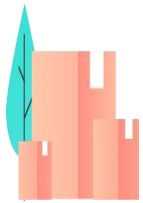


T-style Series



2016-2023 Toyota Tacoma

User Manual



Operating Instructions



PRECAUTIONS

IMPORTANT INFORMATION

FCC COMPLIANCE STATEMENT

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 more reasonable protection against harmful interference in a residential installation, and are more stringent than "outdoor" requirements.

Operation is subjected to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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, you are encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an experienced radio/TV technician.

WARNING

Points to Observe for Safe Usage

- *Read this manual carefully before using this disc and the system components. They contain instructions on how to use this product in a safe and effective manner. Alpine cannot be responsible for problems resulting from failure to observe the instructions in this manual.*
- *This manual uses various pictorial displays to show you how to use this product safely and to alert you to potential dangers resulting from improper connections and operation. Following are the meanings of these pictorial displays. It is important to fully understand the meanings of these pictorial displays in order to use this manual and the system properly.*
- *This product may be used with software applications. Please follow all usage instructions and warnings when using this product at all times. Do not use this product or any software application in a manner which will hinder safe operation of your vehicle.*



WARNING

- Operation of the system while driving is dangerous. Users should stop vehicle before operating the software.
- Road conditions and regulations take precedence over information contained on the map display: observe actual traffic restrictions and circumstances while driving.
- This software is designed for use exclusively in the unit. It cannot and may not be used in conjunction with other hardware.



WARNING

This symbol means important instructions. Failure to heed them can result in serious injury or death.

INSTALL THE PRODUCT CORRECTLY SO THAT THE DRIVER CANNOT WATCH TV/VIDEO UNLESS THE VEHICLE IS STOPPED AND THE EMERGENCY BRAKE IS APPLIED.

It is dangerous for the driver to watch TV/Video while driving a vehicle. Installing this product incorrectly enables the driver to watch TV/Video while driving. This may cause a distraction, preventing the driver from looking ahead, thus causing an accident. The driver or other people could be severely injured.

DO NOT WATCH VIDEO WHILE DRIVING.

Watching the video may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.

Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS IN A CAR MAY ALSO CAUSE HEARING DAMAGE.

MINIMIZE DISPLAY VIEWING WHILE DRIVING.

Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT DISASSEMBLE OR ALTER.

Doing so may result in an accident, fire or electric shock.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

Operating Instructions



KEEP SMALL OBJECTS SUCH AS SCREWS OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.

Failure to do so may result in fire or electric shock.

DO NOT BLOCK VENTS OR RADIATOR PANELS.

Doing so may cause heat to build up inside and may result in fire.

USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.

Use for other than its designed application may result in fire, electric shock or other injury.

MAKE THE CORRECT CONNECTIONS.

Failure to make the proper connections may result in fire or product damage.

BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.

Failure to do so may result in electric shock or injury due to electrical shorts.

DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS.

Arrange wiring and cables in compliance with the manual to prevent obstructions when driving. Cables or wiring that obstruct or hang up on places such as the steering wheel, gear lever, brake pedals, etc. can be extremely hazardous.

DO NOT SPLICE INTO ELECTRICAL CABLES.

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.

When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.

Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

DO NOT INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR GEARSHIFT.

Doing so may obstruct forward vision or hamper movement etc. and results in serious accident.



CAUTION

This symbol means important instructions. Failure to heed them can result in injury or material property damage.

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.

Failure to do so may cause personal injury or damage to the product. Return it to your authorized dealer or seller.

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.

The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.

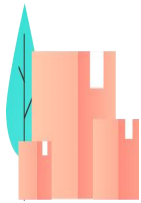
Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.

Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.



Operating Instructions



NOTICE

Product Cleaning

Use a soft dry cloth for periodic cleaning of the product. For more severe stains, please dampen the cloth with water only. Anything else has the chance of dissolving the paint or damaging the plastic.

Temperature

Be sure the temperature inside the vehicle is between +45°C (+113°F) and 0°C (+32°F) before turning your unit on.

Maintenance

If you have problems, do not attempt to repair the unit yourself. Return it to your dealer or seller.

Protecting the USB connector

- Only an iPhone or USB flash drive can be connected to the USB connector on this unit. Correct performance using other USB products cannot be guaranteed.
- If the USB connector is used, be sure to use only the supplied connector cable with the unit. A USB hub is not supported.
- Depending on the connected USB flash drive, the unit may not function or some functions may not be performed.
- The audio file format that can be played back on the unit is MP3/WMA/AAC/FLAC.
- Artist/song name, etc., can be displayed. Certain, special characters may not be correctly displayed.

CAUTION

Alpine accepts no responsibility for lost data, etc., even if data, etc., is lost while using this product.

On Handling USB Flash drive

- This unit can control a memory storage device that supports the USB Mass Storage Class (MSC) protocol. Playable audio file formats are MP3, WMA, AAC and FLAC.
- USB Flash drive function is not guaranteed. Use USB flash drive according to the terms of agreement. Read the USB flash drive Owner's Manual thoroughly.
- Avoid usage or storage in the following locations:
 - Anywhere in the car exposed to direct sunlight or high temperatures.
 - Anywhere the possibility of high humidity or corrosive substances are present.
- Fix the USB flash drive in a location where driver operation will not be hindered.
- USB Flash drive may not function correctly at high or low temperature.
- Use only certified USB flash drive. Note that even certified USB flash drive, may not function correctly depending on its type or state.
- Depending on the settings of the USB flash drive type, memory state or encoding software, the unit may not play back or display properly.
- USB Flash drive may take time to start playback. If there is a particular file other than audio in the USB flash drive, it may take considerable time before the file is played back or searched.
- The unit can play back "mp3," "wma" or "m4a" file extensions.
- Do not add the above extensions to a file other than audio data. This non-audio data will not be recognized. The resulting playback may contain noise that can damage speakers and/or amplifiers.
- It is recommended to back up important data on a personal computer.
- Do not remove the USB device while playback is in progress. Change SOURCE to something other than USB, then remove the USB device to prevent possible damage to its memory.

