



LINKSWELL
TECHNOLOGY TOGETHER



**2015-2020 Ford
F150 2017-2020 Ford Super Duty
Radio Replacement
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.

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 Alpine dealer or the nearest Alpine Service Center for repairing.

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.



Generation



GEN IV T-Style Ford Radio Part # TS-FDPU12-1RR-4





Disclaimer

Please read this manual thoroughly prior to installation.

Be sure ACC power is off before removing the head unit. Use caution and if unsure, seek professional assistance.

*****Professional installation is strongly recommended*****

Cover all surfaces with tape or plastic film to protect against scratching and damage to interior dash panels. Linkswell Automotive is in no way responsible for any damage incurred during the installation.

Notice:

- This product has been verified in vehicles listed on the application guide only. Ford offers different features for their vehicles. Please confirm your vehicles compatibility.

**Tech support available Mon - Fri, 8am-4pm (PST)
linkswelltech@linkswellinc.com 909-375-0633**



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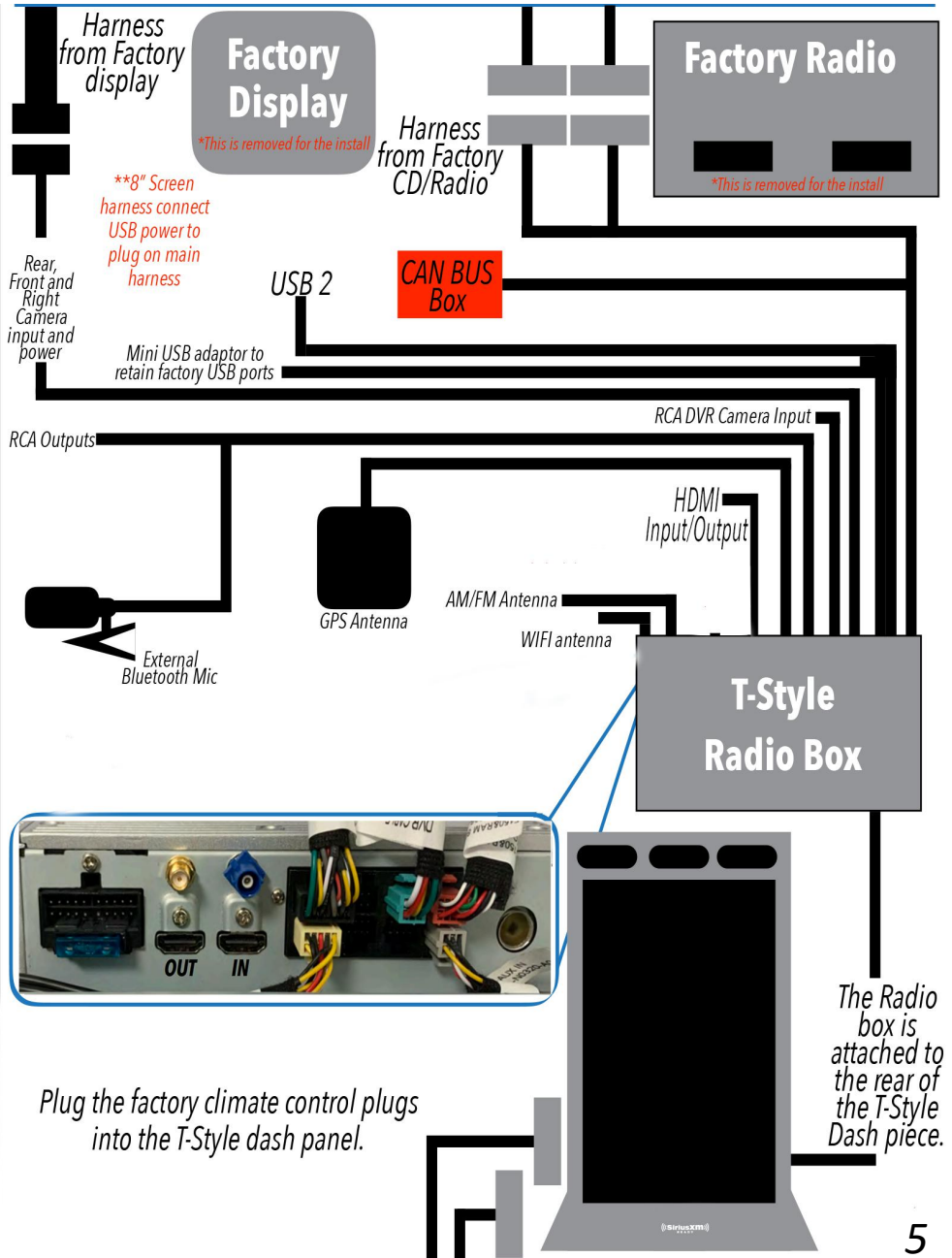
Installation Cables



- | | |
|-----------------------------|-------------------|
| 1.Main Harness Adaptor | |
| 2.Radio Antenna Cable | |
| 3.12 Reverse Cam Converter | |
| 4.54P Reverse Cam Converter | |
| 5.8P USB Harness | 6.Cam Inputs |
| 7.RCA Audio Output | 8.10 Pin USB Line |
| 9.Wifi Antenna Cable | |
| 10.GPS Antenna Cable | |
| 11.Mic Cable | 12.DVR Cable |
| 13.AUX Input | 14.Canbox |



Installation Diagram





Climate Setup

PRIOR TO INSTALLATION:

