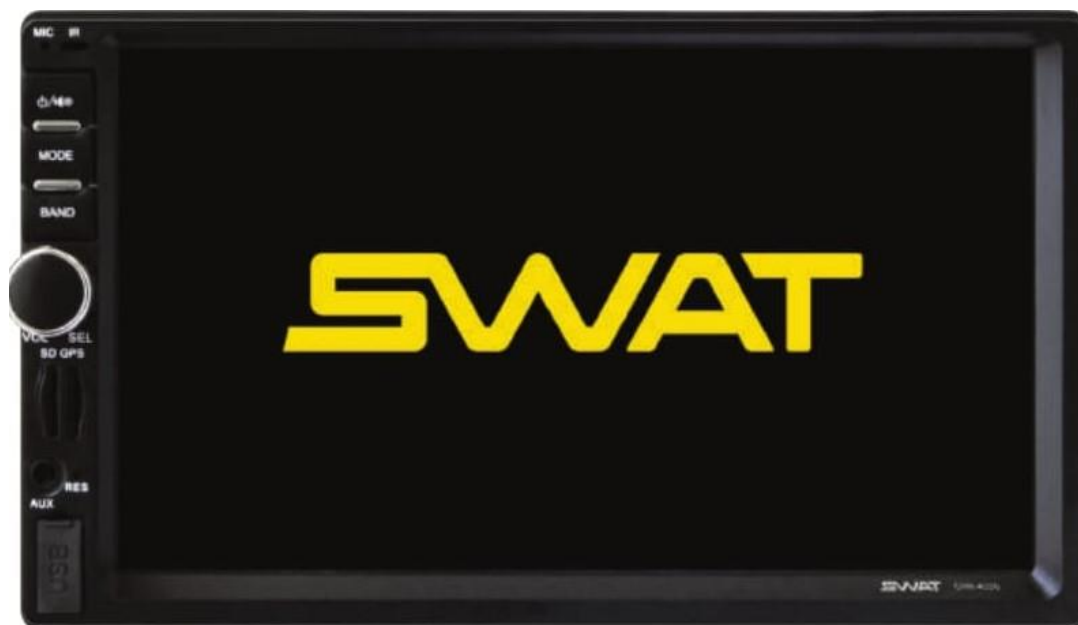


USER MANUAL



Multimedia system

SNR-D220



GPS



RADIO



MP3



FLAC



BLUETOOTH

Safety precautions

Please read this guide to secure the safety use of this product. This instruction manual may change without a notification, because of technical improvements.

Pay special attention to the following safety precautions:

The driver is prohibited from using the video player while driving.

A fuse in the device is applied to ensure safety.

Do not damage the wires of the device, this may cause a short circuit.

Do not use the device in elevated humidity. You can install the device in vehicles of 12V on-board electric power supply.

If you are replacing a battery, disable the device because there can be a voltage drop in mains when you connect a new battery.

For security purposes, use only the professional installation of the device. Disconnect the battery when you install and connect the device.

The navigation antenna must be securely fixed. The used battery must be disposed. Follow the established recycling rules of the place where you live.

To avoid problems (possible breakage of the device or injury) during the operation of the device follow these instructions.

- ✦ Always keep this manual with you.
- ✦ Do not entrust to anybody with the operation of the device without prior knowledge of the instruction manual.
- ✦ If a foreign object or a fluid gets inside the device, turn off the power immediately to prevent it from malfunctioning or from getting an electric shock.
- ✦ If there are interruptions, noises, or any other signs of abnormal work while the device is running, immediately turn off the power and consult on it with the authorized service center. Do not turn the device on because it can result in a more significant malfunction, as well as the failure of other vehicle electrical systems.
- ✦ There are no parts inside the device that require operation by user. Please do not open the device.
- ✦ Do not try to repair the device yourself if you do not have sufficient knowledge and skills to work with automotive electronics.
- ✦ To avoid damage to the LCD panel of the device and to avoid injuries, follow these instructions.
- ✦ Do not drop the device or expose it to vibration or shock. This may result in damage to the LCD display and/or the backlight.

- ✦ In the event of a breakage of the LCD display, avoid any physical contact with the broken glass or the fluid leaking from the device. In case of such contact, bathe the area of the skin on which the fluid has been fallen with a large amount of water. Then immediately seek medical care.
- ✦ Do not press on the display too much – this may damage it. Do not touch the damaged LCD display.
- ✦ For an uninterrupted operation of the device, use only the discs listed in the "Basic functions", do not use DVDs with a region number that are not supported by this device.

The device uses modern, high-quality electronic components. Quality assembly with a tight control system will ensure long and uninterrupted using with a high-performance device. Many maintenance actions are required during device operation.

