![sunlighten LIGHT FOR LIFE®]

Kansas City 100

Operating instructions

Panel Introduction
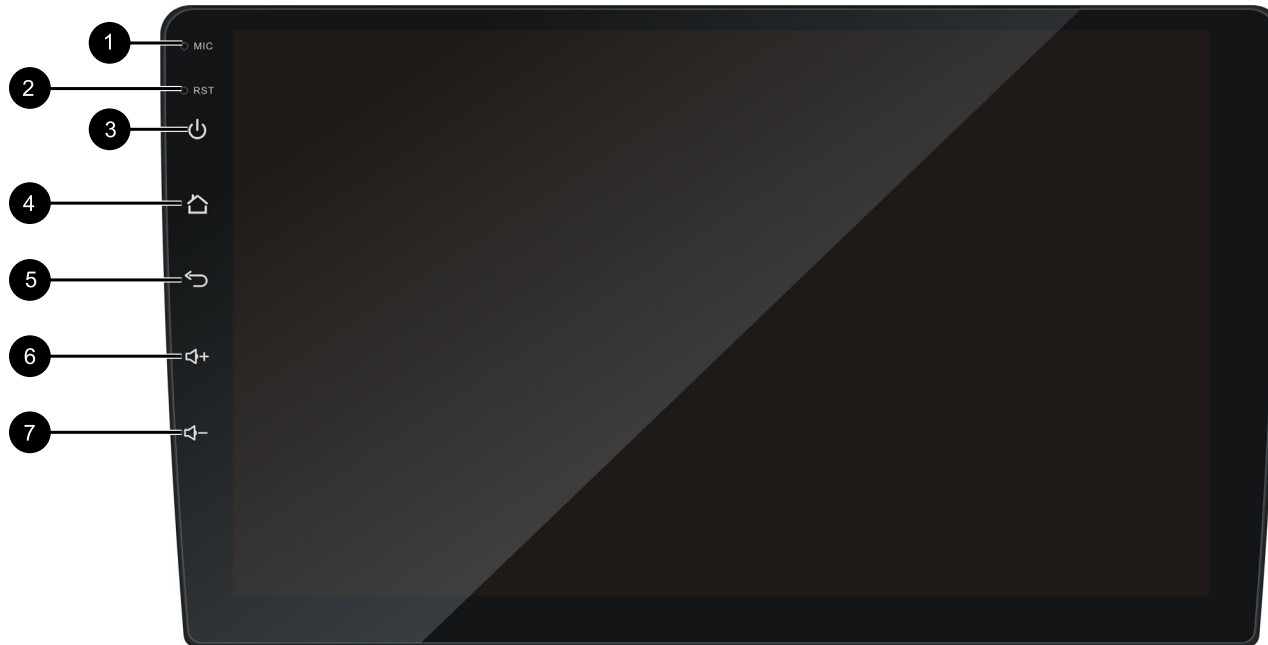
1 Microphone

2 Reset button
Restore to default factory settings of the device.
Caution, All personal setting will be lost!

3 POWER/MUTE button
Short press: Turn ON device; In operation: Mute audio source;
Long press: Turn OFF device

4 HOME button
Short press: Go to source menu
Long press: Open Apps in background

5 BACK button
Press to return to previous menu

6 Press this button to increase audio volume

7 Press this button to decrease audio volume

Contents

Safety notes

The audio system was manufactured according to recommended and established safety guidelines in a state of the art facility. Even so, dangers may occur if you do not observe the safety notes in the instruction manual.

These instructions are intended to familiarise you with important functions.

- For best results, please read the user manual carefully and completely before using the audio system.
- Always keep the user manual accessible to all users.
- Always handover the audio system to any third party along with these instructions.
- In addition, observe the instructions of the devices used in combination with this audio system.

General Warning

To avoid any injury or damage to yourself and others, please make sure to do as following. Observe the following note to protect yourself against injuries:

- **Do not modify or open the device.** Do not do any unauthorised modification to the device. In case you need any assistance, please visit the nearest service centre. The device should be open by an authorised person only.
- **Use as Directed:** this audio system is intended for installation and operation with 12V (negative ground) voltage. Observe the output limits of the device. Only an authorised specialist should perform repairs and installation, if necessary.

