Hiding – set duration (5 or 10 seconds) of virtual buttons panel visibility and turn on / off virtual buttons panel. After the set time (5 or 10 seconds) expires, virtual buttons panel becomes invisible.

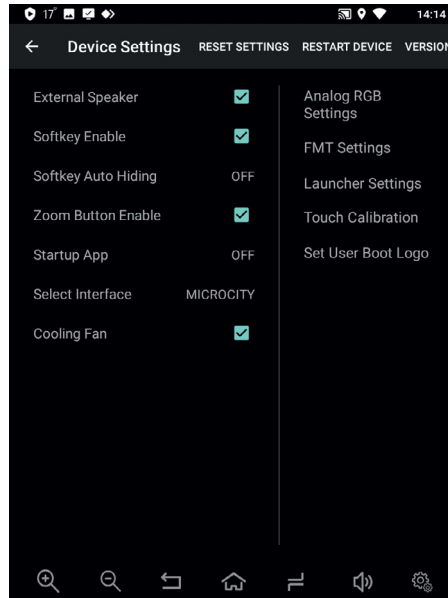
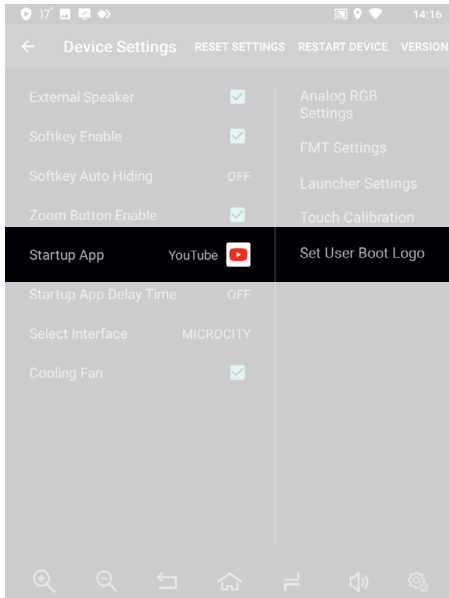
Zoom Button Enable – allows displaying zoom-in / zoom-out buttons in in map (navigation) apps or displaying selected (assigned) app shortcut buttons.

Startup App – allows selecting an app (from a drop-down list of installed apps) that is automatically launched on system start-up.

2. DEVICE SETTINGS

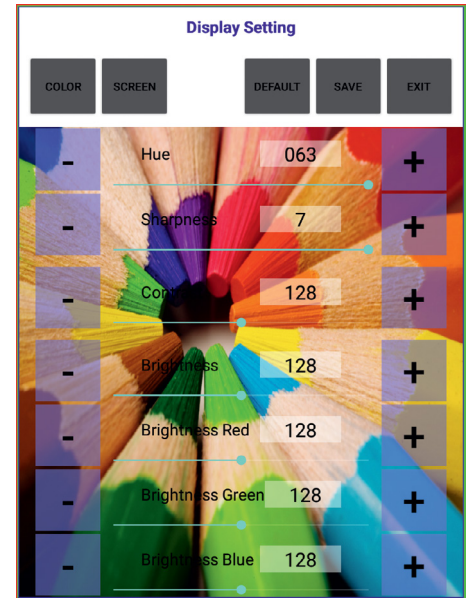


2. DEVICE SETTINGS



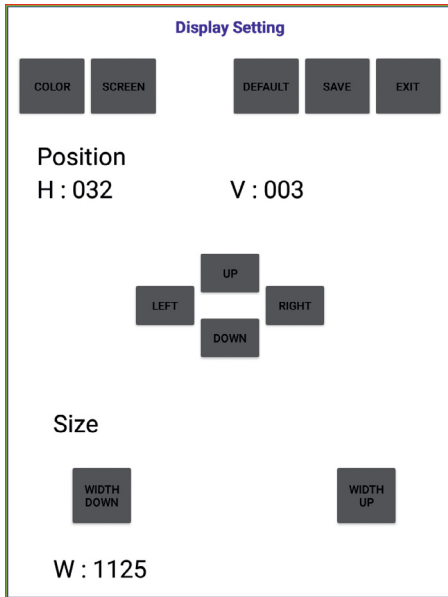
Cooling Fan – turn on / off automatic launch of AirTouch Performance unit forced air-cooling.

Digital Out Settings – allows making changes in display settings.



Tap **COLOR** button to modify display hue, sharpness, contrast, and brightness settings, as well as brightness of red, green and blue.

2. DEVICE SETTINGS



Tap **SCREEN** button to set screen position (left-right, up-down) and size.

Important!

Tap **DEFAULT** button to set default settings for [COLOR] and [SCREEN] menus.

Before exiting Digital Out Settings (EXIT button), tap **SAVE** button to save all changes.

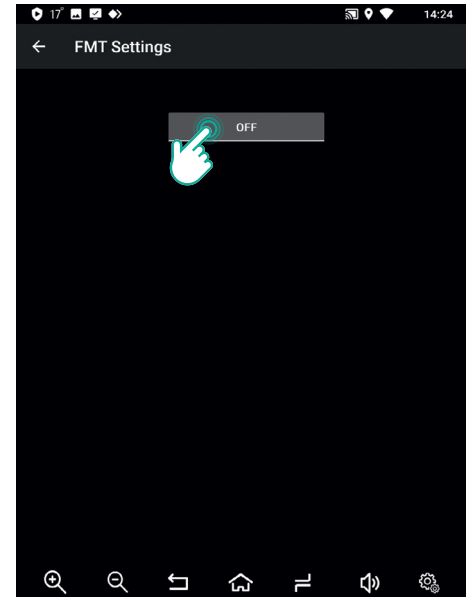
Tap **EXIT** button to exit Digital Out Settings.

FMT Settings – adjust FM Transmitter settings.

To turn FM Transmitter on, press [0] button. After power-on, button indicator status changes from [0] to [1].