- ✦ The service life of the remote control (remote) battery is about 6 months. For properly working of the remote control, the batteries should be changed regularly.
- ✦ To clean the display from dust and fingerprints, use a soft cloth designed to clean the lens. Never use solvents, abrasive and chemical detergents, they can severely damage the display surface.
- ✦ At low temperatures, the display begins to work with a short delay.
- ✦ When the direct sunlight hits the display, the image becomes difficult to see.
- ✦ In rainy weather or in winter, when driving in a warm garage, in disk storage can condense moisture, resulting in a malfunction. You should eject the disk and wait for a while to dry the moisture.

Introduction

Thank you for choosing our product. For correct and complete use, please read this manual.

To improve the consumer characteristics of this product, we reserve the right to make changes in its design without prior notification

All illustrations of this manual are of a reference nature and may differ from the original product.

Characteristics

- Multimedia head unit;
- Bluetooth;
- GPS navigation;
- High-resolution screen and 24-bit colour;
- Integrated AM radio tuner;
- SD, USB, 32GB;
- 50Wx4 output power;
- AUX;
- Car rear view camera input;
- Remote control;
- Power-saving function;
- User-friendly and functional head unit with an intelligible interface and simple control;
- Input for connecting the steering wheel buttons.

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Introduction

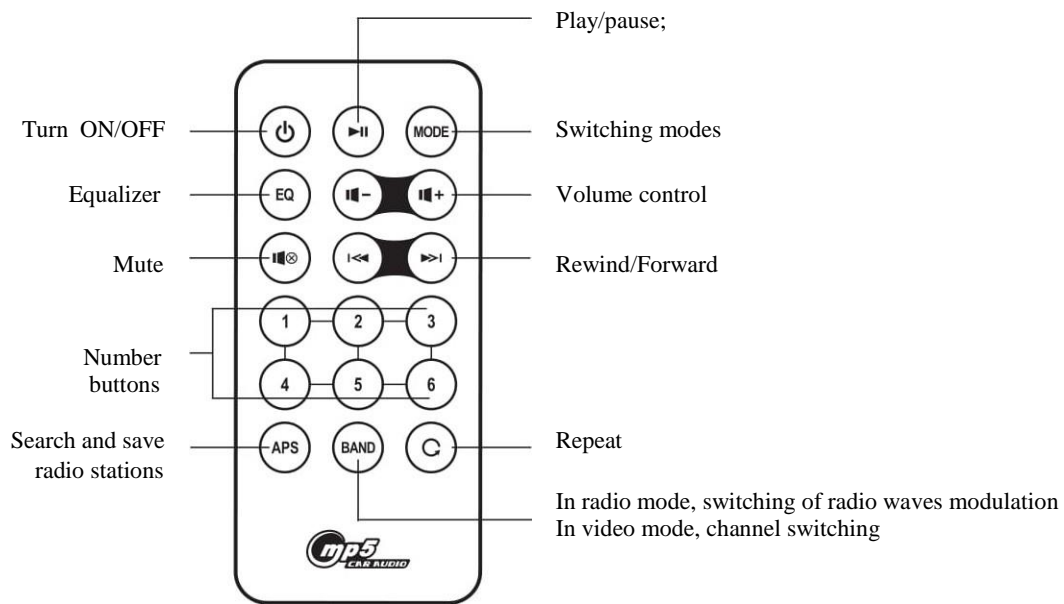
Control



1. Microphone;
2. IR remote control sensor;
3. Short press: on/off,
Long press: mute;
4. Short press: switching modes/MODE,
Long press: turn on navigation
5. Switching a modulation of radio waves (switching the ranges)
6. Adjusting the volume, when pressed, switches to the audio setting mode;
7. Media SD slot;
8. GPS slot for navigation programs;
9. RESET;
10. Input port for external audio devices;
11. USB for multimedia.

Remote control

Remote control

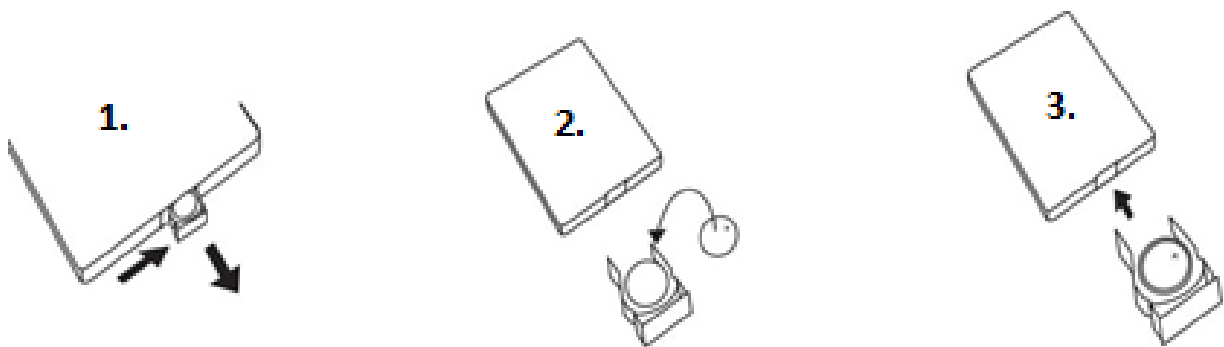


* Warning! Before using the remote control, remove the insulating film from the battery compartment.