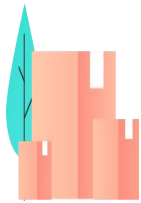
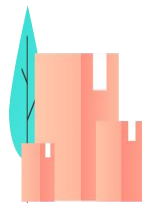


Table Of Contents



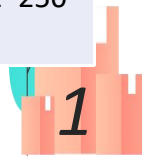
Specifications.....	1
Wire Harnesses List.....	3
Wire Harnesses Connection.....	4
Home Page.....	5
Radio.....	6
MP3.....	9
Video.....	11
EQ.....	13
Blue Tooth.....	15
Cimate Control.....	20
System Settings.....	21





Specifications

CPU	Qualcomm's QCM6125, Quad-core ARM Cortex™-A73,2.0GHz+Quad-core ARM Cortex™-A53,1.8GHz
GPU	Adreno 610
RAM	8GB LPDDR4x
Android System	Android11 with fast boot
Screen	13'HD IPS(1200x1920)
Music	WAV, MP3, MP2, AAC,AMRNB, AMR-WB, MIDI, Vorbis, APE,AAC-plus v1,AAC-plus v2, FLAC, WMA,ADPCM
Video	4K@30fps (H.264, HEVC, VP8)
Phonelink	Wireless Carplay. Wireless/Wired Android Auto.
Coaxial	SPDIF(Optical) output
HDMI In/Out	Support HDMI Output, HDMI input need a adapter
Camera Input	3 Camera Input(Ft., rear, right) with CVBS/AHD
SXM input	no
Amplifier	TDA7850 4X50W/4Ωmax
EQ	(1)16 bandFrequency(hz):20/31/50/80/125/200/315/500/800/1.25K/2K/3.15K/5K/8K/12.5K/20KGain: -10 ~10 db(2)Low pass filter&High pass filter.(3)Subwoofer:Frequency:20 Hz~250 Hz. Gain: 0 ~24db



Specifications



FM/AM	TEF6686/TDA7708 w/RDS
Bluetooth	5.0 DR/EDR/BLE
WIFI	Dual-band (2.4 & 5GHz) 802.11 a/b/g/n/ac
4G with SIM	LTE FDD:Band B2/4/5/7/12/13/14/17/25/26/66/71LTE TDD: Band B41(2496-2690MHz)/48WCDMA: Band B2/4/5GSM:NA
Language	English,German.French,Italian,Spanish.etc.
Carplay/Android auto	Wireless Carplay .Wireless / Wired Android Auto.
USB port	3 USB port
RCA output	4VrmsFL,FR,RL,RR,Sub-R,Sub-L
DVR	USB DVR(optional)
AUX	Audio R/L input, Video input
MIC	External
GNSS	GPS/Beidou/GLONASS
Software Update	USB/OTA
Voltage	9~16V
Temperature	-22~167F (-30~75C)



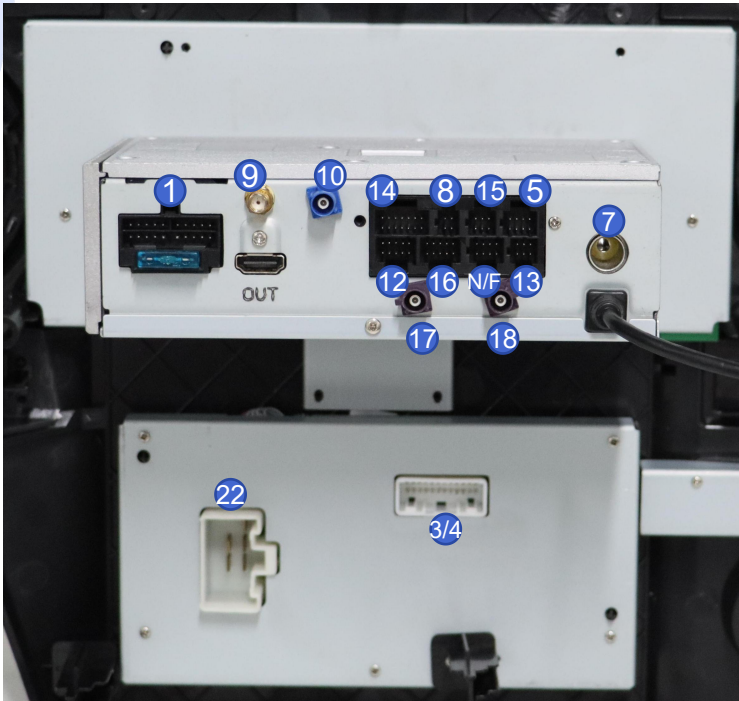
Wire Harnesses Included List



- | | | | |
|---|---------------|----------------------------|--|
| ① | XC01-N0547-A0 | Tacoma Power Cable | |
| ② | XC01-N0548-A0 | Tacoma Power Cable | |
| ③ | XC01-N0541-A0 | Tacoma AC Adapter (Manual) | |
| ④ | XC01-N0542-A0 | Tacoma AC Adapter (Auto) | |
| ⑤ | XC01-N0406-A0 | 8P USB Cable | |
| ⑥ | XC01-N0435-A1 | 2020 8p USB Cable | |
| ⑦ | XC01-N0409-A0 | Radio Antenna | |
| ⑧ | XC01-N0451-A0 | Spdif Output Cable | |
| ⑨ | XC11-W0016-A0 | Wifi Cable | |
| ⑩ | XC11-W0012-A0 | GPS | |
| ⑪ | XC10-W0014-A0 | Micphone | |
| ⑫ | XC01-N0328-A5 | RCA Audio Output | |
| ⑬ | XC01-N0320-A0 | AUX In | |
| ⑭ | XC01-N0404-A0 | Cam Input | |
| ⑮ | XC01-N0403-A0 | DVR Cable | |
| ⑯ | XC01-N0417-A0 | 10P USB Cable | |
| ⑰ | XC11-W0018-A0 | 4G Ant Cable | |
| ⑱ | XC11-W0018-A0 | 4G Ant Cable | |
| ⑲ | W1H048A-Y01E | Tacoma Canbox | |
| ⑳ | | Micro Sim Card | |
| ㉑ | WJ12-W0114-A0 | M6*60 Bolt | |