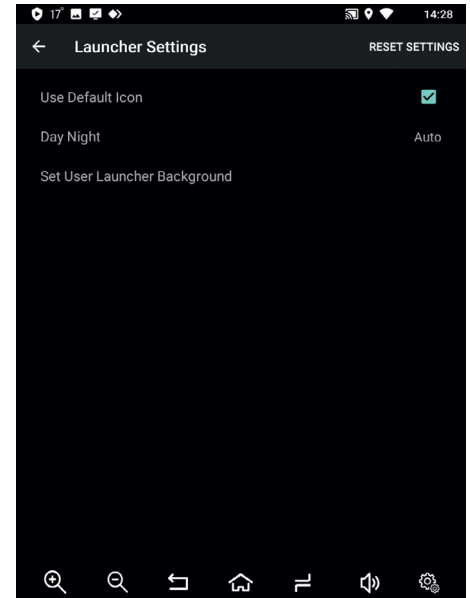
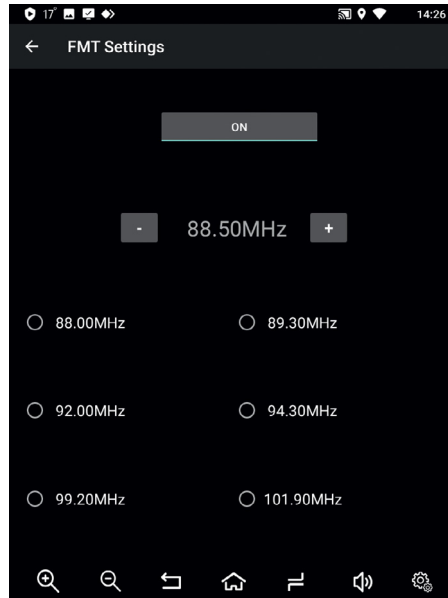
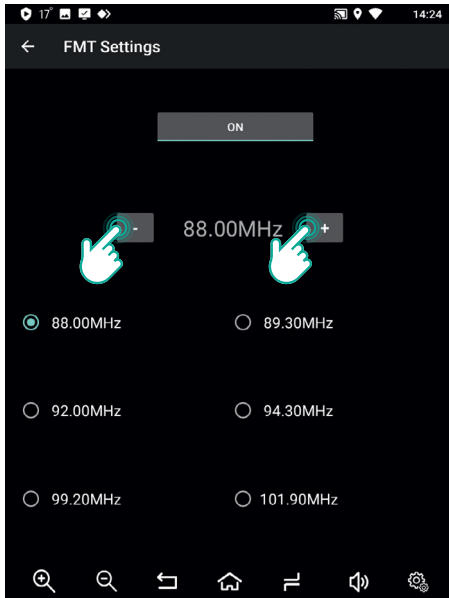
Then set your FM Transmitter to an unoccupied frequency (check the list of unoccupied frequencies for your local region) using [+] and [-] buttons and FMT Settings menu. Turn on your car's stock radio and select the same frequency that you set in FM Transmitter FMT Settings menu.

After this, sound from media content played back by AirTouch Performance is transmitted to car's stock radio via FM (Frequency Modulation).



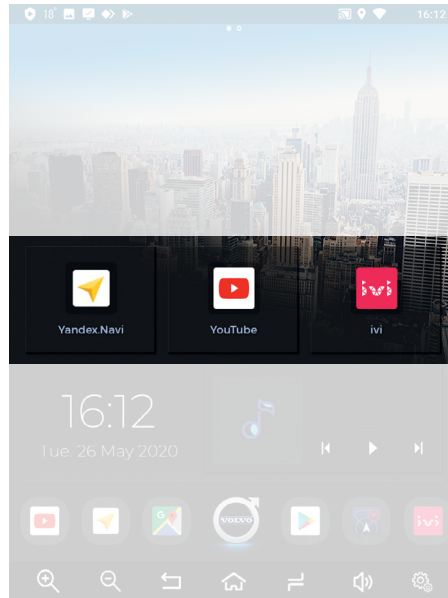
2. DEVICE SETTINGS

Launcher Settings – allows customizing the settings below.



2. DEVICE SETTINGS

Use Default Icon – activating this menu item allows using custom icons on Home Screen after assigning them to apps from the drop-down list (see p.10 in Section 1.1).

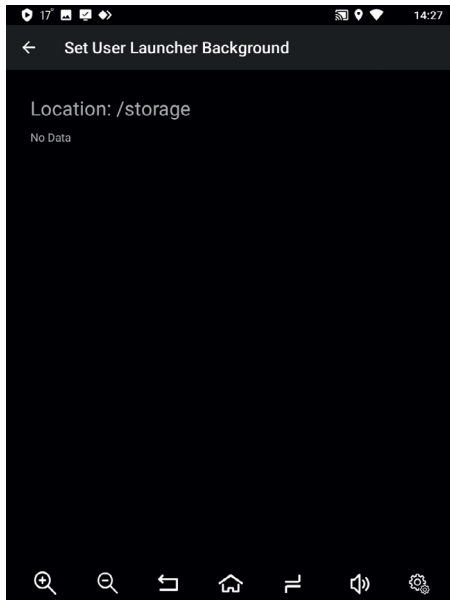


Day Night – select from Day, Night and Automatic Home Screen display modes.

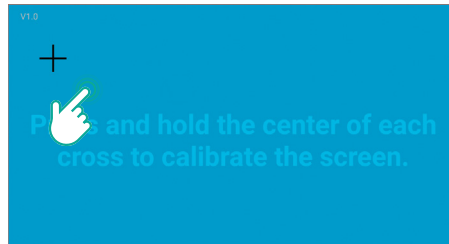
2. DEVICE SETTINGS

Set User Launcher Background

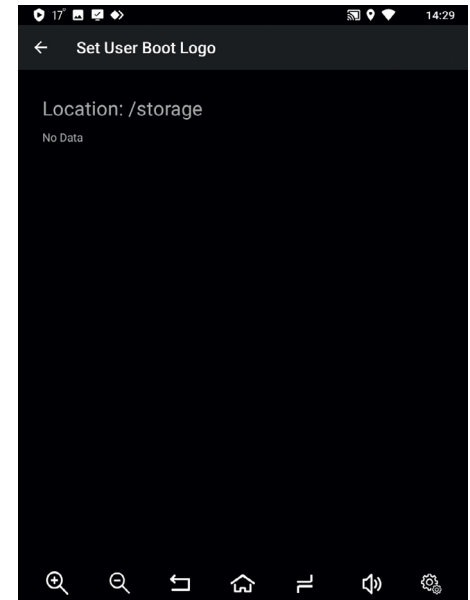
– select a background image to be displayed on the stock display during AirTouch Performance start-up. To set a background image, select a file using File Manager.




Touch Calibration – calibrate touchscreen. To calibrate touchscreen, press and hold the center of each cross, until the next cross appears. Repeat this step for each appearing cross.