IDENTIFY YOUR CLIMATE CONTROL
FROM THE OPTIONS BELOW

MANUAL AC

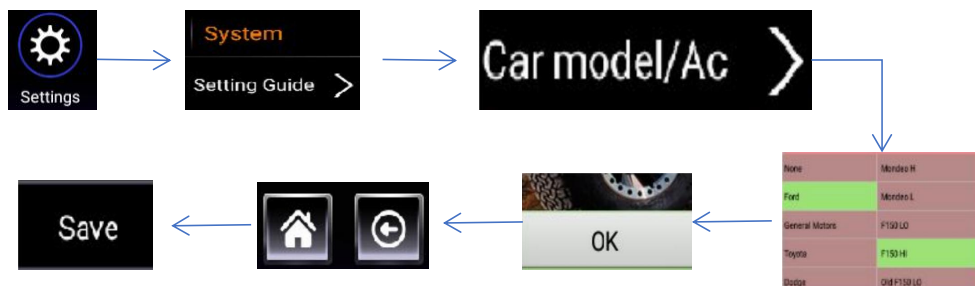


AUTO AC



AFTER INSTALLATION:

SELECT THE PROPER PROGRAM
FOR YOUR VEHICLE



1, Tap on Settings

2, Tap on System

3, Go to Setting Guide

4, Tap Car model/AC

5, Select your vehicle

6, Tap OK on the bottom of the screen

7, Tap the Back Button/Left Arrow

8, Tap SAVE on the Bottom

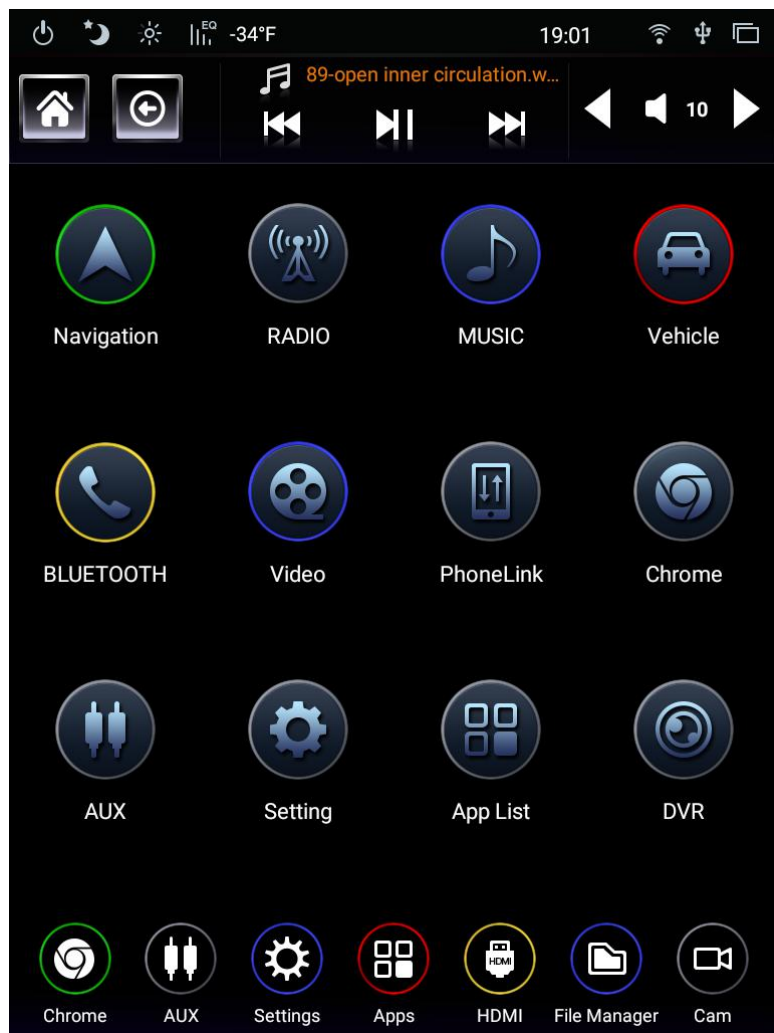
9, Restart the vehicle and Radio

Manual Climate Systems: F150 LO

AUTO/DUAL Climate Systems: F150 HI



Home Page



①/② Status bar

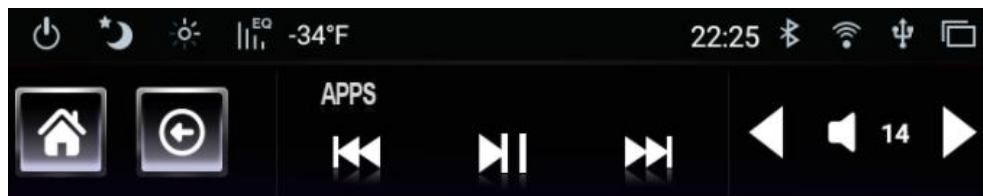
③/④ Playing source menu



Home Page



①/② Status bar



1. []: Tap to turn on/off the Volume.
2. []: Tap to turn on/off the screen.
3. []: Tap to Dimmer Control.
4. []: Bluetooth on/off.
5. []: Tap to turn on Equalizer set up.
6. []: Connection Information.
7. []: USB Connection on.
8. []: Tap to Reveal the Multitasking Screen.
9. []: Volume Control.
10. []: App selection.
11. []: Home Page.
12. []: Return to previous screen.