Wire Harnesses Connection



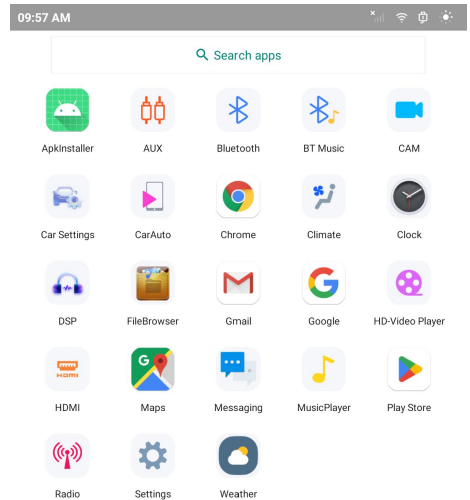
- | | | |
|------|-----------------|----------------------------|
| 1. | XC01-N0547-A0 | Tacoma Power Cable |
| 9. | XC11-W0016-A0 | Wifi Cable |
| 10. | XC11-W0012-A0 | GPS |
| 14. | XC01-N0404-A0 | Cam Input |
| 8. | XC01-N0451-A0 | Spdif Output Cable |
| 15. | XC01-N0403-A0 | DVR Cable |
| 5. | XC01-N0406-A0 | 8P USB Cable |
| 7. | XC01-N0409-A0 | Radio Antenna |
| 12. | XC01-N0328-A5 | RCA Audio Output |
| 16. | XC01-N0417-A0 | 10P USB Cable |
| 13. | XC01-N0320-A0 | AUX In |
| 17. | XC11-W0018-A0 | 4G Ant Cable |
| 18. | XC11-W0018-A0 | 4G Ant Cable |
| 22. | Original Car AC | Cable |
| 3/4. | XC01-N0541-A0 | Tacoma AC Adapter (Manual) |
| | XC01-N0542-A0 | Tacoma AC Adapter (Auto) |



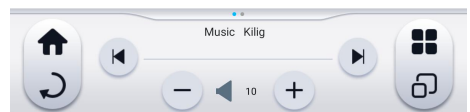
Home Page



Tap to enter the app.



Slide the screen to the Apps list page



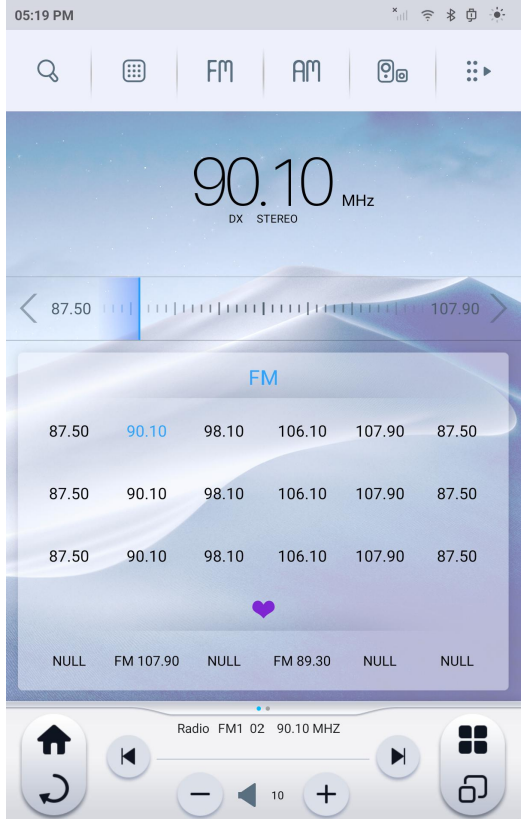


Radio

FM



Radio



Search
the
channels



Input
frequency

FM

AM

Choose FM/AM directly



Select the “DX Stereo” or “Mono”



For more radio setting



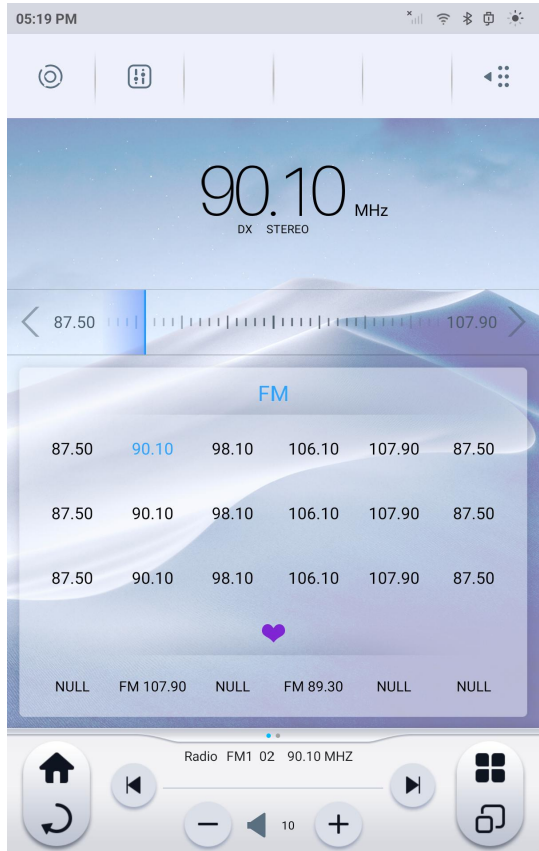


Radio

FM



Radio



Select “DX Mono” or “LOCAL ocal Mono”



Save favourite channels



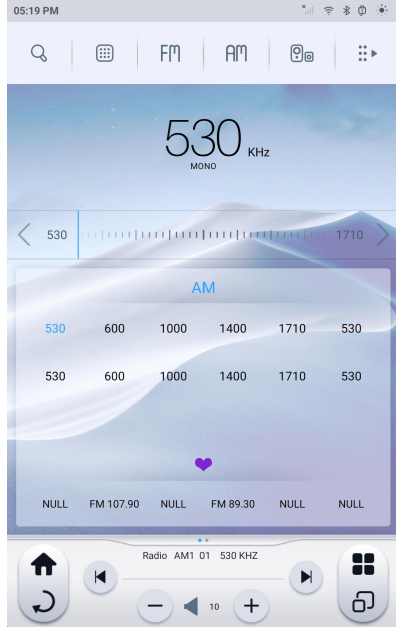


Radio

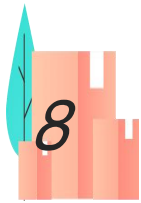
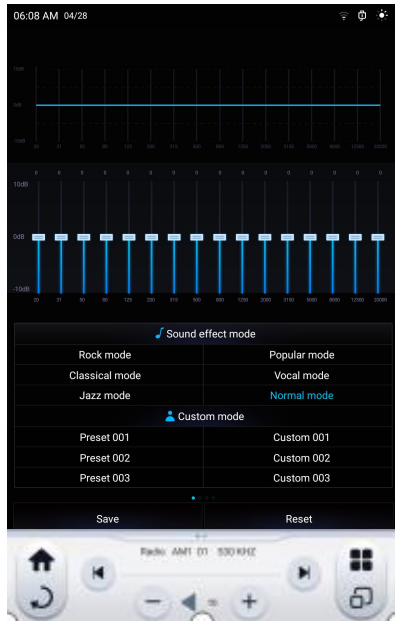
AM