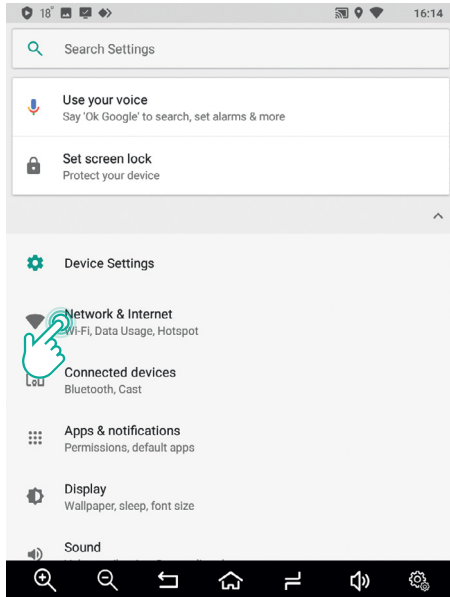


Delete User Boot Logo – delete image shown on stock screen during AirTouch Performance start-up.



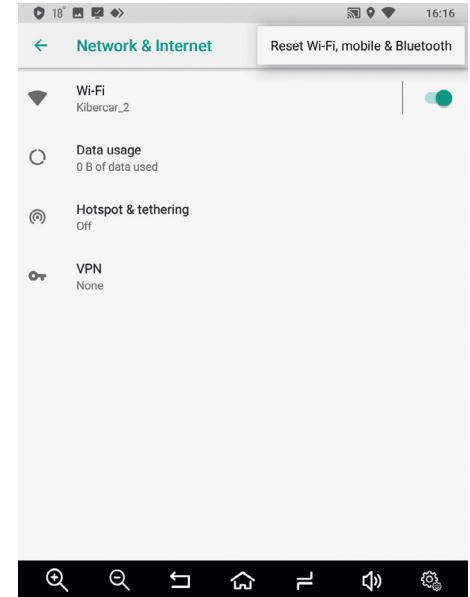
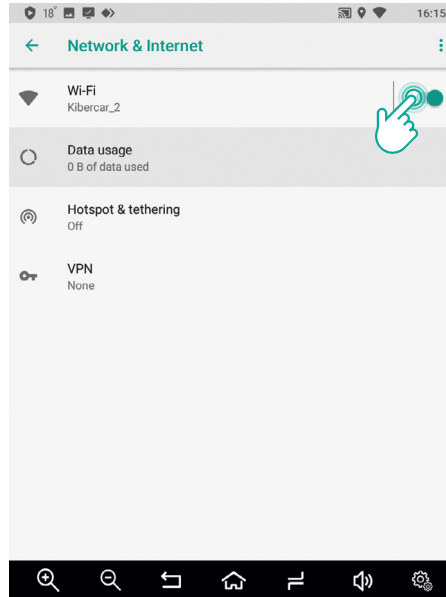
3. GOOGLE ANDROID SETTINGS

Tap  , button to enter Google Android Settings. This menu allows modification of general Google Android user settings.



3.1. Network & Internet

This item includes standard Google Android 8.1 elements, namely: Wi-Fi settings, data usage, hotspot and tethering settings, VPN settings.

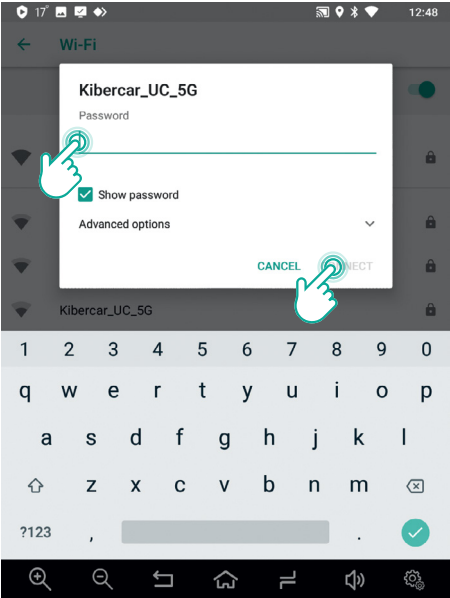
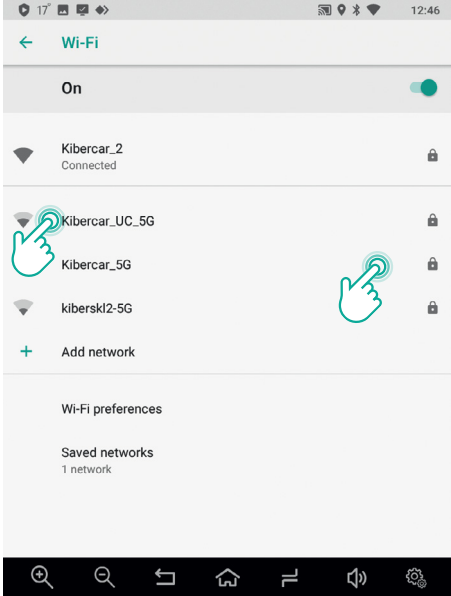



3. GOOGLE ANDROID SETTINGS

3.2. Connection to available Wi-Fi network

Wi-Fi network with password protection.

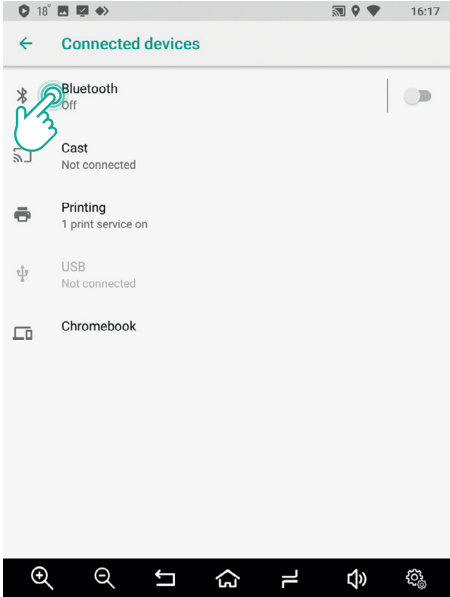
Step-by-step instructions on how to connect to available Wi-Fi network are shown in the following figures.



Please Note!
If you need to reset Wi-Fi and Internet settings, tap  button in this menu and then select Reset Wi-Fi and Network settings.