Battery replacement

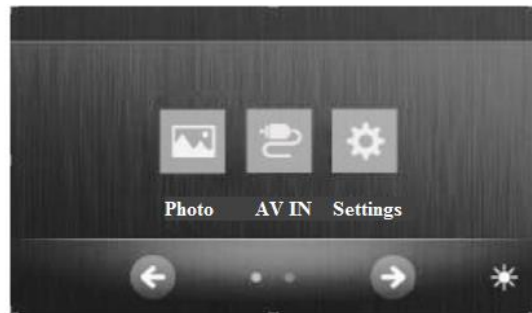
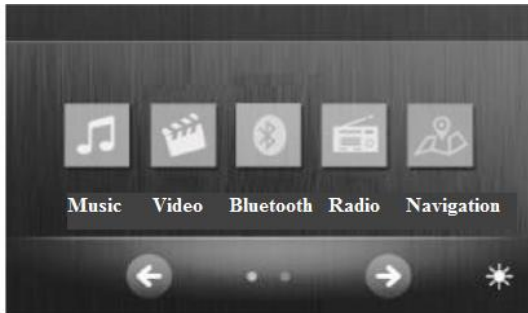
Replace the battery if it is discharged (the remote control only works at the closest distance or does not work at all). Observe the correct polarity when inserting the battery in the remote control.

1. To remove the battery, lightly press the frame and pull it out.
2. Insert a new battery.
3. Set a frame with battery in the remote.



Device control

Interface



The main menu contains icons with basic functions.

* Warning! The music, photo, and video functions will not be available unless you have installed a multimedia SD card or USB media.

GPS navigation

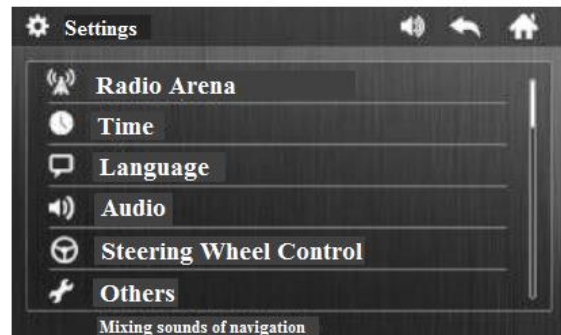
From the main menu, click on the GPS icon to start the navigation program.

Warning: install SD card with a navigation card in the device. If the navigation program is started for the first time, perform the following procedure: click on the GPS icon, and then set the path to the navigation program, confirm by clicking on Complete.

The navigation mode can be started or minimized by long pressing MODE.

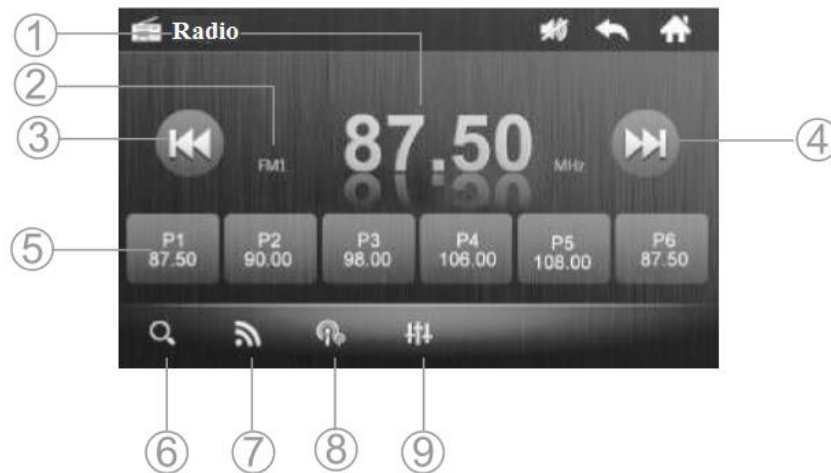
In the settings, select Navimix (below), and press On. This mode combines radio or music with voice navigation. If you press Off, only the voice navigation will work.



Warning: for stable operation of the navigation program, do not install or extract the SD card with navigation files while the navigation program is running.