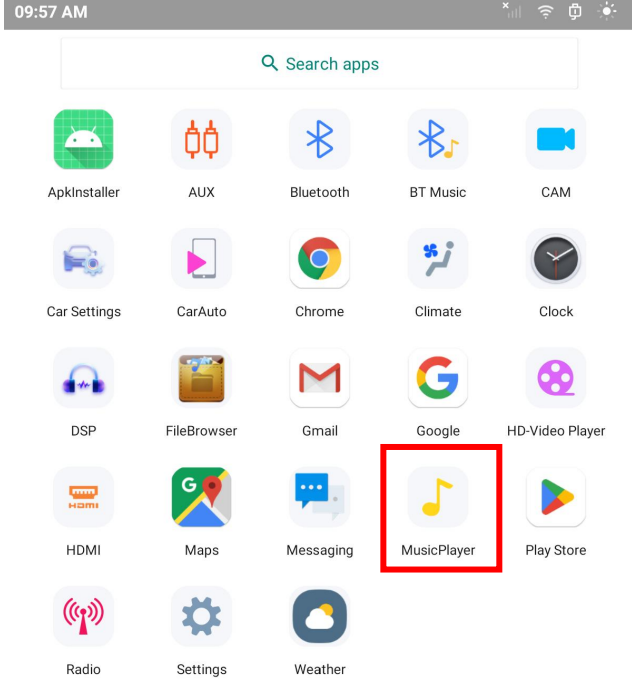
Radio



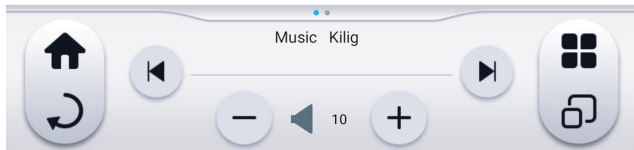
EQ, Sound effect mode or Custom mode



MP3



Tap and
go for
music
directly

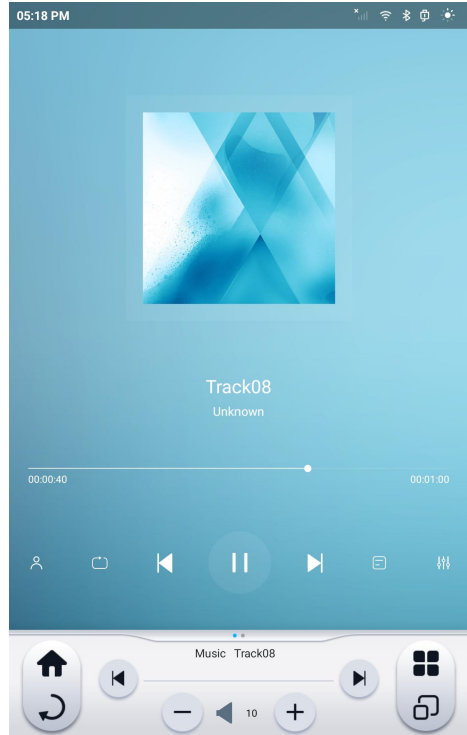




MP3



MusicPlayer



Play page
change to
“Square” or
“Circle”



Songs play mode “Single cycle”, “Sequential play”, “Random play”



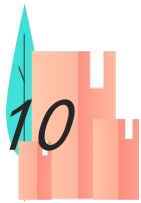
Last Song/Stop/Next Song



Songs storage place, by USB
or car stereo



EQ, Sound effect mode or
Custom mode



Video



HD-Video Player

Tap and
go for HD
Video
directly

09:57 AM



Search apps



ApkInstaller



AUX



Bluetooth



BT Music



CAM



Car Settings



CarAuto



Chrome



Climate



Clock



DSP



FileBrowser



Gmail



Google



HD-Video Player



HDMI



Maps



Messaging



MusicPlayer



Play Store



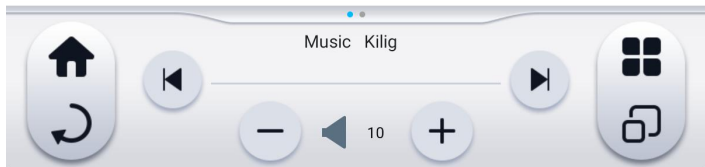
Radio



Settings



Weather

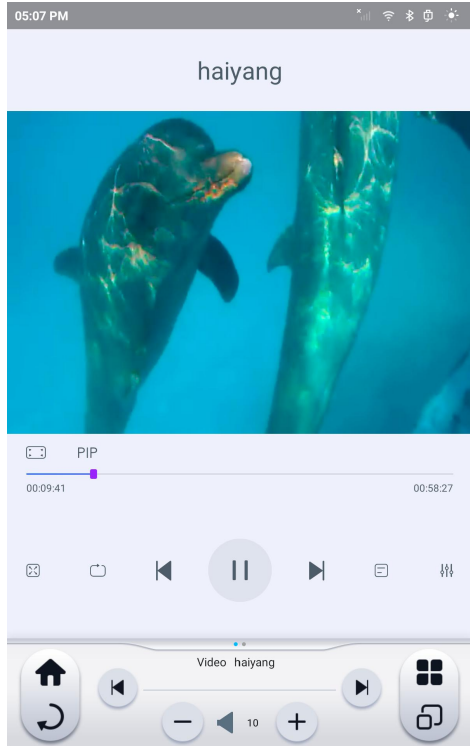




Video



HD-Video Player



Select Video
Play Window
Size

PIP

Video Play
Window location



Full Screen play mode



Songs play mode “Single cycle”, “Sequential play”, “Random play”