3.3. Connected Devices

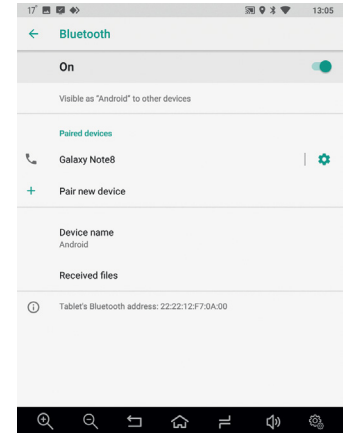
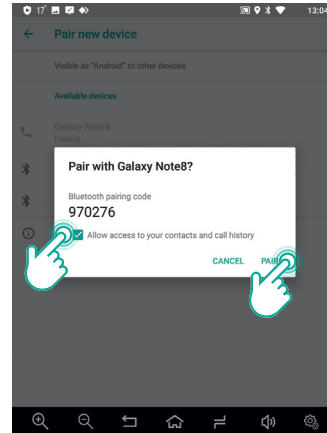
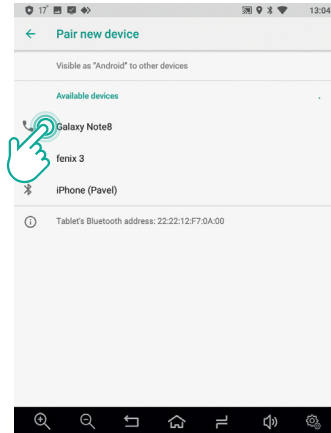
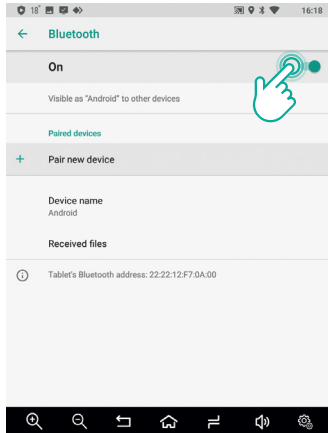
This item includes standard Google Android 8.1 elements and allows connecting to external devices.



3. GOOGLE ANDROID SETTINGS

3.4. Pairing with new Bluetooth device

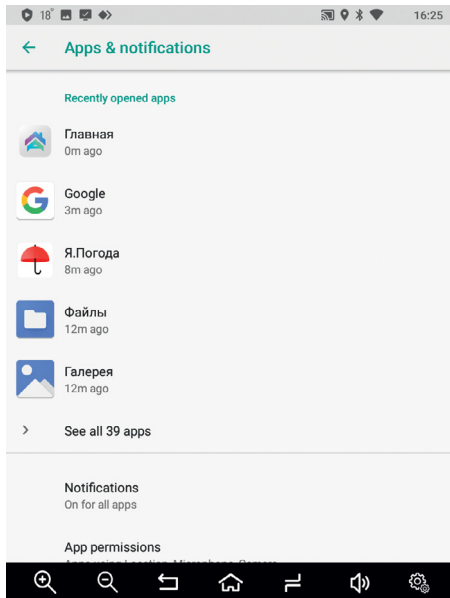
Step-by-step instructions on how to pair with a new Bluetooth device are shown in the following figures.



3. GOOGLE ANDROID SETTINGS

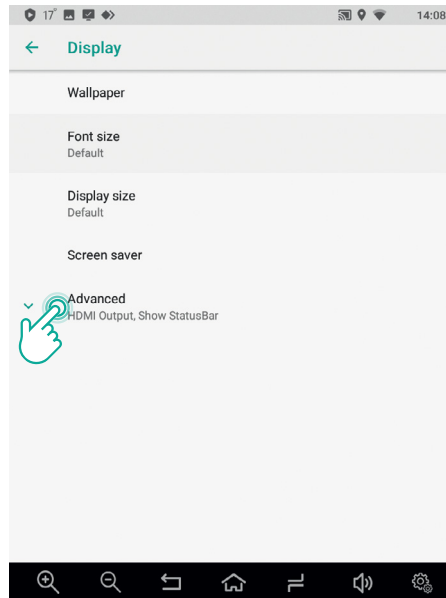
3.5. App Notifications

This item includes standard Google Android 8.1 elements shown in the following figures.

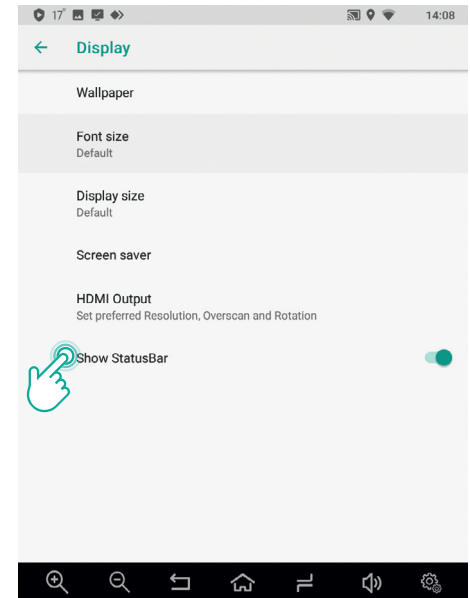


3.6. Display

This item includes standard Google Android 8.1 elements shown in the following figures.



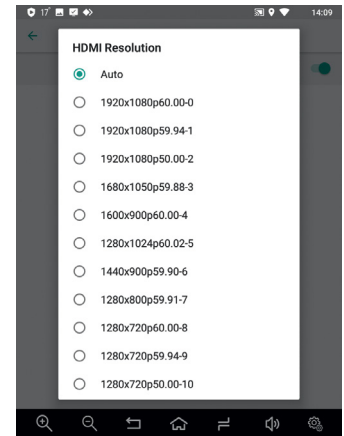
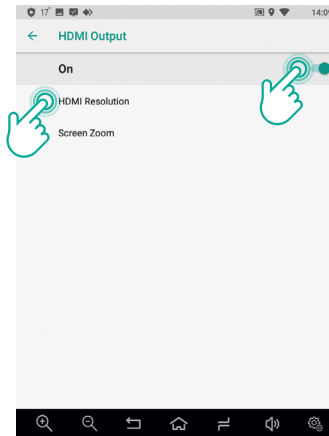
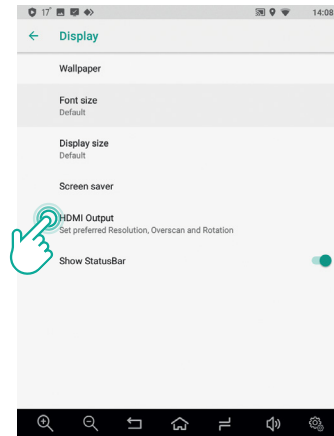
Show StatusBar – hide / show buttons in the bottom of screen and status bar in the top of screen.