Radio

Click on "Radio" in the main menu




1. Display the figure of the radio station currently running;
2. Display the modulation of radio waves;
3. Make a short click on the  icon to automatically search for radio stations in the direction of decreasing the figure of the radio frequency. If you press it a long time, the radio stations will be set up accurately.
4. Make a short click on the  icon to automatically search the radio stations in the direction of increasing the figure of the radio frequency. If you press it a long time, the radio stations will be set up accurately.
5. Saving of radio stations. Make a short click on a rectangle (6 total) to keep the current radio station in it. Then, make a long click to save.
6. AS/PS function is for automatic scanning of radio stations.
7. Click this icon to switch modulation of radio waves.
8. Switching LOC/ DX.
9. Audio Settings


Radio

Select the FM broadcast band. Click on the  in the main menu or on the BAND on the remote control to switch between the three FM bands.

- Semi-automatic radio station search.

Make a short click on the  icon to automatically search for radio stations in the direction of decreasing the figure of the radio frequency. If you press it a long time, the radio stations will be set up accurately.

- Automatic radio station search.

Click on the icon  to start the automatic search for radio stations with a steady signal and then save it (the figure of the radio station will be displayed in one of the 6 rectangles). After saving the searched radio stations, each radio station would be broadcast for a period of 3 seconds.


- Click on a rectangle with the saved radio station to turn on the radio broadcast of this radio station.
- Saving a radio stations of choice. To save a radio station, you must find it first so that the radio frequency is shown on the display, then make a long click (3s) on a rectangle. The new radio station will be saved as a replacement of the previously saved.

USB, SD

Install USB/SD with video, music, or photos to the head unit. Playback or slideshow starts automatically.

In the main menu or from the remote control, you can switch the "Music", "Photo", "Video" functions.



1. Previous (track)
2. Play! Pause
3. Next (track)
4. Repeat
5. Playback using random file selection
6. Audio Settings
7. Switching video from the screen to the secondary monitor.
Click on the  icon to return to the previous mode
8. Switching channels
9. Play MP3
10. Play video
11. Slideshow
12. Files on USB/SD



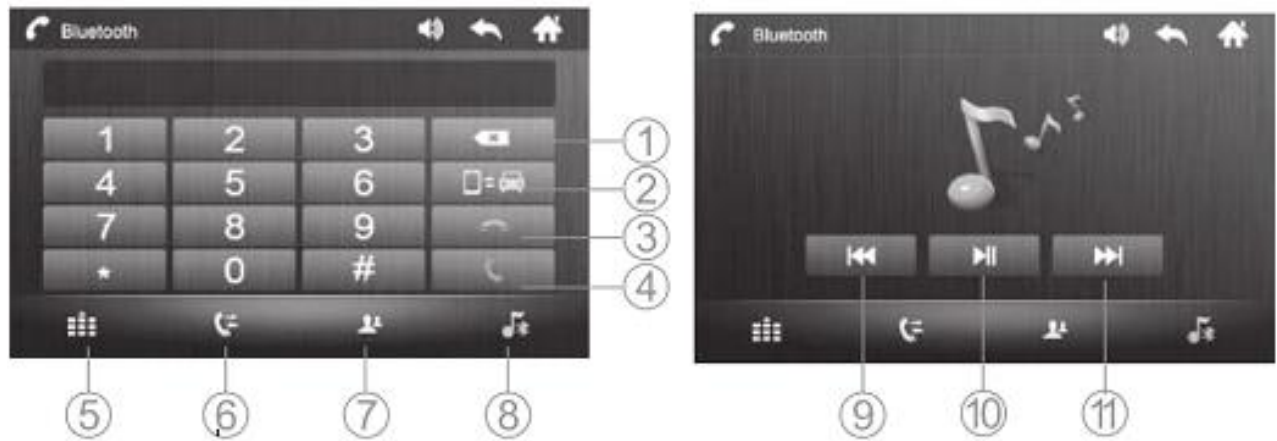
Bluetooth

Using the function of Bluetooth, is possible to connect a mobile phone to the head unit and use all its functions.

Warning: to listen to music from a mobile phone, the phone must support a Bluetooth A2DP profile.

If the Bluetooth connection with the mobile phone is already set, the incoming call will automatically switch the head unit to the mobile phone, regardless of the application that is currently running.

To make an outgoing phone call from the head unit, click on the Bluetooth icon in the main menu to display the mobile phone interface.