Safety

Observe the following notes about road safety:

To avoid any injury or damage to yourself, your car and others, please make sure to do as following. Observe the following note to protect yourself against injuries:

- Before using this unit, please read all related instructions ca refully.

- Any damage to this unit caused by improper operations will void the warranty.
- To avoid short circuit, please do not dispose the unit into the water and please do not place or leave any kind of metal object (such as a coin or metal tools) in the unit.
- Please operate the unit as per this Manual, it is not allowed to open the unit for maintenance; In case if maintenance is required, please seek professional help.

Instructions to read this User Manual

Illustrations are used in this manual to explain operations and precautions. The illustrations used in this manual are only for reference, please take the actual unit as standard.

Declaration of conformity

We declares that the device complies with the basic requirements and the other relevant regulations of the RED Directive 2014/53/EU.

Cleaning notes

- Solvents, cleaning and scouring agents as well as dashboard spray and plastics care products may contain ingredients that will damage the surface & screen ofthe audio system.
- Use only a dry or slightly moistened cloth for cleaning the audio system.

Disposal notes

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

Placing the device in operation

Switching ON/OFF with the POWER button
• To switch-ON, press the [⏻] button.
• To switch-OFF, hold the [⏻] button pressed for more than 2 seconds.

Volume

Adjusting the volume
You can adjust the volume in steps from 0 (off) to 40 (maximum).
Press the button [🔊+] to raise volume and [🔊–] button to lower the volume.

Muting the sound system (Mute)
Briefly press the [⏻] button to mute the device or to reactivate the previous volume.

Main menu(Home)
In the main menu, press the buttons on the touchscreen to call up the different sources and operating modes.
• In the current source, press the [⌂] button.
   The main menu is displayed.

1. Now Playing source
2. Top bar: Drag down to see more functions
3. Enter Music menu
4. Back
5. Enter Video menu
6. Enter main menu
7. Enter BT Phone menu
8. Show volume bar
9. Enter Settings menu
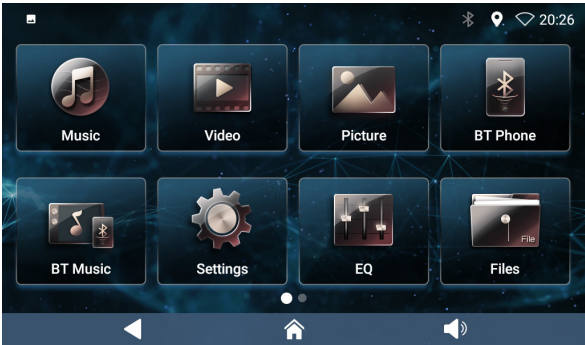
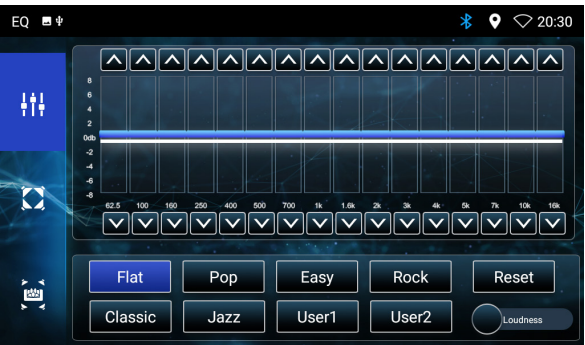• Swipe left on the screen to see more source icons.

Note:

The figures used in these instructions are intended to facilitate the explanations and details may deviate from your device.

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Sound Settings

Equalizer

You can adjust the equalizer for all sources.

• Press [🎛] on the main menu or [📊] of the current audio source.

The equalizer menu is displayed.

• Select a preset equalizer via preset buttons - Flat / POP / Easy / Rock / Classic / Jazz / User1 / User2.

- Or -

• Press the [**User**] button to adjust the level of the available frequency bands according to your preferences.

Note:

With the **[Reset]** button, you can reset the customised setting again.
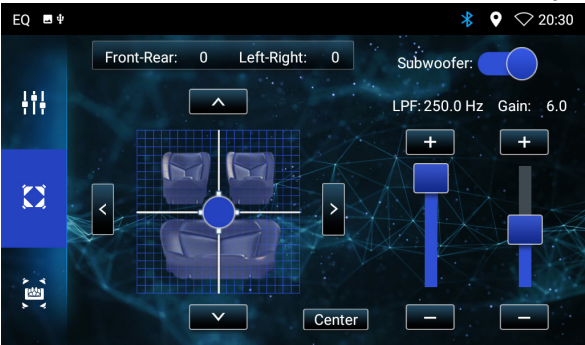
- Or -

• Press the [**Flat**] button for a linear sound playback.
• Turn on the [**Loudness**] to increase bass and treble at low volume.