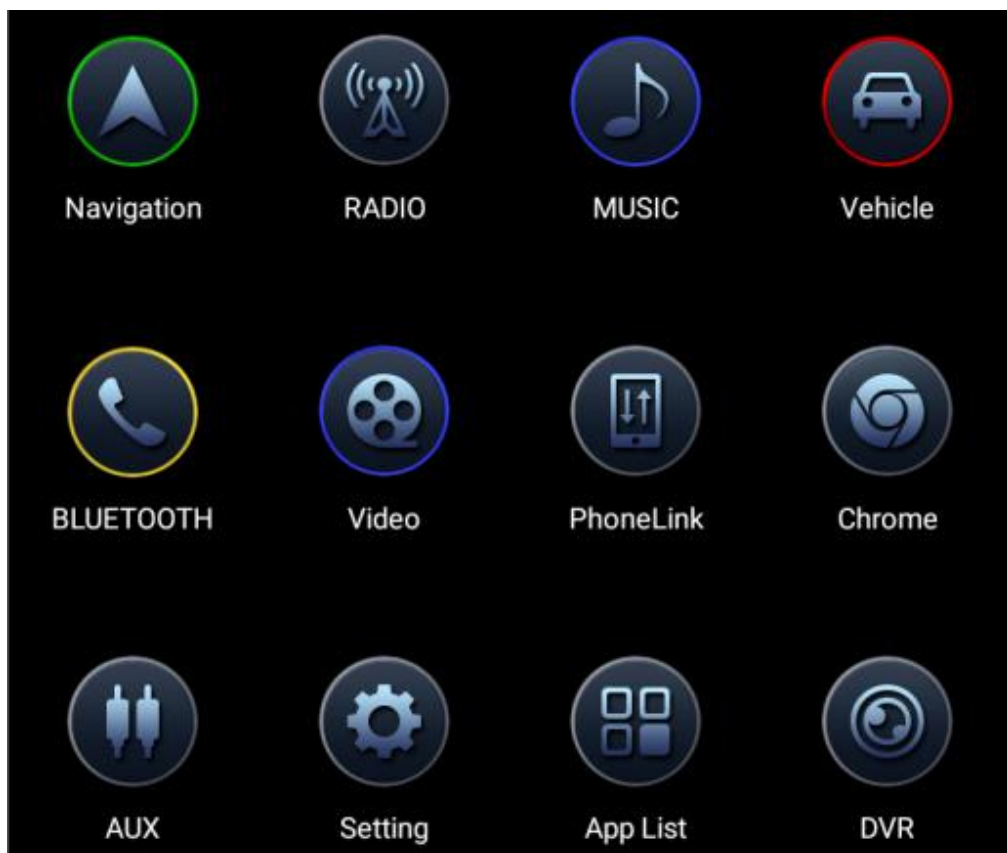
Home Page



③ Playing source menu

The playing sources are displayed on the front side of the screen.

Tap to enter the selected app.





Home Page



④ Quick Start Playing source menu

The quick start playing sources are displayed on the down side of the screen.

Tap to quick enter the selected app,swipe left/right to select other functions.

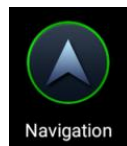
Long press to change the icon position customize the menu.

Or enter to AC Simple operation bar.

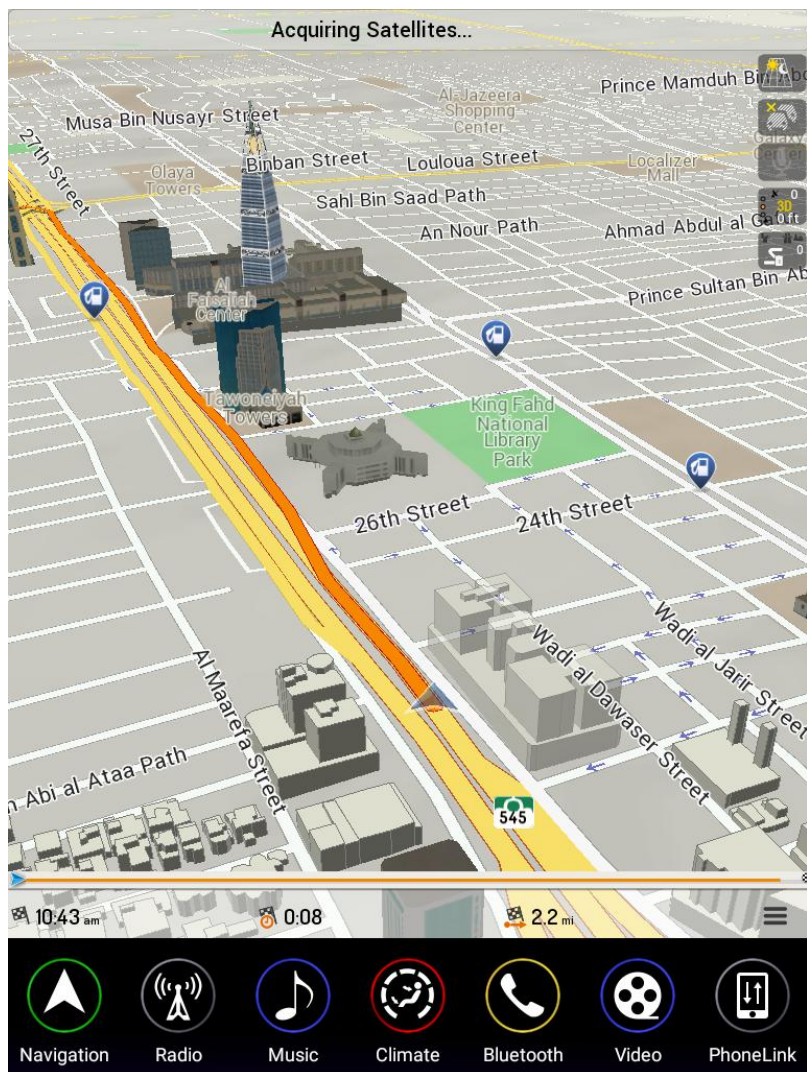




Navigation

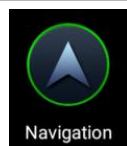


Your new unit comes with the option to use a variety of different navigation systems.