- 1.Delete
- 2.To switch the speakerphone from the mobile to the head unit
3. End a phone call
- 4.Phone call
- 5.Phone number dialling
- 6.Phone call list
- 7.Contact list
8. Bluetooth music
9. Previous (track)
10. Play! Pause
11. Next (track)



Connection of a mobile device

Set the Bluetooth search on the mobile phone for Bluetooth connection to the head unit. Then, in the mobile phone, select CAR-BT and dial the 0000 code to connect. Bluetooth will be connected.

Phone call

For a phone call, click on the Bluetooth icon on the head unit or use the remote control. In the interface that is displayed, you can dial a phone number and erase an incorrect one . For a phone call, click on the . To end phone call, click on the . You can switch the speakerphone from your mobile phone to the head unit pressing the  = .

Answer a phone call

The incoming call will automatically switch the head unit to the mobile phone in speakerphone mode, regardless of the currently running application (if voice mail is not turned on). Click on the  to answer the phone and on the  to end the call.

Play music from your mobile phone

Music can be played using the Bluetooth interface of the head unit or using the mobile phone itself.

AUX

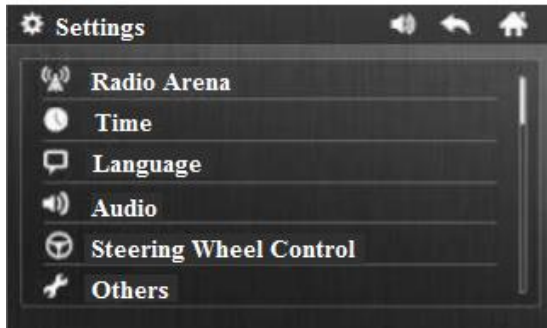
Click on the AV IN in the main menu or on the head unit. Connection will be activated via AUX external device, such as a game console, a navigation device, and so on.



Settings

Settings! Settings

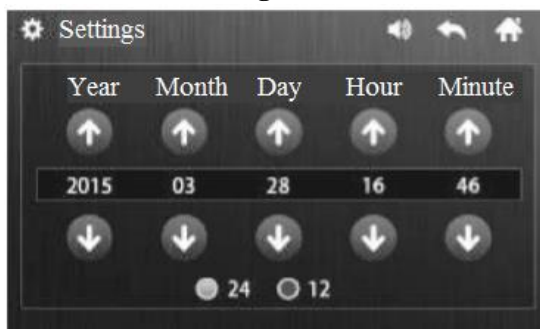
Click on the "Settings" in the main menu, a list of settings will be opened: Radio reception zones, audio settings, time settings, language selection for the interface, and so on.



Radio reception zones



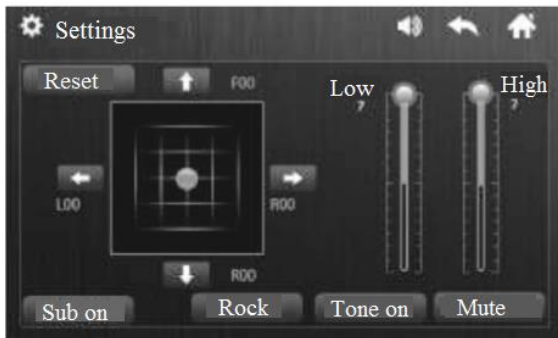
Date and time settings



Language selection for the interface

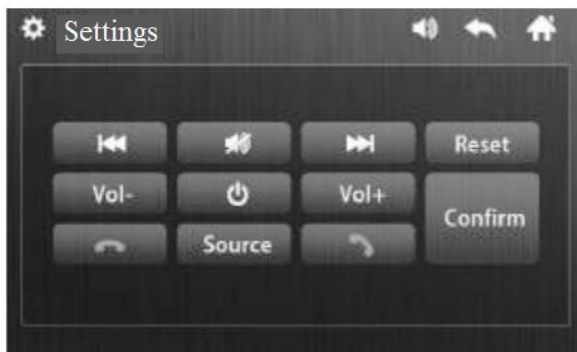


Audio settings



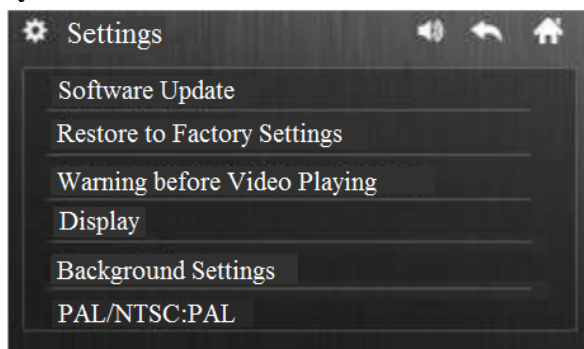
"Reset" reset audio settings, "Sub on/off" turn on/turn off the subwoofer, "Classic/Pop/Rock/User" music presets, "Tone" sounds when buttons are pressed, "Loud on/off" means loudness on/off. The sound balance in the car's cabin. Adjustment of low/"Low", high/"High" frequencies.