Volume distribution (Fader/Balance)

You can adjust the volume distribution in the vehicle for all sources.

• Press the [🔷] button in EQ menu.
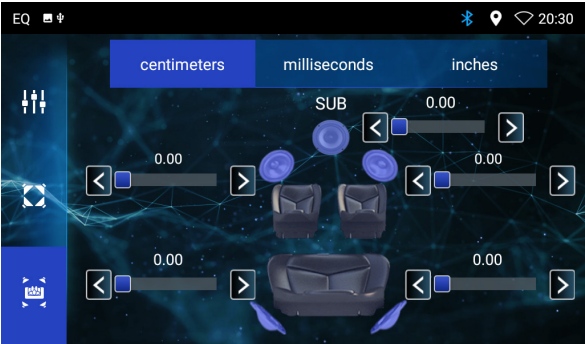
The menu for fader and balance is displayed.

• Press the arrow buttons or drag the cursor to adjust fader and balance.

Time Alignment

You can set the audio delay for each loudspeaker.

• Press the [👑] button in EQ menu.

• Touch on the slide control or swipe across the slide control of the individual loudspeaker to adjust the delay required.

USB media playback

The audio system is equipped with USB ports to play MP3 or WMA files on USB data carriers.

In addition, you can view movies and images from USB data carriers on the display or a connected monitor.

For safety reasons, the playback of movies and images on the integrated monitor is allowed only while the vehicle is in parked mode and the handbrake is applied. The "PARKING" cable must be connected with the hand brake connection of the vehicle (see Connection diagram at the end of these instructions). The movie playback on an external monitor is also possible while driving.

Notes:

We cannot guarantee that all USB pen drives are compatible with this audio system.

USB data carrier

This device features 2 USB ports at the rear of the device.

Connecting a USB data carrier

• Insert the USB data carrier in the USB socket.

  The device automatically switches to USB mode. Data is read and playback commences.

Removing the USB data carrier

• Turn off the sound system.
• Remove the USB data carrier.

Audio playback from USB

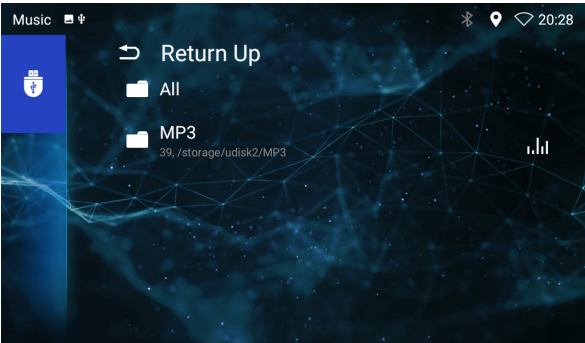The principles of the audio playback (MP3/WMA) from data carriers are identical for all sources.

• Select the [**Music**] source via the main menu.

The device changes to the USB source and the playback starts.

1. Progress Bar
2. Sound effect
3. Display the folder/file list
4. Previous track
5. Pause playback and Resume playback
6. Next track
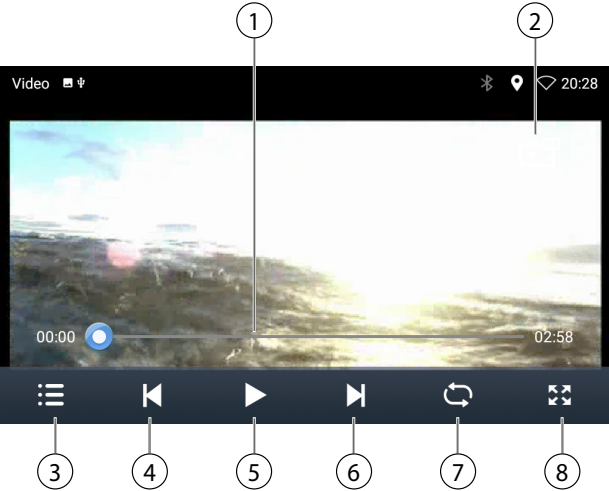7. Repeat/Random play

Folder/file list:

Briefly tap on the name of the folder/track. The folder is opened/the track commences.