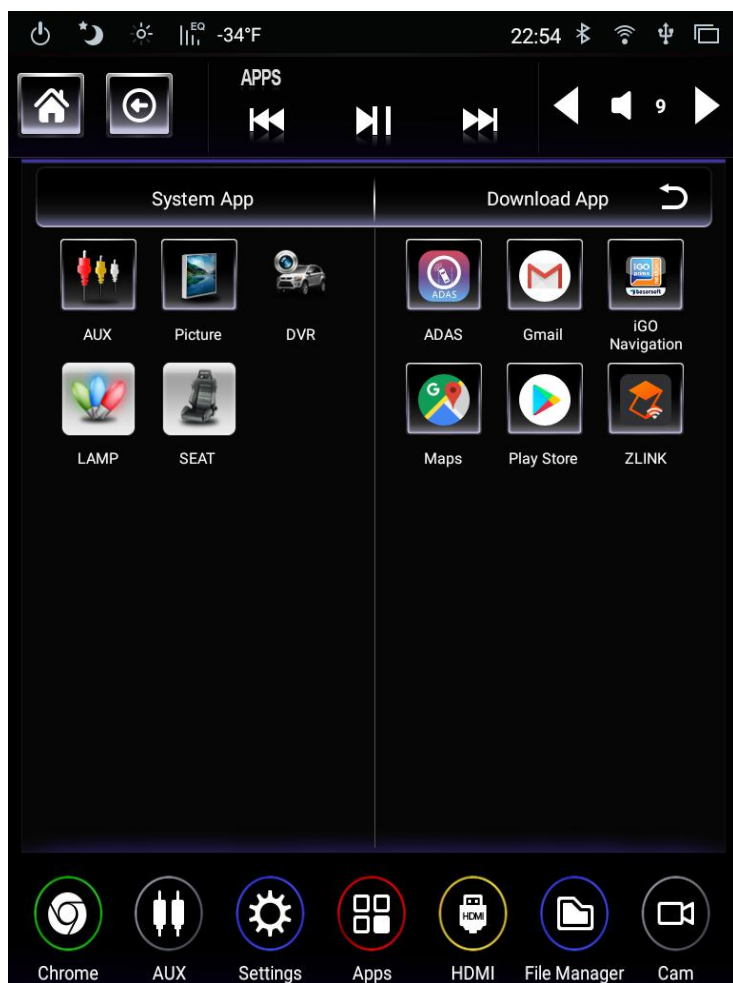




Navigation

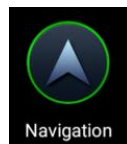


Use your favorite data based navigation systems like Google Maps. Download your preferred application. Go into the settings, on the navigation tab simply double click the preferred navigation listed and the system will becomes your selection.

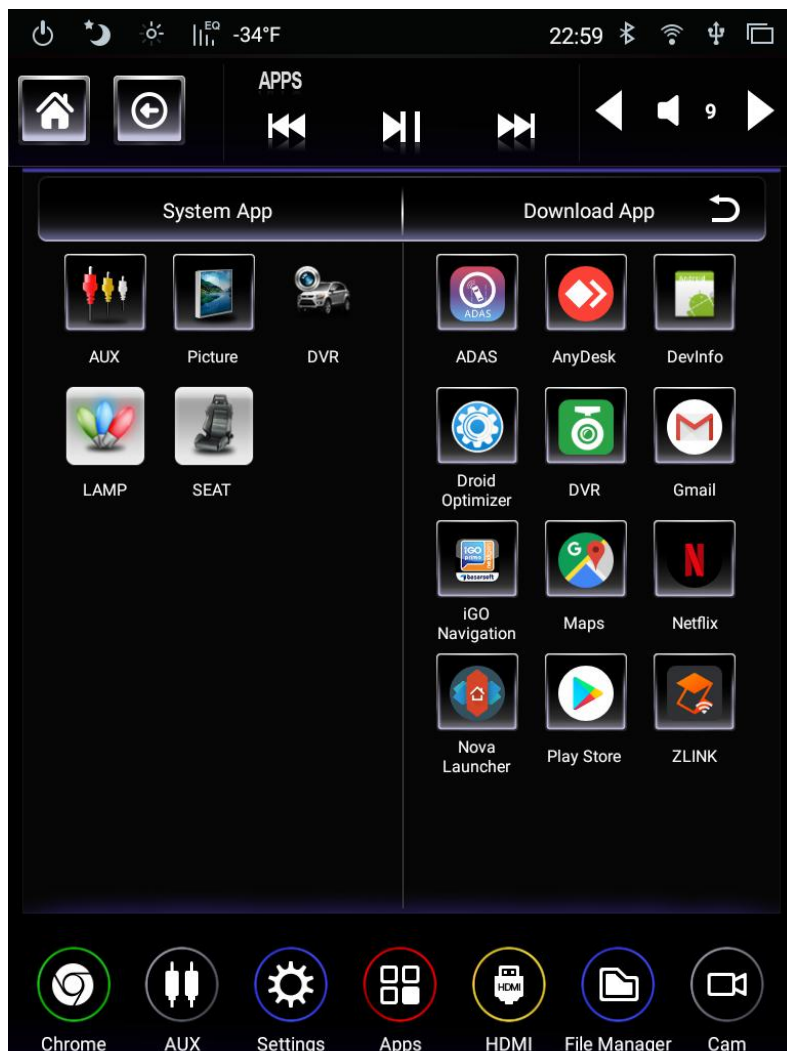




Navigation

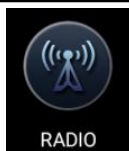


Or you can purchase the iGO NextGen Satellite Navigation through your local LinksWell retailer.