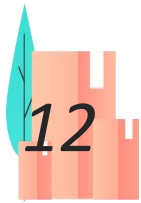
Last Video/Stop/Next Video



Songs storage place, by USB
or car stereo



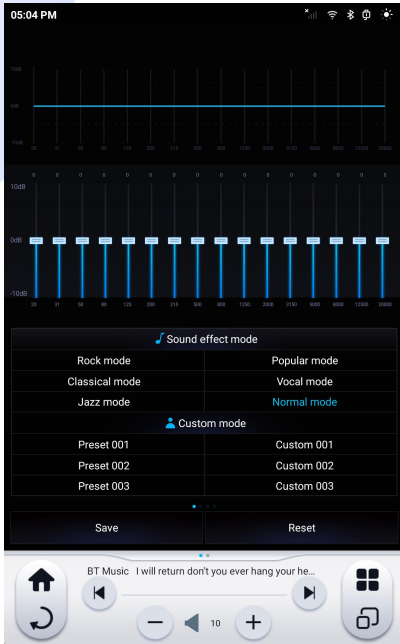
EQ, Sound effect mode or
Custom mode





EQ

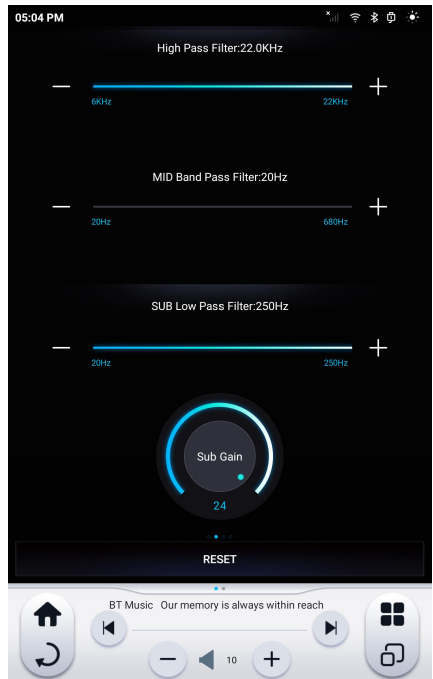
Support Varies
Sound Effect
Mode and
Customize Mode

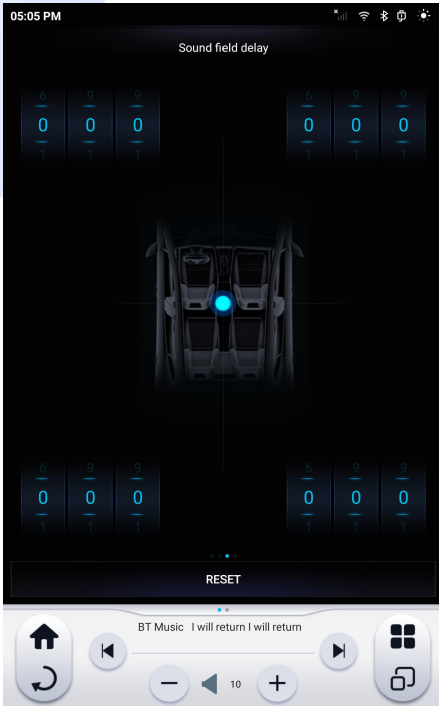


LPF (High-cut
filter)

HPF (Low-cut
filter)

SUB LPF





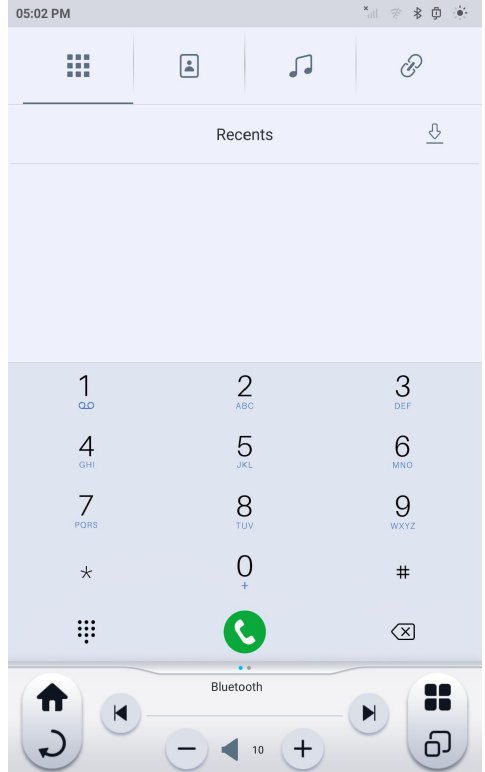
Customize the sound field

Customize the balance





Bluetooth



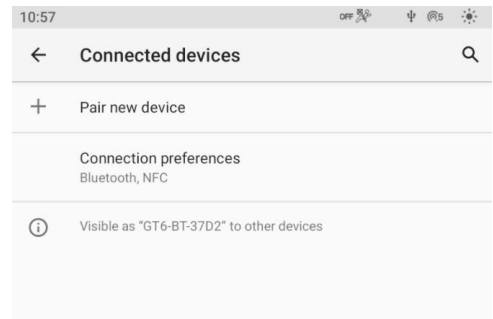
Paired the
bluetooth first
and make call