Control the head unit with the buttons on the steering wheel



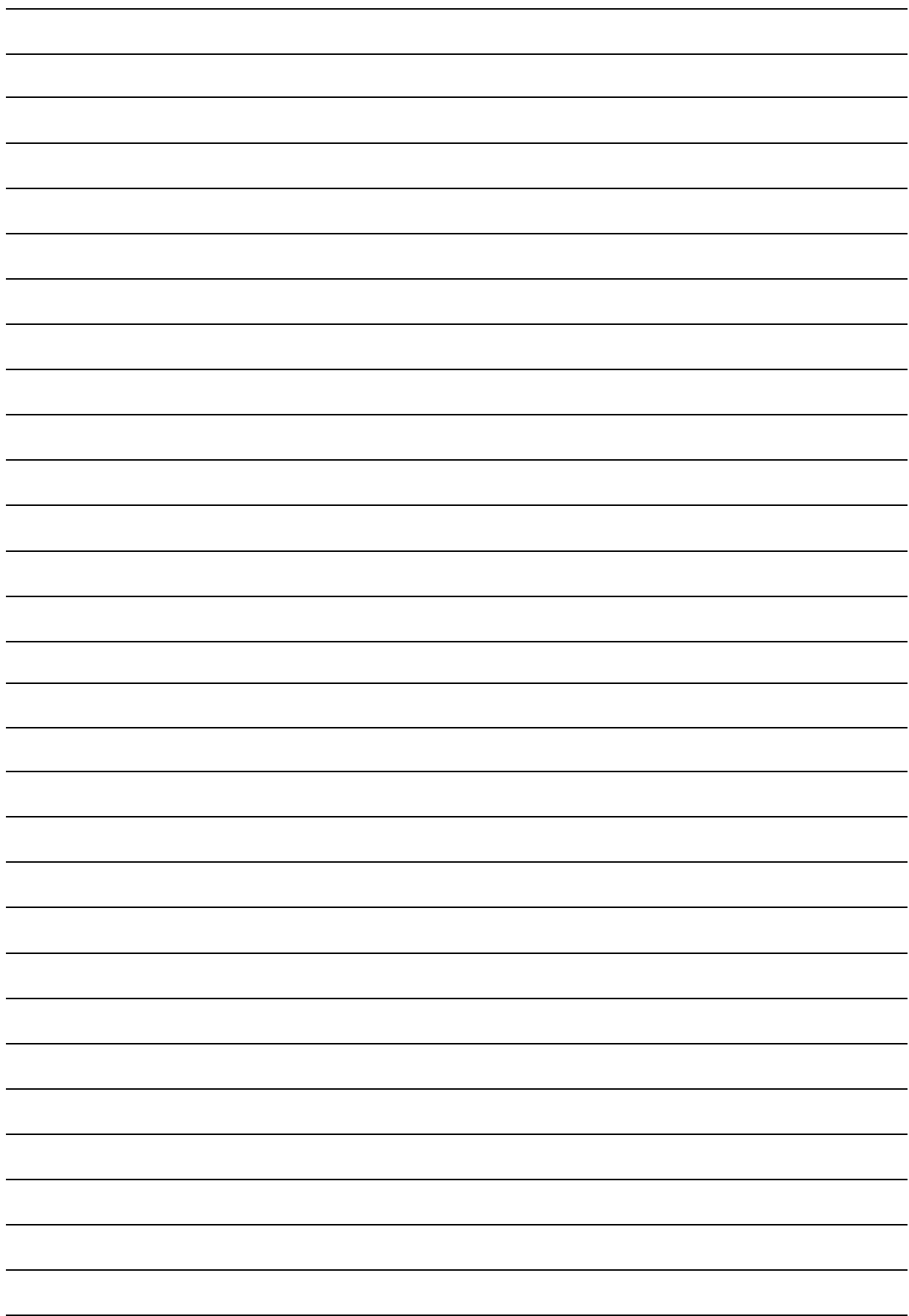
Learning logic: 1. Delete the recorded values (if there are any) using the button RESET. 2. Click on the button on the display, and then click on the appropriate button on the steering wheel. If a function is successfully assigned to a button on the steering wheel, the button on the display is illuminated. 3. To save the functions of the buttons, press CONFIRM.