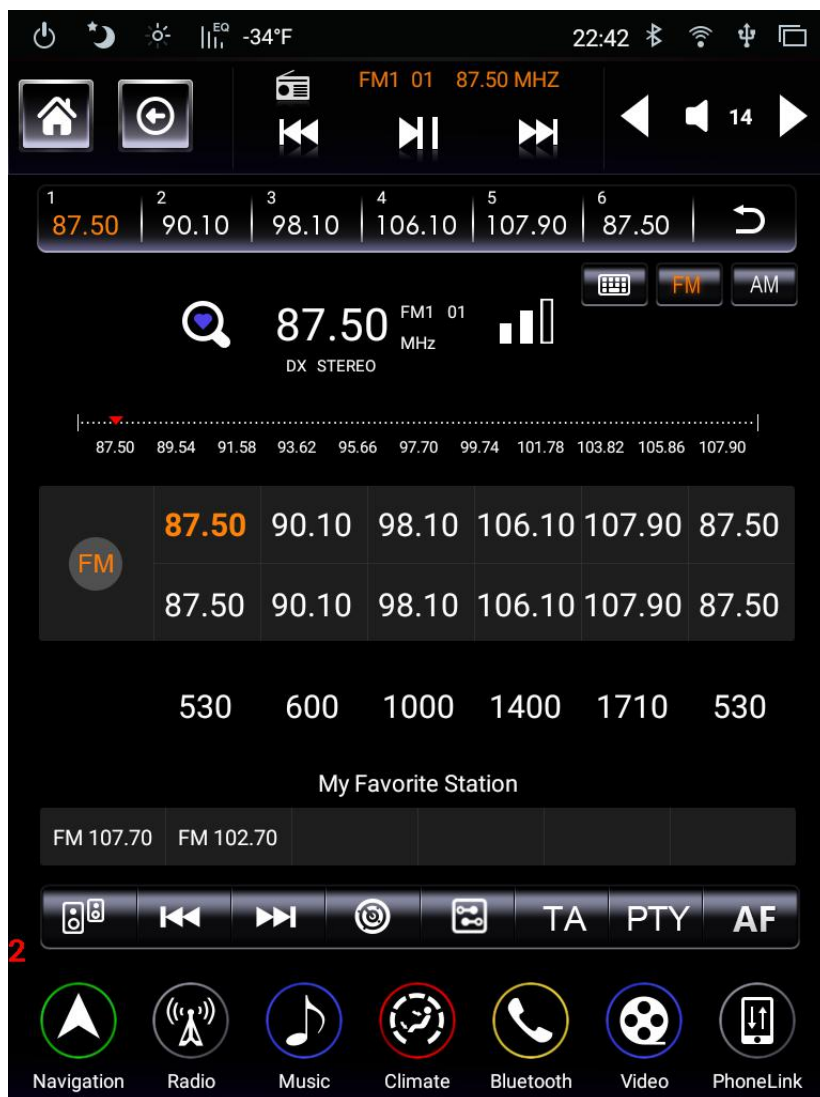




Radio

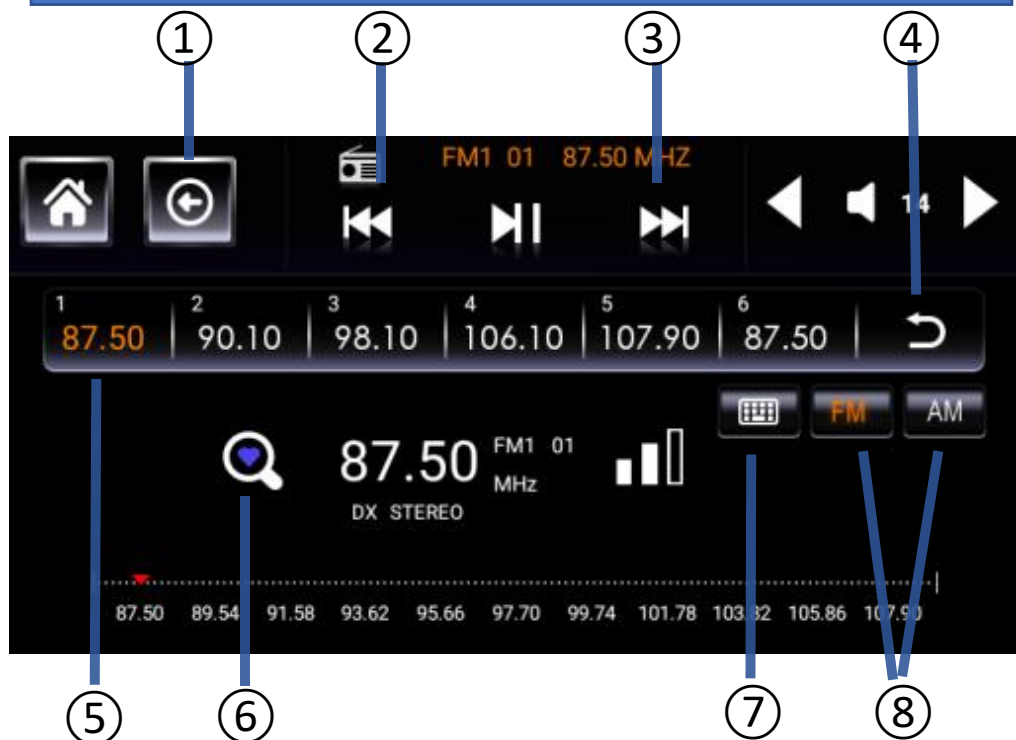
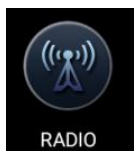


The radio icon will access the AM/FM radio.





Radio



①/④ :Back to last action.

②/③: Tune backward/forward

⑤:Current station,long press to save.

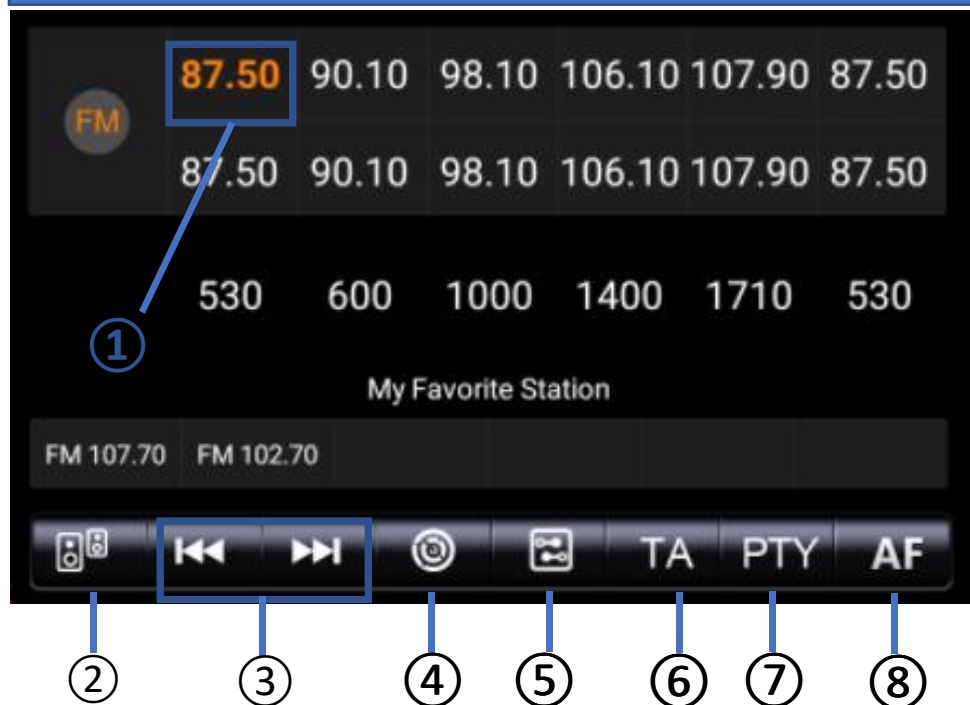
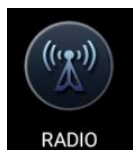
⑥:Long press to search the statations automatically.