Phone book



Bluetooth Music

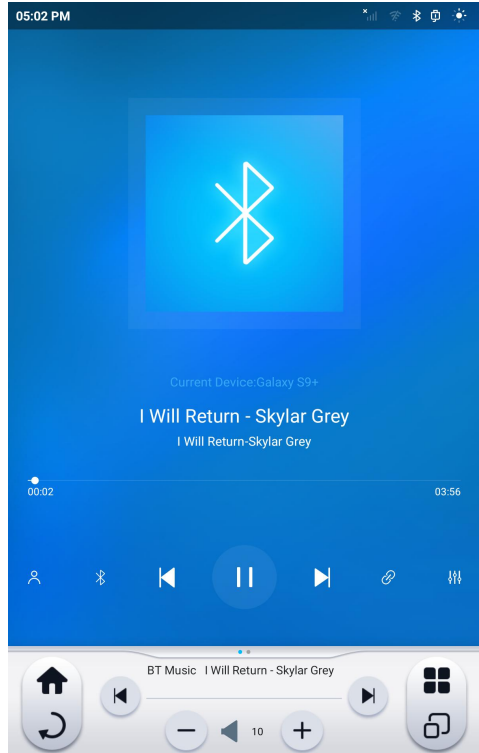




Bluetooth



BT Music



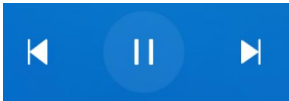
Paired the
bluetooth and
play music



Play page change
to "Square" or
"Circle"



Back to the bluetooth phone call
page



Last Song/Stop/Next Song



EQ, Sound effect mode or
Custom mode



Wireless Carplay

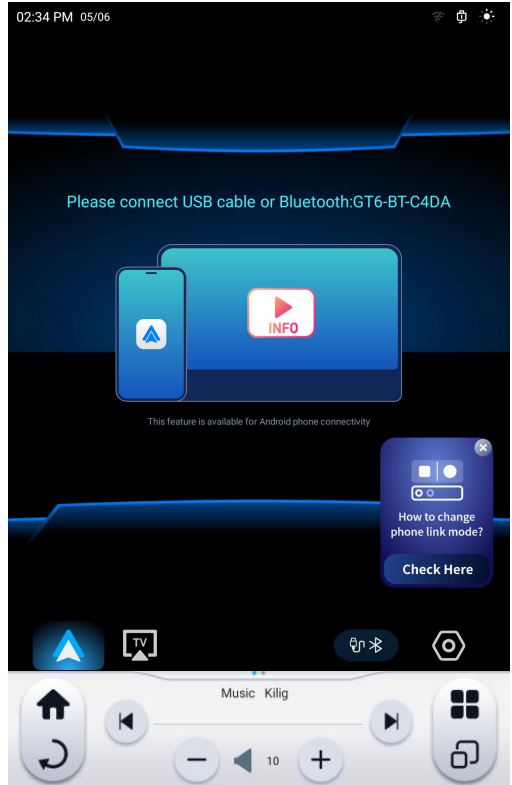
Wireless / Wired Android auto



CarAuto



Press "INFO" there will be a video guide to show how to paired the devices



Paired the devices to the Android phone or iPhone

Wireless Carplay

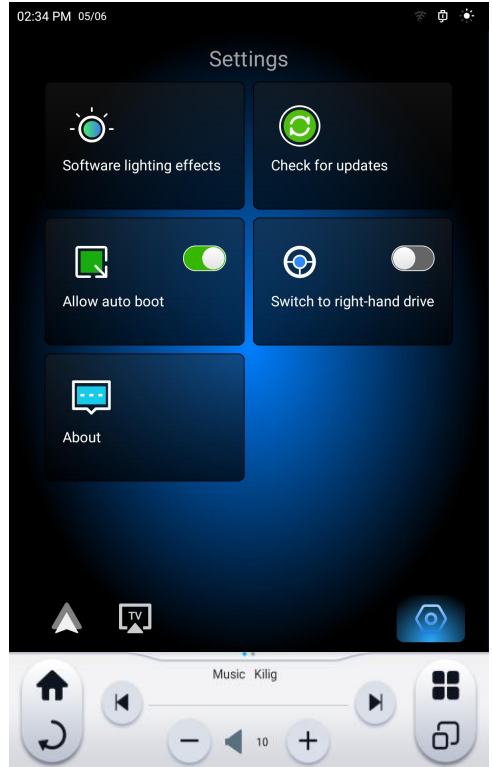
Wireless / Wired Android auto



CarAuto



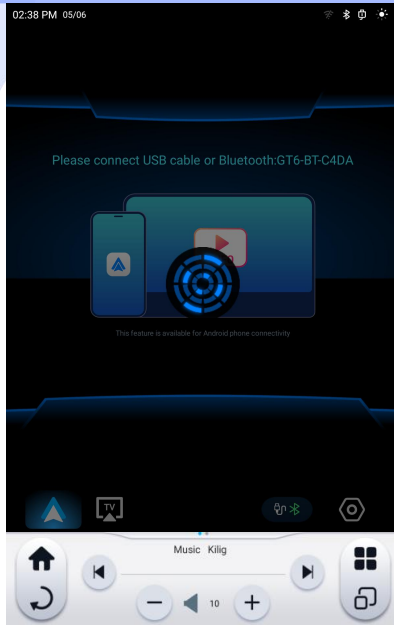
Press “TV” and “INFO” there will be a video guide to show “DLNA Video Casting”