After starting a title, the playback menu is displayed.

Video playback from USB

• Select [**Video**] source via the main menu.

1. Progress Bar
2. Play in a small window
3. Display the folder/file list
4. Previous chapter
5. Pause playback and Resume playback
6. Next chapter
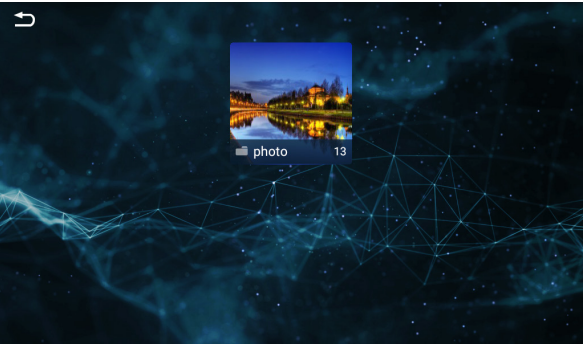7. Repeat/Random play
8. Aspect ratio

Folder/file list:

Note:
Folders and videos are selected and started as described under audio playback.

Image playback from USB

• Select the [**Picture**] via the main menu.

Touch the thumbnail to view the pictures.

Bluetooth mode

The Bluetooth® function allows pairing cell phones and media playback devices with the sound system.

Whena cell phone is paired with the sound system, you can make phone calls with the built-in hands-free function. You can access the lists of dialled numbers and the phone book of the registered cell phone.

If the connected Bluetooth® device supports the functions A2DP and AVRCP, you can play the music via the sound system and control the playback. During a call, the music playback is interrupted and continued again after the call.

If a cell phone is paired via Bluetooth® and a call is received during the playback of another source, the source playback is interrupted and the call menu is displayed.

Starting Bluetooth mode

• In the main menu, press on [**BT Phone**].

The Bluetooth® menu is displayed. It contains the list of known Bluetooth® devices. Other audio sources are switched off.
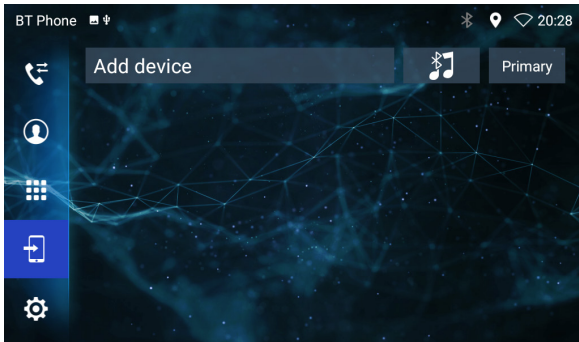
Registering Bluetooth devices

If you want to register a device with the sound system for the first time, proceed as follows:

• Ensure that Bluetooth® is activated at the sound system and at your Bluetooth® device.
• Search for new devices/connections on your Bluetooth® device.
• The sound system appears as "SUNLIGHTEN" in the list of Bluetooth® devices.
• Establish the connection; you may have to enter the pairing code that was previously entered on the sound system.
• The connection is being established and the menu for the registered device is displayed.

Note:

If a telephone is connected with the audio system, the Bluetooth® icon ⚹ is lighted at the top of the display in all audio/video sources.

Telephone mode

If you connected a phone with the audio system via Bluetooth®, the following menu appears.