3. GOOGLE ANDROID SETTINGS

HDMI Output – this menu item includes “HDMI Resolution” and “Screen Zoom”.

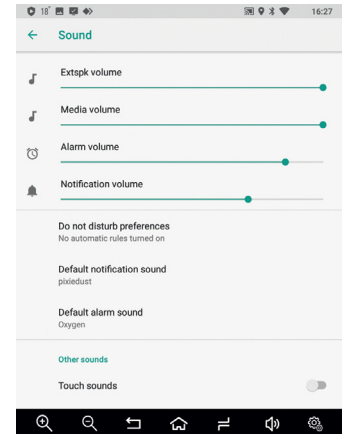
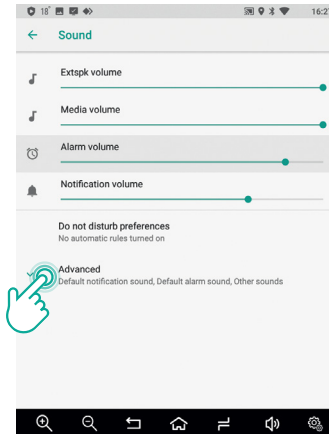
“HDMI Resolution” allows selecting resolution of HDMI.



3.7. Sound

This item includes standard Google Android 8.1 elements shown in the following figures. It allows to individually adjust volume of various sounds: “Extspk volume” (volume of voice prompts for map (navigation) apps), “Music, Video, Games”, “Alarm volume”, “Notifications”. You can also configure Do

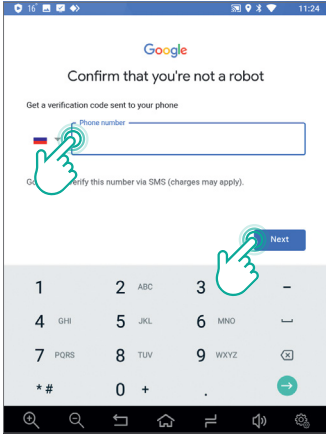
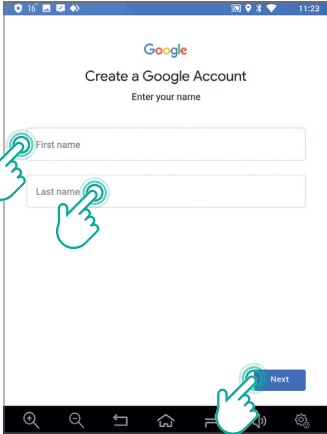
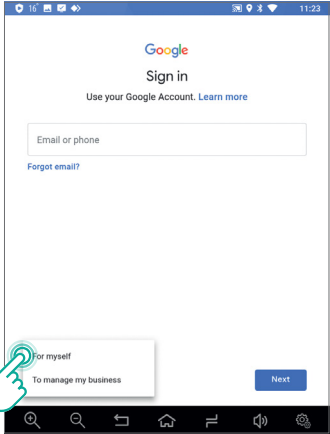
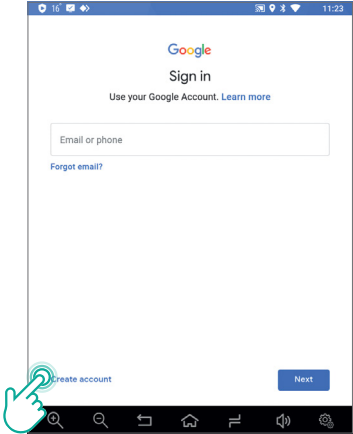
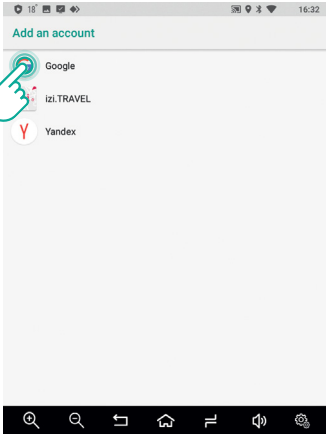
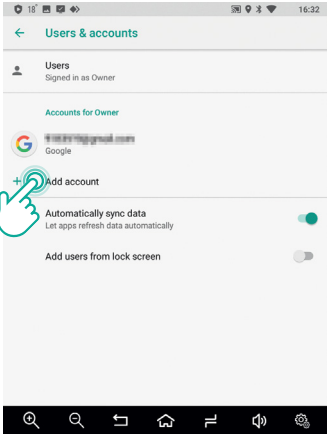
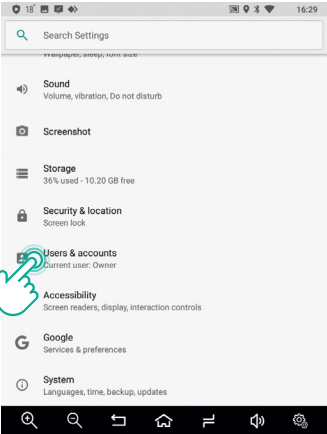
Not Disturb preferences here. The Sound menu includes items “Default Notification Sound”, “Default Alarm Sound”, “Tap sound”.