⑦:Tap to Numeric keyboard,touch number to input frequency.

⑧:Tap to select one radio band FM / AM.



Radio



①: Current station, long press to save.

②: Tap to Stereo/Mono.

③: Tune backward/forward.

④: Tap to Local/DX station search.

⑤: Tap to EQ.

⑥: Tap to RDS radio search.

⑦: Tap to RDS radio programme types selection.

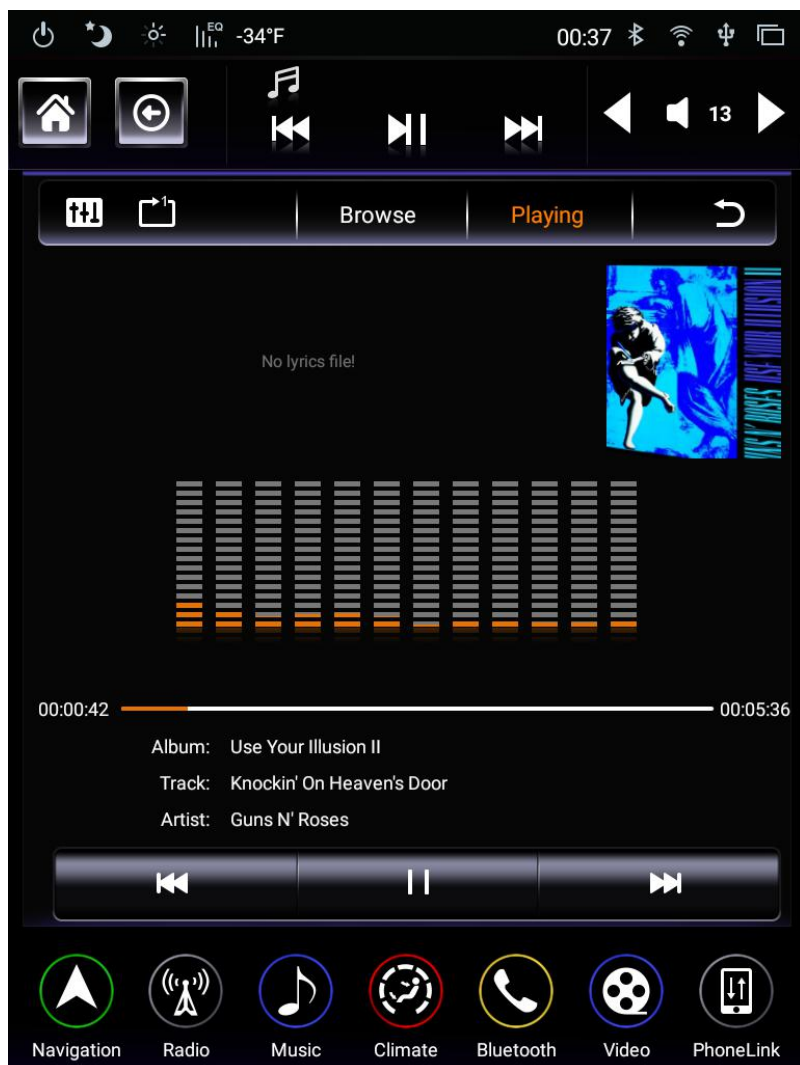
⑧: Tap to AF stations search.



Music

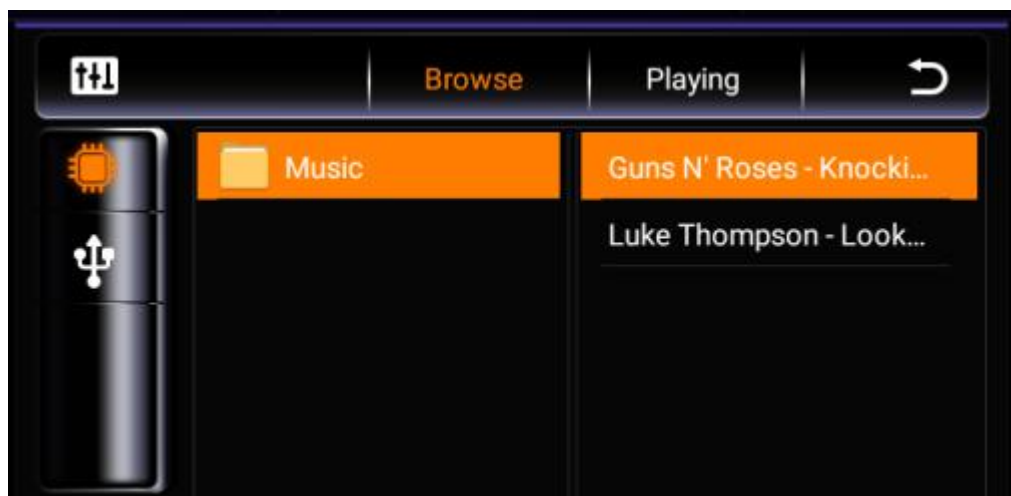


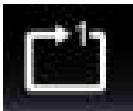
You can play music on your new system by using the USB to play songs from a USB stick, or downloading music from the USB stick onto the hard drive or on board SD.