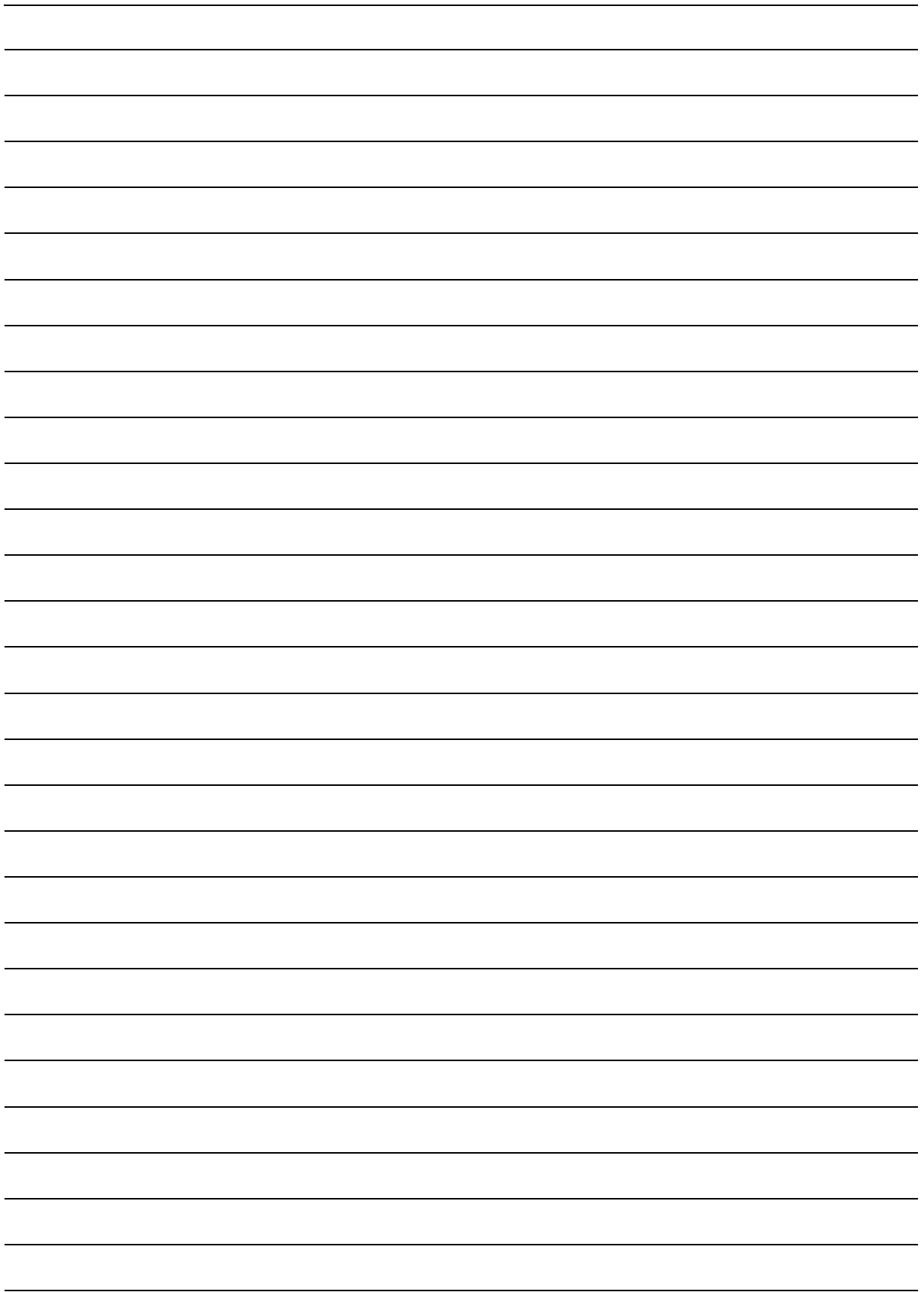
System Information

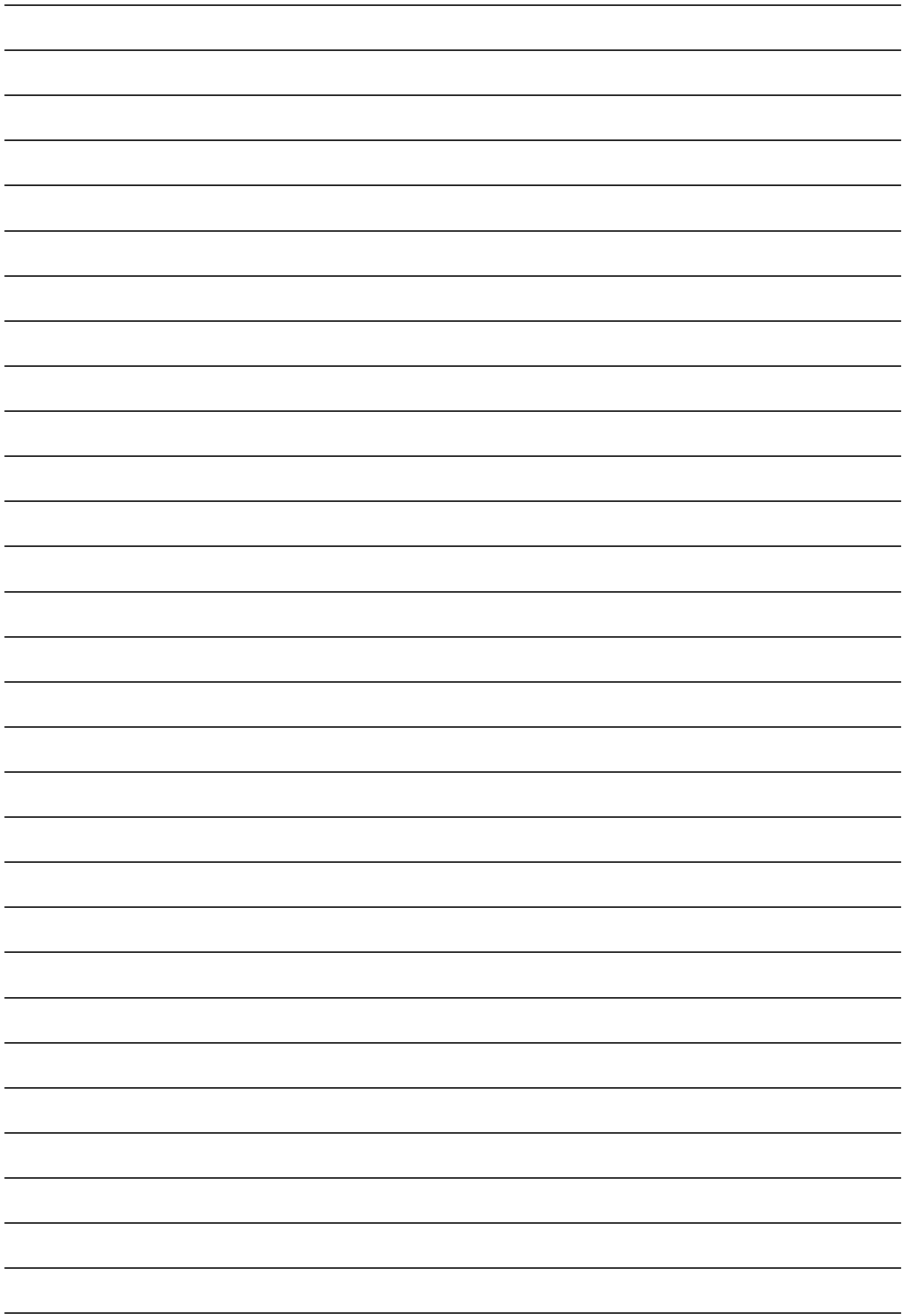


Troubleshooting tips

Problem	Reasons	Remedies
Device does not work	The fuses are blown, the battery is low. It is an automatic overvoltage or overload protection.	Replace the fuses. Check the on-board power supply voltage. Restart device with the button RESET.
The remote control does not work	The battery of the remote control is empty. The battery is not inserted correctly in the remote control	Replace the battery. Insert the battery correctly in the remote control
Low sound level or no sound	No contact or bad speaker contact. The volume level is set to low. The speaker is out of order. The audio balance is not set up correctly. Poor earthing	Check the terminals. Increase the sound level. Replace the failed speaker. Set up an audio balance. Check the earthing and insulation of the terminals
Poor sound quality. Sound distortion	Speaker impedance does not match the network parameters. Open circuit	Check that the speakers match the network parameters. Check your speaker connection
When the head unit is turned off it reboots	Connection ACC and B+ is incorrect	Check the connection ACC and B+
There is no automatic opening of interface windows	In system settings, the automatic opening option of interface windows is off	Turn on the automatic opening option of interface windows
No image available	The parking brake wire is not connected properly. The parking brake of vehicle is not applied in parking	Check the connection reliability of the parking brake wire. Apply parking brake of vehicle in parking
Unstable video image (from external device)	Incomplete connector connection when connecting an external device	Check the connection reliability of the external device connector
Stretched or compressed image	Image aspect ratio is not properly set	Set the correct aspect ratio of the image
Weak radio signal	Antenna is improperly installed, antenna connection is poorly connected. The antenna blocking option is turn on in the system settings.	Reinstall the antenna for assured reception and check the reliability of the connection. Turn off the lock in the system settings
Cannot read SD card (which is readable on PC)	Not all brands of SD cards can be read by the device. MMC cards are not readable by the device.	The device system allows you to use SD cards from the following brands: SanDisk, kingMAX, kingston. Panasonic, Apacer, etc.







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