1. Call up records lists.
2. Call up phone book.
3. Call up dial keypad menu
4. Call up device menu
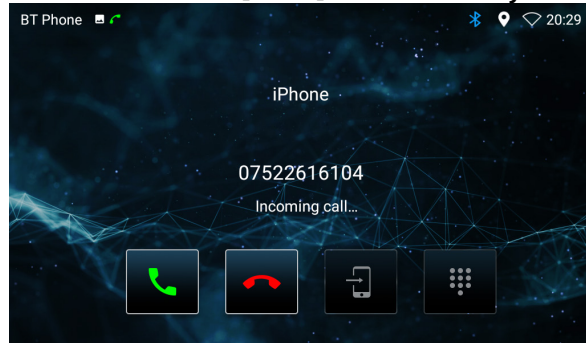5. Call up BT setting menu
6. The dial keypad
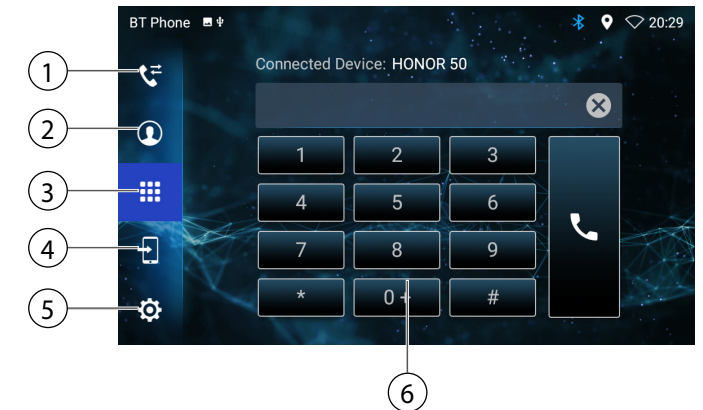
Dialing

• Enter a phone number with the keypad and press the [📞] button.

- Or -

• Select a contact/number via the caller lists or phone book.

Answer a call

During an incoming call the "Calling" number is displayed.

• Press the Green [📞] button to answer a call.
• Press the Red [📞] button to reject a call.

Audio playback via Bluetooth streaming

If an audio streaming device is connected with the audio system via Bluetooth®, you can play back the music via the audio system and control the playback.

• Press the [**BT Music**] button to change to playback audio.
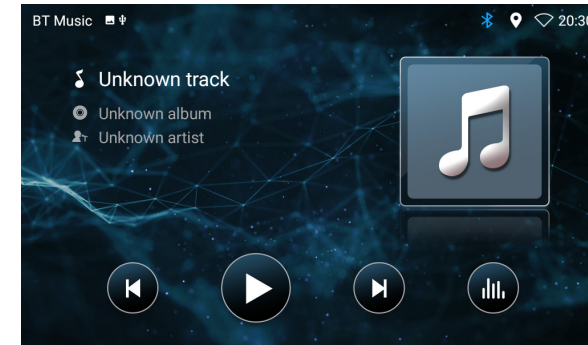
[⏮]   Short press: Title selection.
[⏸/▶]   Pause playback and Resume playback
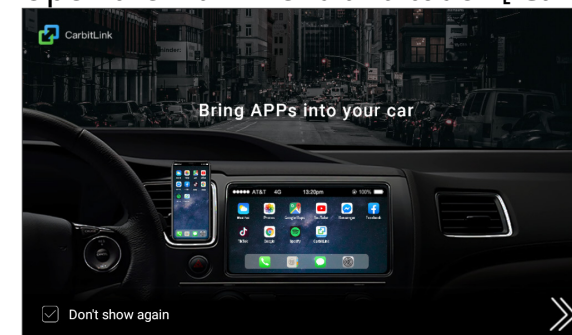[⏭]   Short press: Title selection.

CarbitLink

CarbitLink function allows the mobile device screen to be displayed on the Car Radio screen.

With CarbitLink you can synchronize the screen from your smart phone to the car multi-media player.

The function of the CarbitLink depends on the configuration of your smart phone.

Open the Main Menu and touch [**CarbitLink**] to enter.

In some versions of Android, the USB debugging needs to be accessed under About Phone [USB debugging]:

Entering connection prompt

Android/iPhone USB

1. Open the Bluetooth of your mobile phone and pair the audio system with the mobile device.
   Please see <Bluetooth operation> for details.
2. Connect USB data cable (original).
   Ensure that the original data cable of the device is used..
3. If the phone does not have the EasyConnection App installed, scan the 2D code and install the App to the phone.

Android: Search CarbitLink in Google play

ID:Carbit-db3c
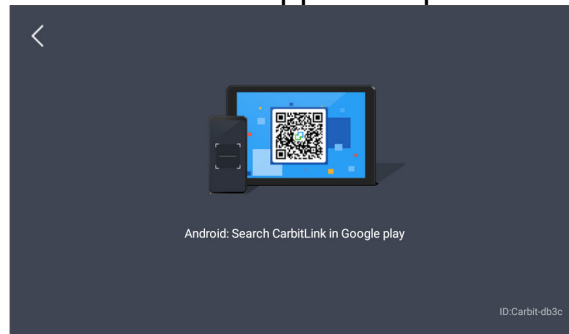
4. Open the EasyConnection App in your phone, and the screen will transfer to the car device.