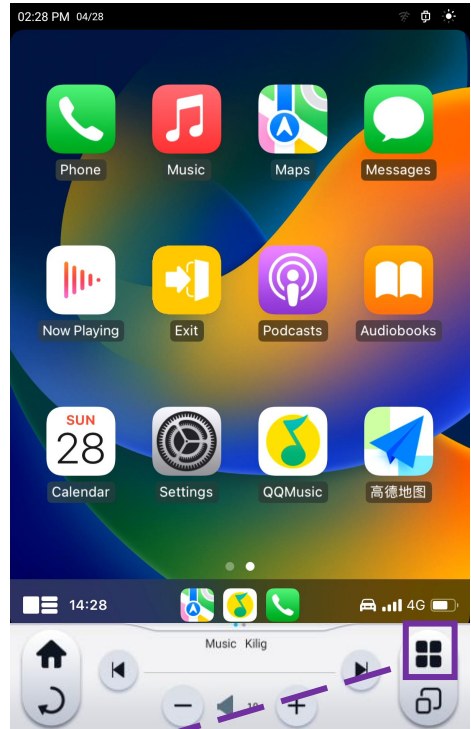
For more carplay settings and update

Wireless Carplay

Wireless / Wired Android auto

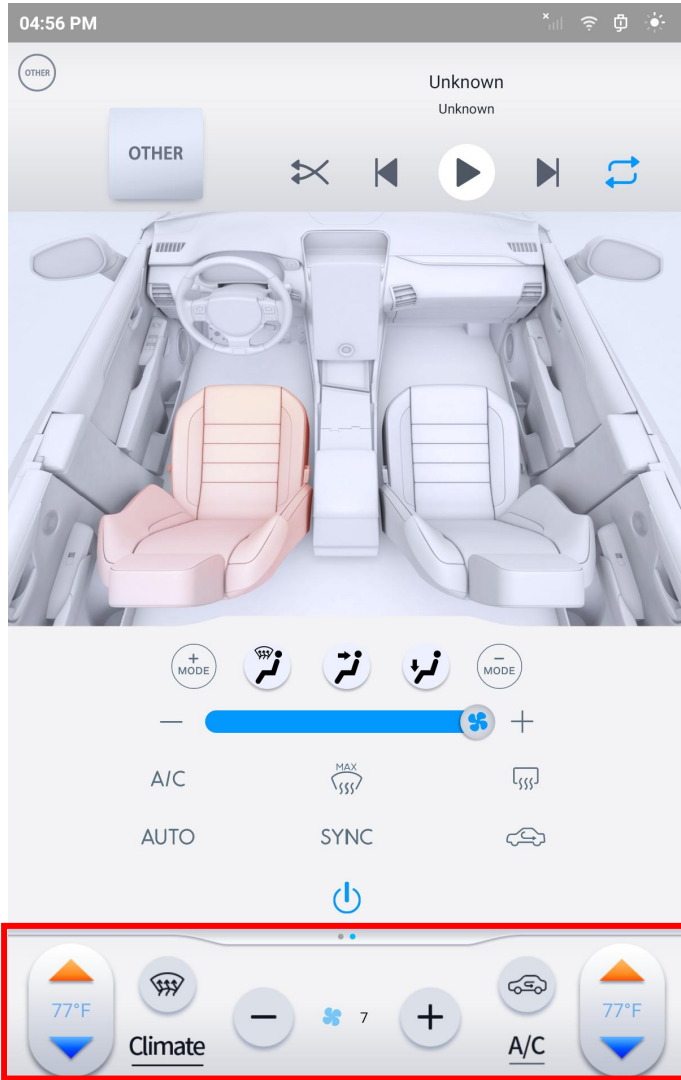


CarAuto connected



Long press and split the screen automatically

Climate Control



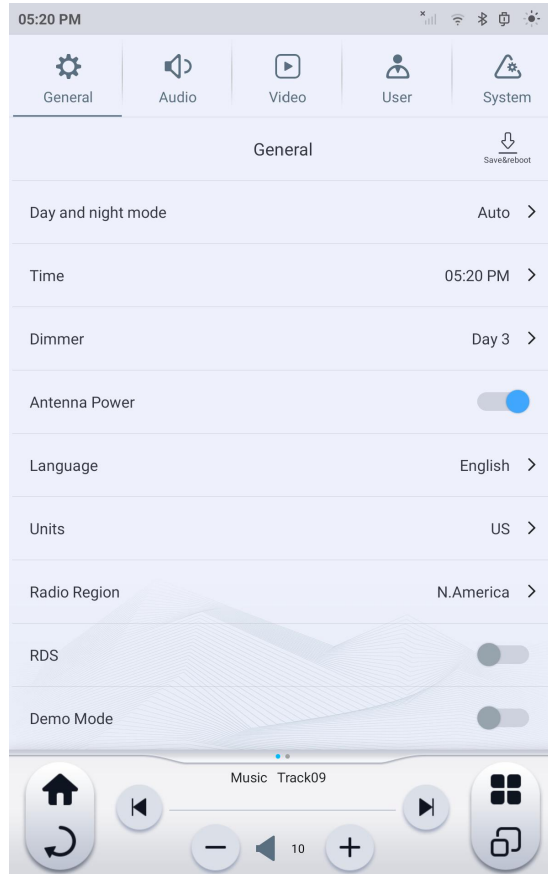
Slide the down portal to the AC setting



System Setting

General Setting

- **Day and night mode:** Set the radio as day or night model or Auto change
- **Time:** Set the Time, Time Zone, and Daylight Savings Time
- **Dimmer:** Set the Screen Brightness during the Day and Night
- **Antenna Power:** Activate the Powered FM Antenna Wire
- **Language:** Choose system Language
- **Units:** Change Temperature from US/Imperial to EU/Metric
- **Radio Region:** Change FM Radio Frequency by Country
- **RDS:** Enable/Disable RDS (Radio Data System)
- **Demo Mode:** Radio features descriptions

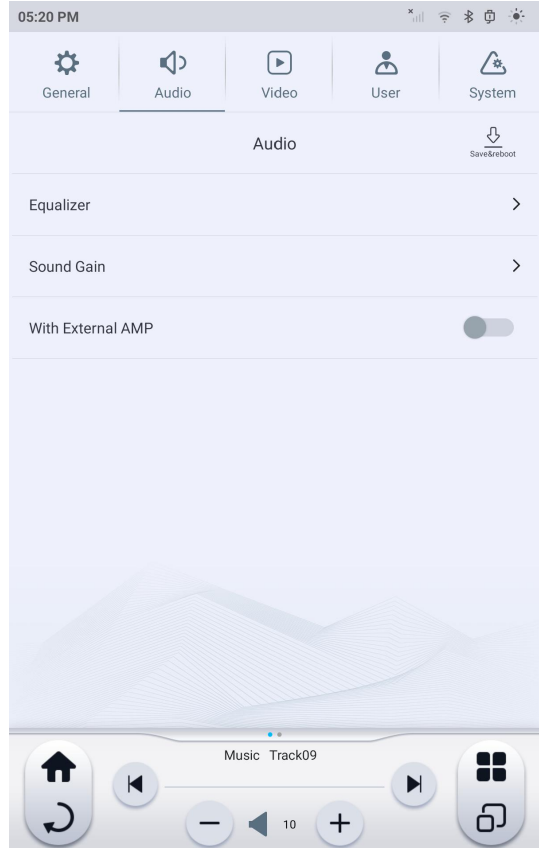


System Setting



Audio Setting

- **Equalizer:** View Equalizer Settings (See EQ Page)
- **Sound Gain:** Change Varities Sound Gain settings (Radio/Music/Video/ BT/BT-Music/AUX/Navi Volume/Pthers)
- **With External AMP:** Connect to the external AMP and settings