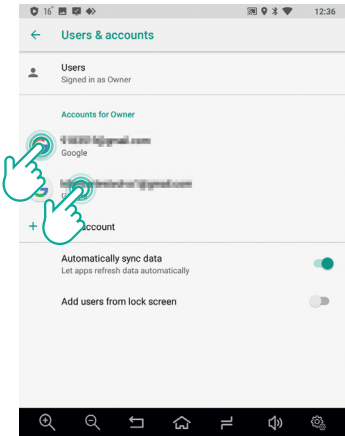
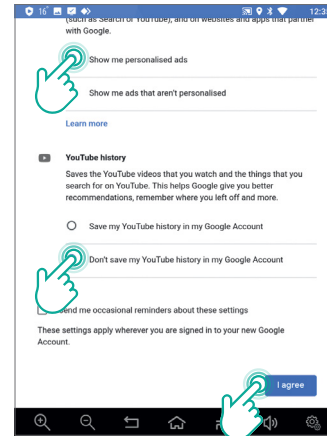
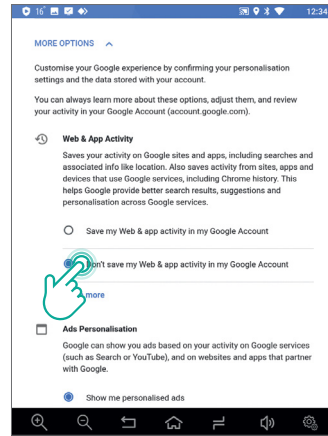
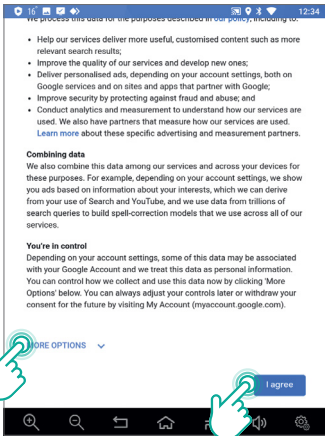
3. GOOGLE ANDROID SETTINGS

3.8. Creating New Google Account

Step-by-step instructions on how to create a new Google account are shown in the following figures.

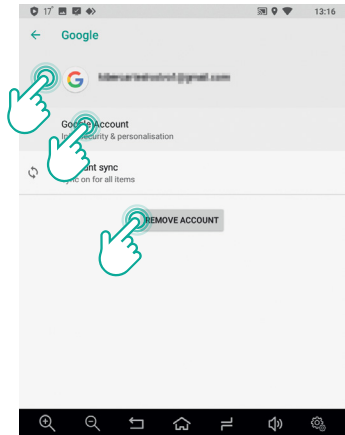
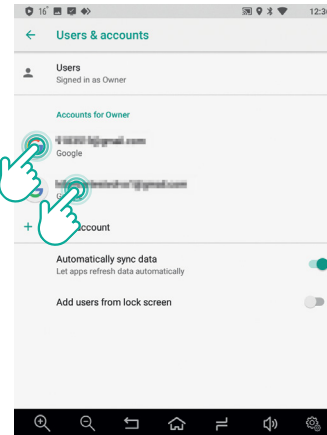
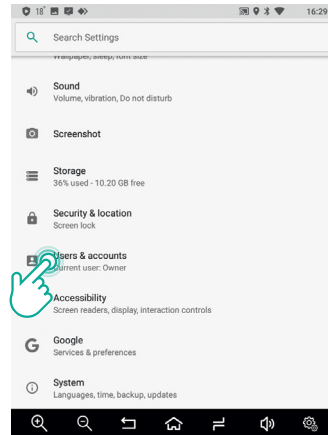


3. GOOGLE ANDROID SETTINGS




3.9. Deleting Existing Google Account

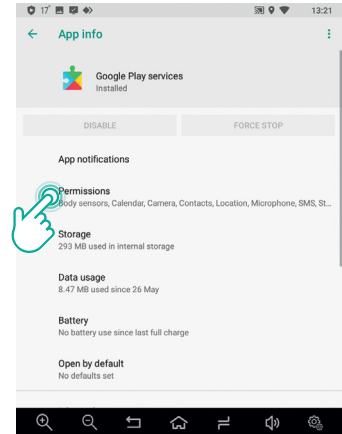
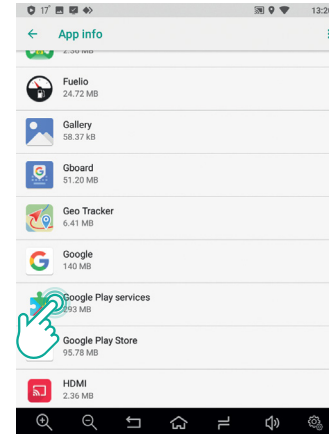
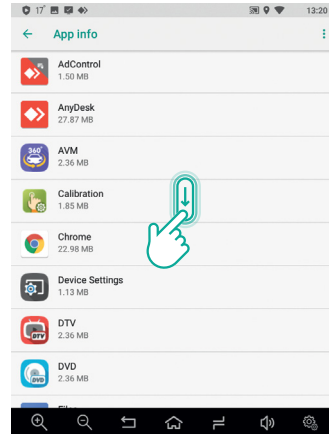
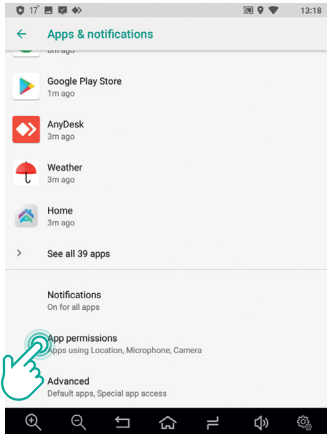
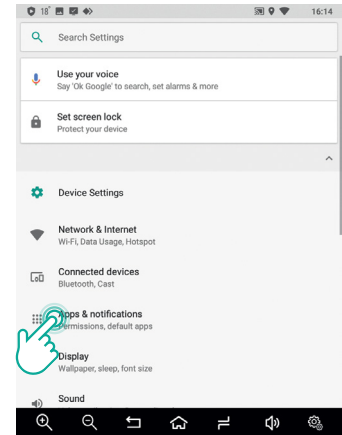
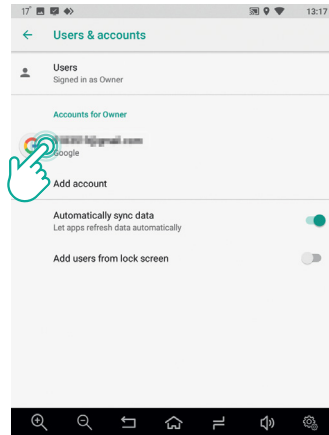
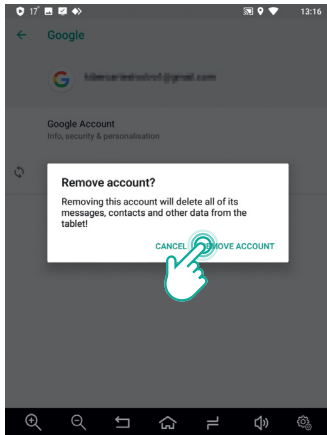
All account data will be erased!