Music



1. [] Tap to EQ.
2. [] Tap to Song/Floder repeat.
3. [**Browse**] Music files on the systems SD card,hard drive and removable USB.



Climate



You can access the climate controls by pressing any of the climate control icons located at the bottom of the display. .





Climate



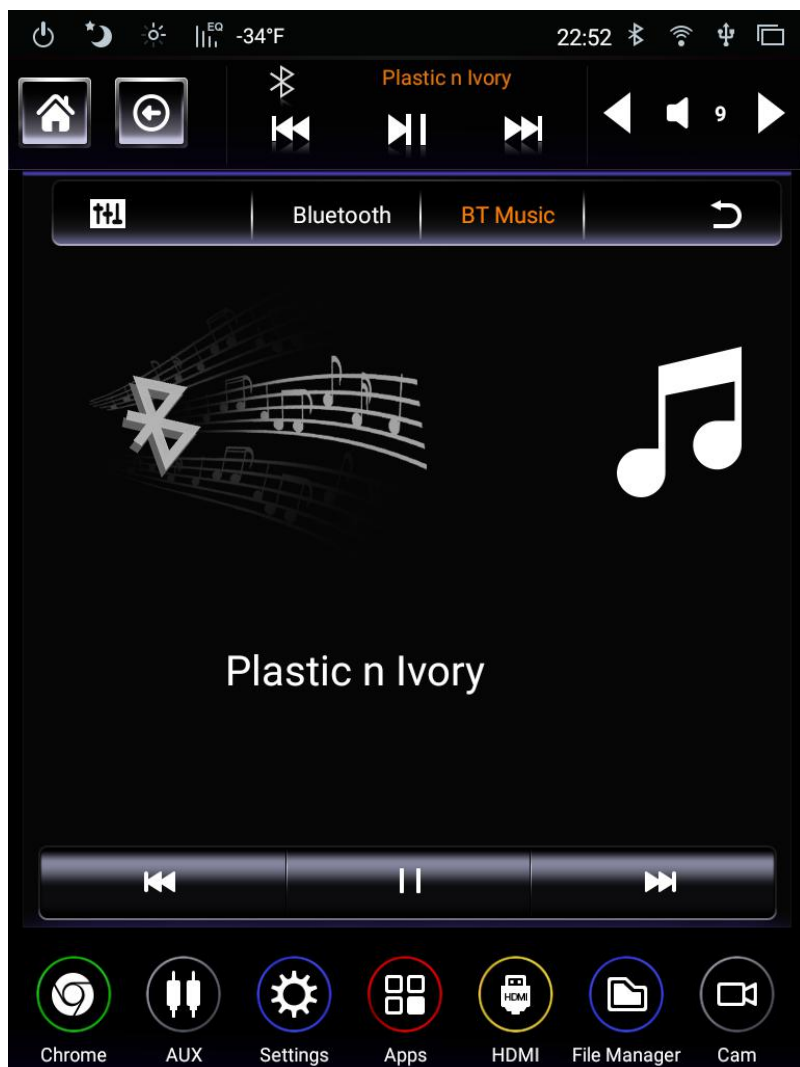
1. [] :Close climate controls.
2. []:Driver temp control.
3. []:Auto air on/off.
4. []:Max AC/off.
5. []:Recyle air.
6. []:Front defroster.
7. []:Rear defroster.
8. [] :Driver seat heater/cooler.
9. []:Steering wheel heater.
10. []:Dual Climate Control On/Off
11. []:Passenger seat heater/cooler.
12. []:Vent control.
13. []:Fan control.
14. []:Passenger temp control



Bluetooth



Use the Bluetooth to stream music from your phone.

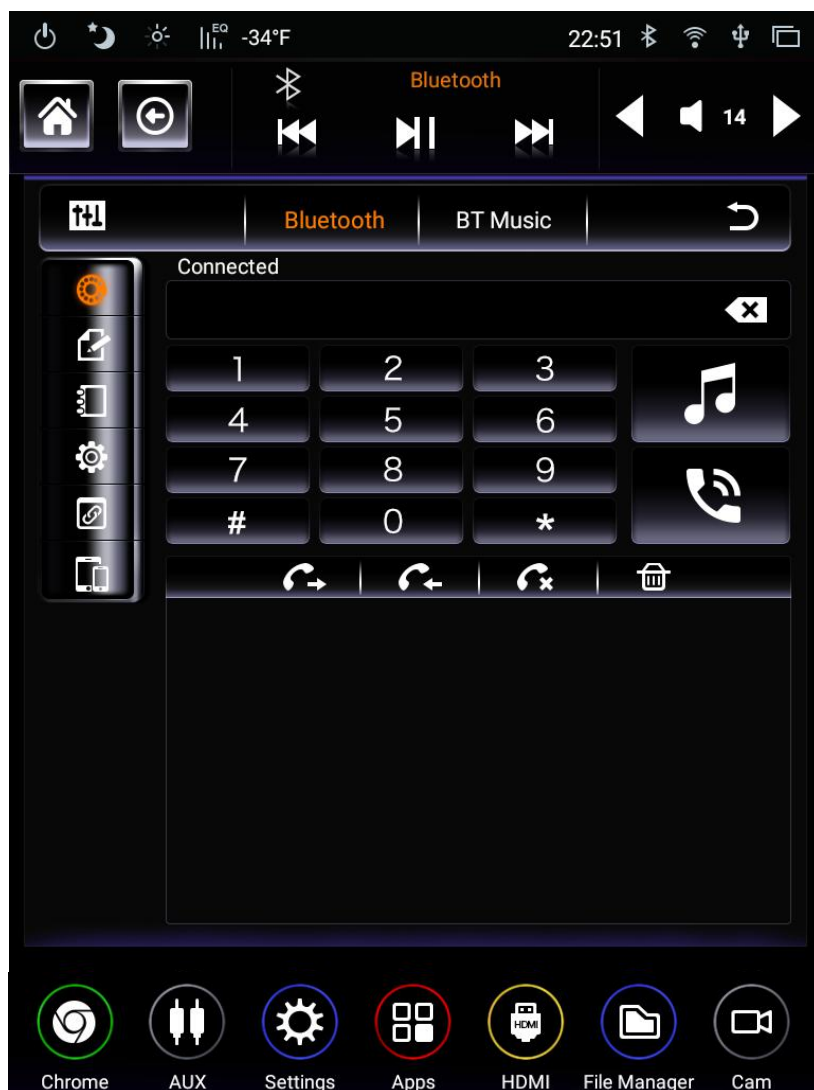




Bluetooth



Use the Bluetooth source to send and receive phone calls.