Android WiFi

1. Open the hotspot in the settings menu of your Android phone.
2. Open the Bluetooth of your mobile phone and pair the audio system.
3. Turn on the WiFi function on the settings menu of the audio system. Select the hotspot in the list to connect.
4. If the Android phone does not have the EasyConnection App, scan the 2D code and install the App to the phone.

5. Open the EasyConnection App in your phone, and the phone screen will display on the audio system screen.

iPhone WiFi

1. Open hotspot in the settings menu of your iPhone. Select "WiFi and Bluetooth" if neccesary.
2. Open the Bluetooth of your iPhone and pair the audio system.
3. Turn on the WiFi function on the settings menu of the car device. Select the hotspot in the list to connect.
4. Slide up on your iPhone to open the Shortcuts control bar, find Airplay and select the audio system to connect.

Tip:

- For your driving safety, please do not use this function during driving.
- Since the mobile phone data cable differs by brand, it is strongly recommended using the original USB data cable to connect so as to ensure connection stability.
- Due to variations in the performance and standard features of mobile phones, the performance of EasyConnection may vary with each individual brand of mobile phone.
- BPIN can not guarantee the compatibility of all phones with this device.

File Manager

• Select [**Files**] in the main menu to enter File Manager menu.
• Select the desired folder to access your files.
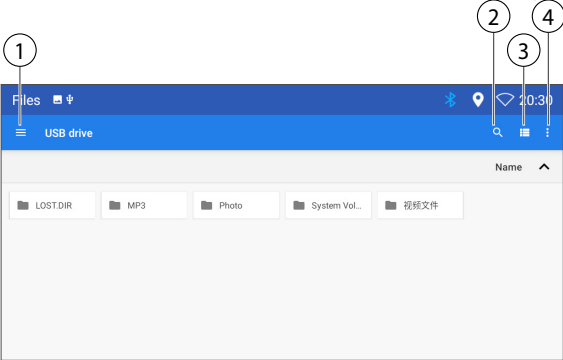
1. Files type/source
2. Search
3. List mode
4. Operation menu

Settings

In the settings menu, you can adjust the basic settings for the different functions of the device to your requirements.

• In the main menu, press the **[Settings]** button. The settings menu is displayed.
• Call up the submenus with the buttons in the lower area of the settings menu.
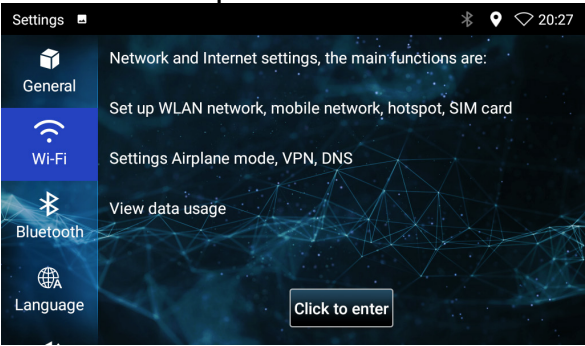
General

• Select an option to access/setup.
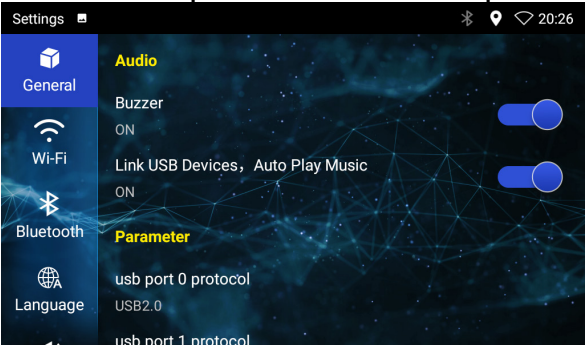
Wi-Fi

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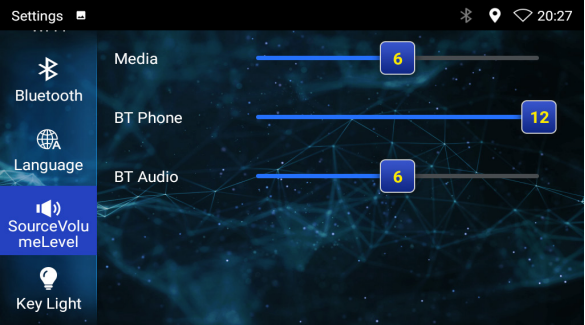• Select a hotspot to connect.