3. GOOGLE ANDROID SETTINGS

3.10. Google Play Services Permissions

For AirTouch Performance to operate correctly, you need to set permissions to Google Play Services. Tap  button and select App Notifications. Step-by-step instructions on how to set permissions to Google Play Services are shown in the following figures.



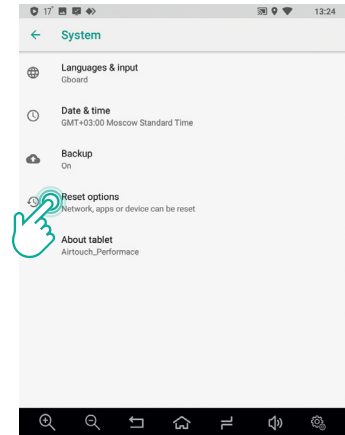
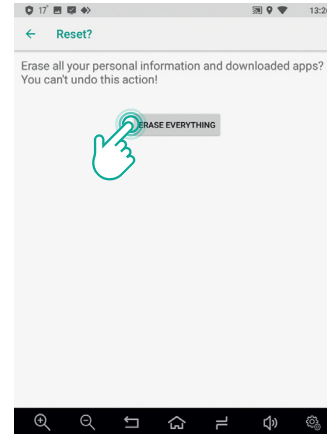
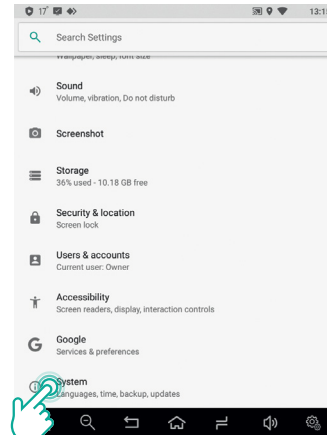
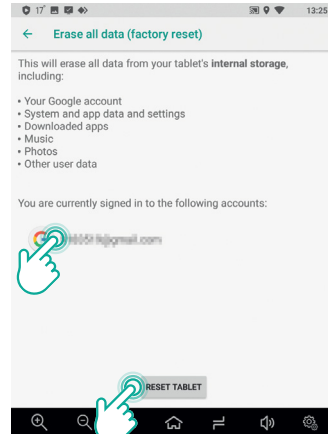
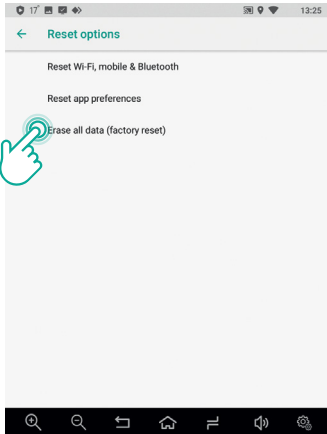
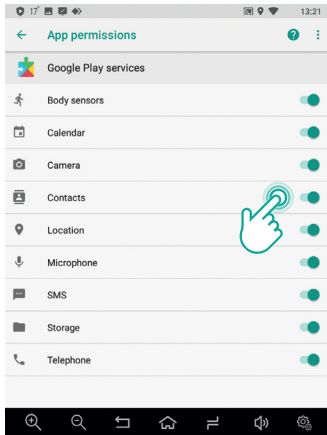
3. GOOGLE ANDROID SETTINGS

3.11. Factory Data Reset

Step-by-step instructions on how to reset the device are shown in the following figures.

Important!

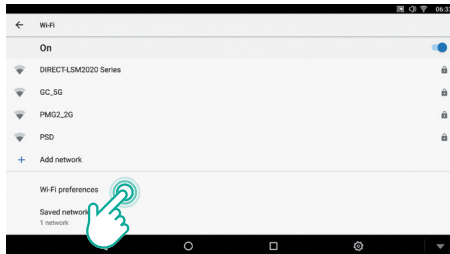
Factory Data Reset will erase ALL internal device memory data!



3. GOOGLE ANDROID SETTINGS

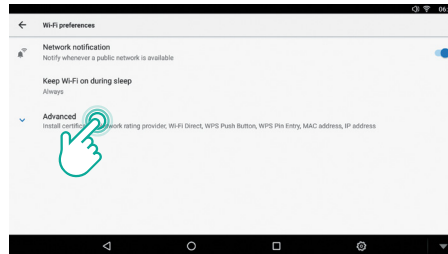
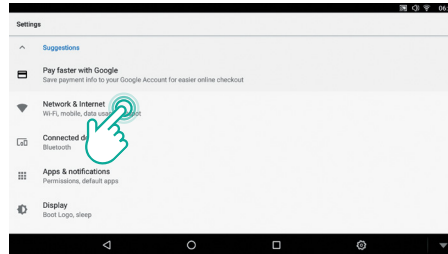
3.12. Connecting Rear Seat Displays with Wi-Fi Direct support

Firstly, you need to configure media signal receipt on the display itself.

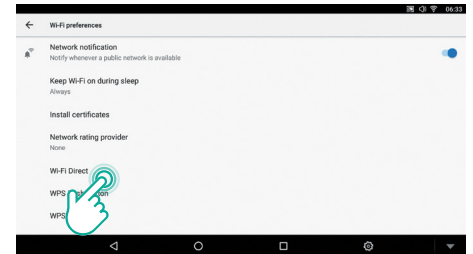
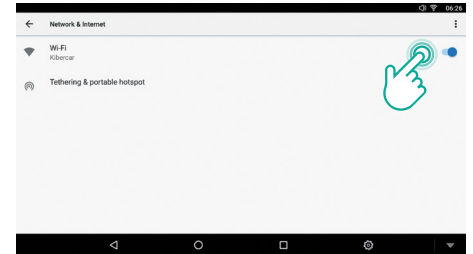


Please note!

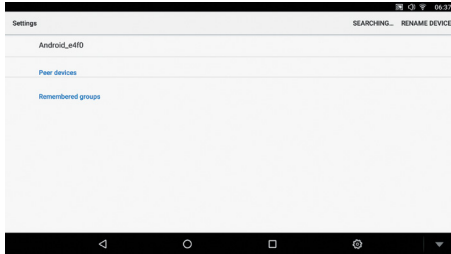
Please consult KiberCar about the list of rear seat displays with Wi-Fi Direct support.



Step-by-step instructions on how to configure media signal receipt on the display itself are shown in the following figures.