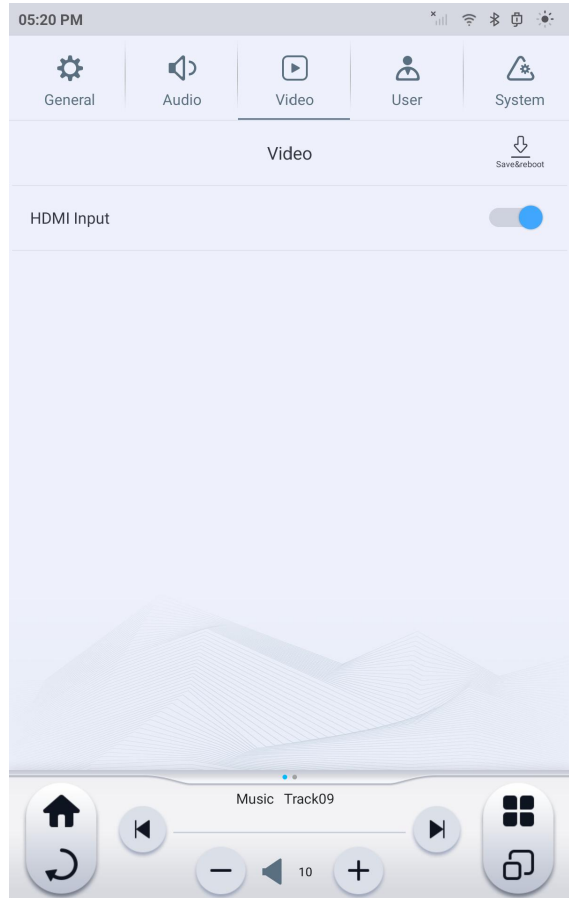


System Setting



Video Setting

- **HDMI Input:** HDMI Input will input any video playing on the Radio

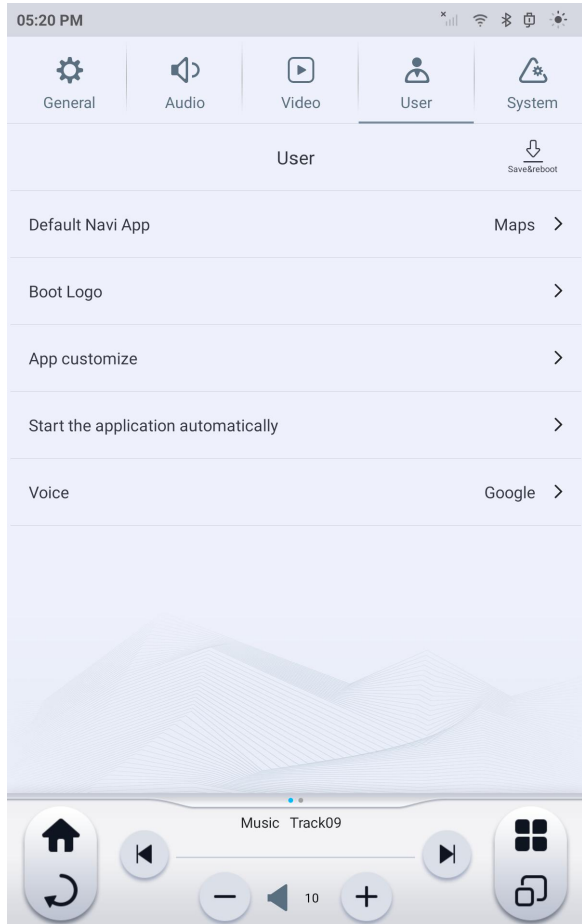


System Setting



User Setting

- **Default Navi App:** Select the Apps as default
- **Boot Logo:** Set the Radio's startup boot image(The Image must be 1920x1080)
- **App customize:** Change the Music online app (Home Screen) or the Online Video
- **Start the application automatically:** Select the APPs on the home screen
- **Voice:** when music and maps play together,only the maps show the voice

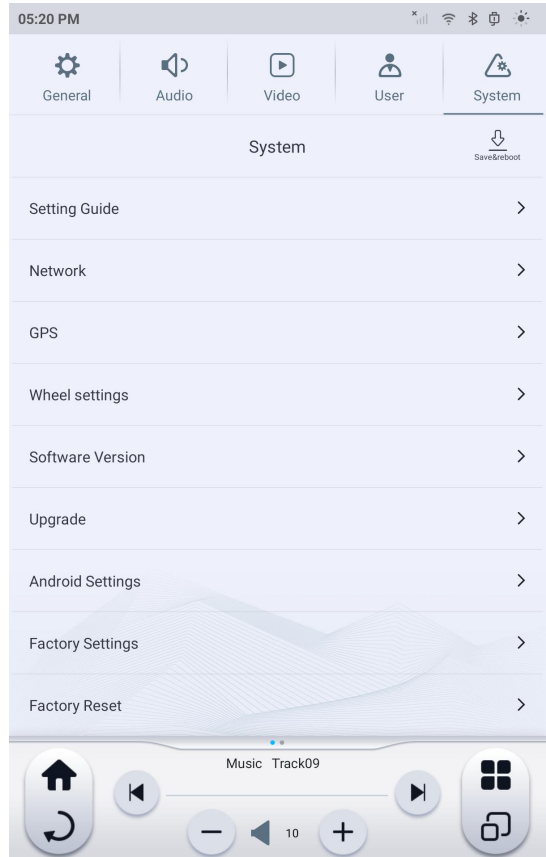


System Setting

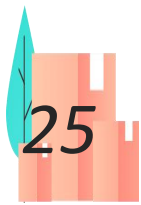


System Setting

- **Setting Guide:** Vehicle Setup (See setting guide item)
- **Network:** Connect the Radio to Wi-Fi
- **GPS:** Check GPS Signals
- **Wheel settings:** HI-Z or Low-Z setting and pair the SWC
- **Software Version:** View current Software info
- **Upgrade:** Check for System Updates (Wi-Fi Only)
- **Android Settings:** View the internal Android Settings menu
- **Factory Settings:** View Developer/Linkswell settings



- **Factory Reset:** Reset basic radio settings(Only for factory)





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