Bluetooth

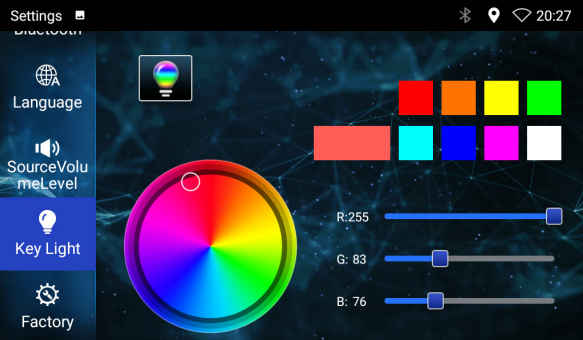• Manage Bluetooth devices.
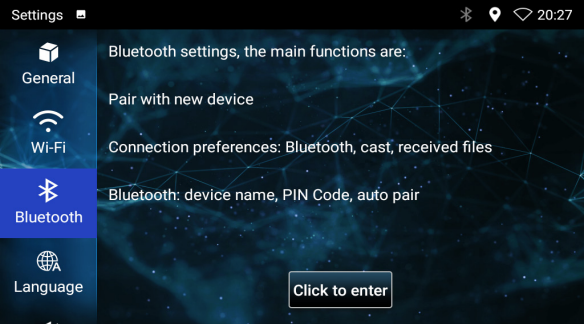
SourceVolumeLevel

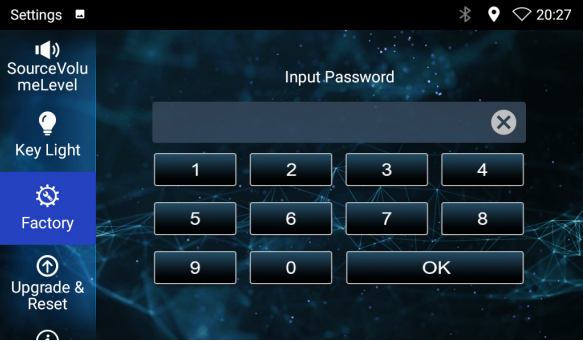• Set the Voluem Level of each Source.

Key Light

• Set the color of Keys on the front display.

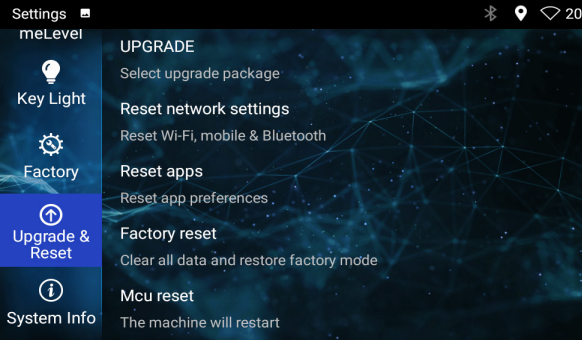## Factory

• Acess Factory configuration.

Default Password: 8888

Upgrade & Reset
- Upgrade the software & Reset the default settings.

System Info
- View System Informations.

Troubleshooting

What appears to be trouble is not always serious. Please check the following points before calling a service center.

Problem	Cause	Corrective action
General		
Unit can not power on	Unit fuse blown.	Install new fuse with correct rating.
	Illegal operation	Reset the unit.
No/low audio output	Improper audio output connection.	Check wiring and correct.
	Volume set too low.	Increase volume level.
	Speakers damaged.	Replace speakers.
	Heavily biased volume balance.	Adjust the channel balance to center position.
	Speaker wiring is in contact with metal part of car.	Insulate all speaker wiring connections.
Poor sound quality or distortion	Speaker power rating does not match unit.	Replace speakers.
	Wrong connections.	Check wiring and correct.
	Speaker is shorted.	Check wiring and correct.
Unit resets itself when engine is off	Incorrect connection between ACC and BATT.	Check wiring and correct.
TFT monitor		
Flashing image or interference appears on screen	Video cable damaged.	Replace cables.
	Improper video signal connections.	Check wiring and correct.

FCC Statement

1. This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

3. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 centimeters between the radiator and your body.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

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LIGHT FOR LIFE®