3. GOOGLE ANDROID SETTINGS

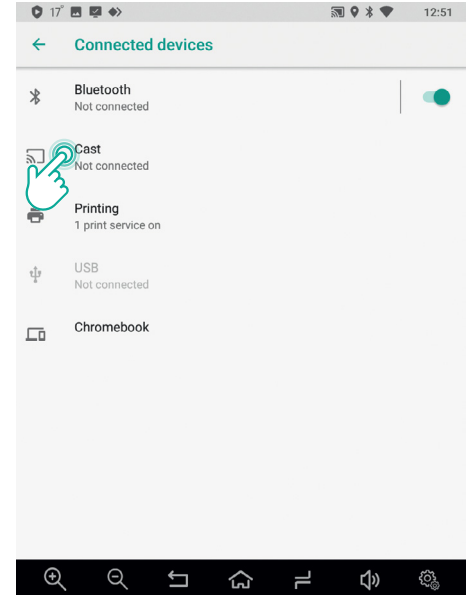
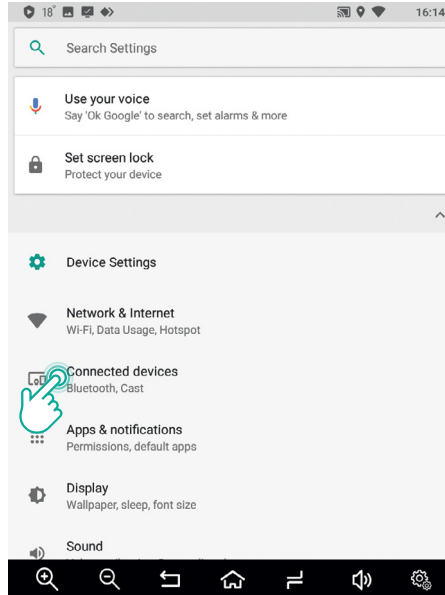


Then proceed to configure media signal transmission on AirTouch Performance.

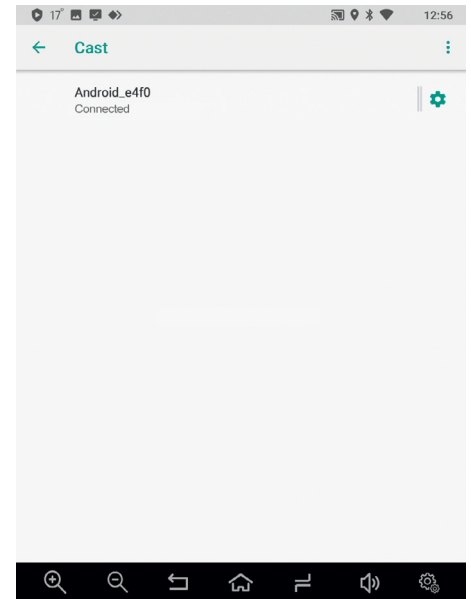
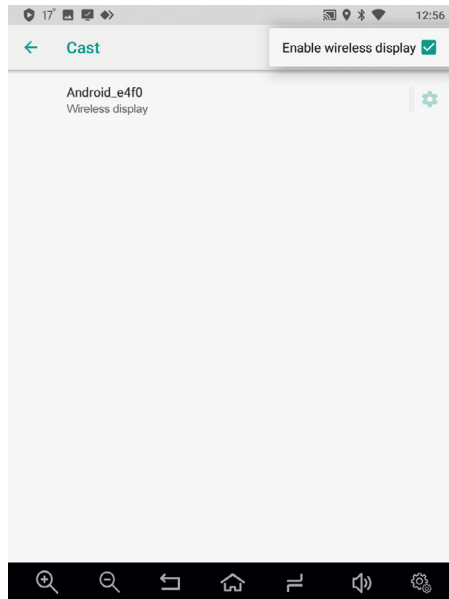
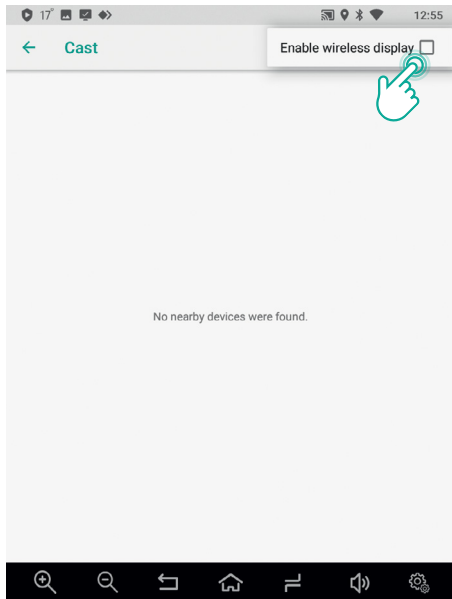
Step-by-step instructions on how to configure media signal transmission on AirTouch Performance are shown in the following figures.

If all settings on both the display and on AirTouch Performance are made correctly, the signal will be transmitted on the display.

To turn off signal transmission uncheck "Enable".

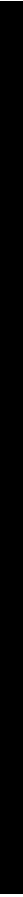


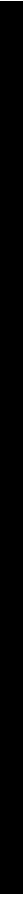
3. GOOGLE ANDROID SETTINGS



4. SPECIFICATIONS

Operating System	Six-Core 64 bit Server Class Cortex-A72 Core with 2.0 GHz, Mali-T860
Central Processing Unit & Video Codecs	Quad-Core GPU (Total Ten-Core) H.264/H.265/VP9
Memory (RAM)	2 Gb DDR3
USB 2.0	USB 2.0 High Speed Port x 1
USB 3.0	USB 3.0 x 1
Connections	2.4 GHz/5 GHz Wi-Fi (802.11a/b/g/n/ac), Bluetooth 4.1
Navigation Systems	Ublox 8 (GPS/GLONASS/BEIDOU/GALILEO/QZSS/SBAS)
HDMI Out	HDMI 2.0, 4K maximum resolution with 60Hz frame rate
Speakers	2 W
Input/Output	Microphne (voice recognition) HDMI in (1280x720) x 1 A/V in (external camera) x 2 CVBS (front камера) x 1 CVBS (rear камера) x 1 Audio L/R out x 1 LVDS in to connect to vehicle stock system x 1 LVDS out x 1
Power	12-24 V (DC). Maximum power consumption 12 W
Temperature	Storage: -20... +80°C; operation: -15... +70°C





AirTouch Performance 8 Navigation System for Volvo vehicles
Based on Android 8.1/9996152/CC-VI-NAVI-VOLVO-8

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