Bluetooth



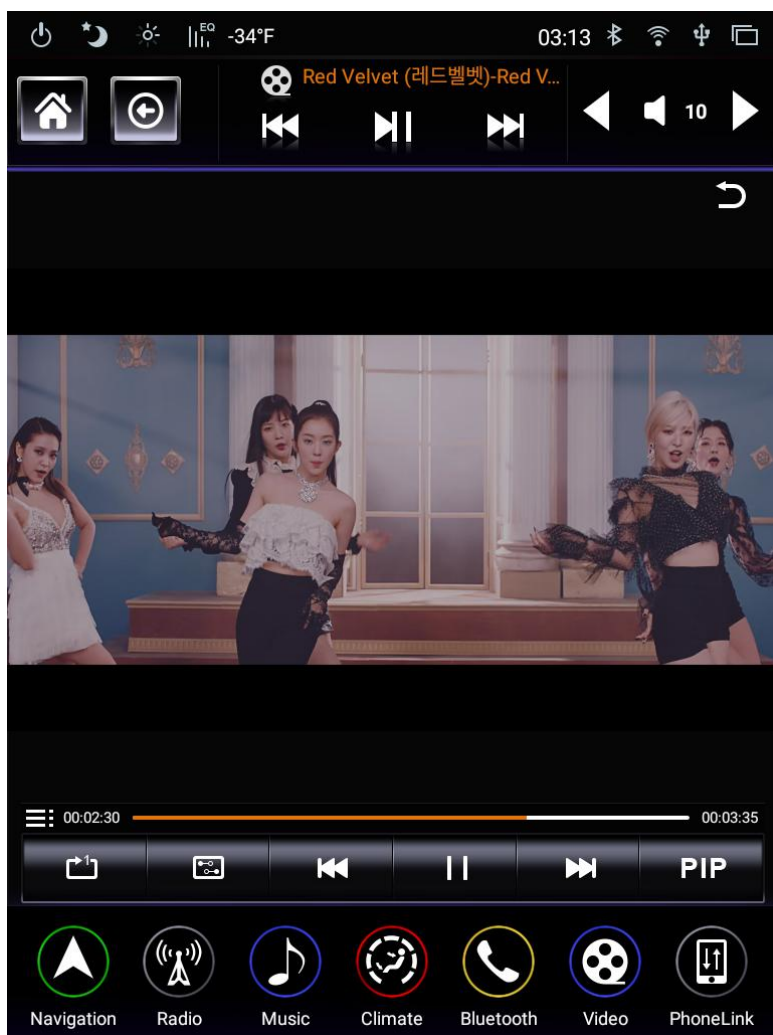
- 1.[]:Track Down.
- 2.[]: Track Up.
- 3.[]:Play/Pause.
- 4.[]:Number Dial.
- 5.[]:Call History.
- 6.[]:Contact List.
- 7.[]:Devices Search.
- 8.[]:Pair and disconnect phones.
- 9.[]:List of all pair devices.
- 10.[]:Bluetooth music.
- 11.[]:Bluetooth phone.



Video



You can play videos on your new system by using the USB to play videos from a USB stick, or downloading videos from the USB stick onto the hard drive or on board SD Card.

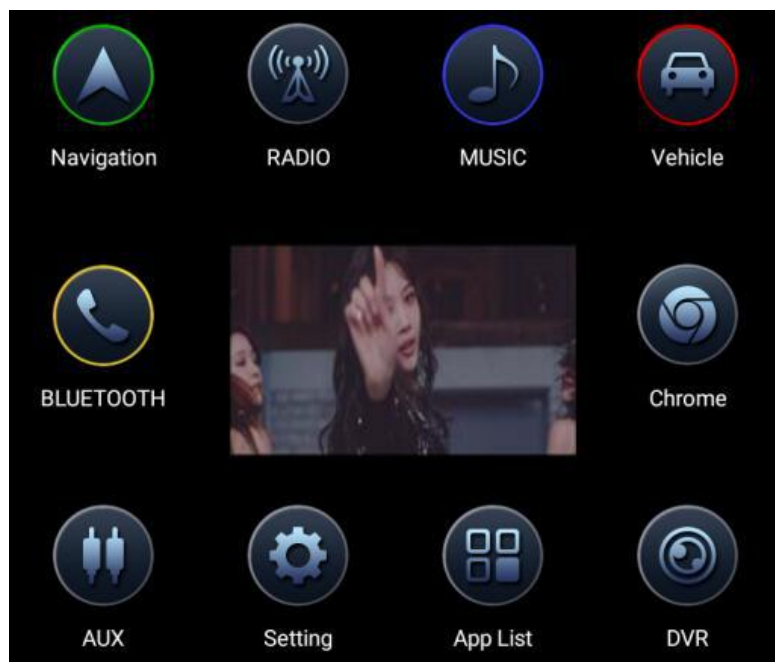




Video



1. []: Access Video Files (USB  / Hard Drive ).
2. []: Repeat progme selection.
3. []: EQ.
4. []: Video down.
5. []: Video up.
6. []: Play pause.
7. []: Picture in Picture, double tap the video playing exit out of pic turn in picture.



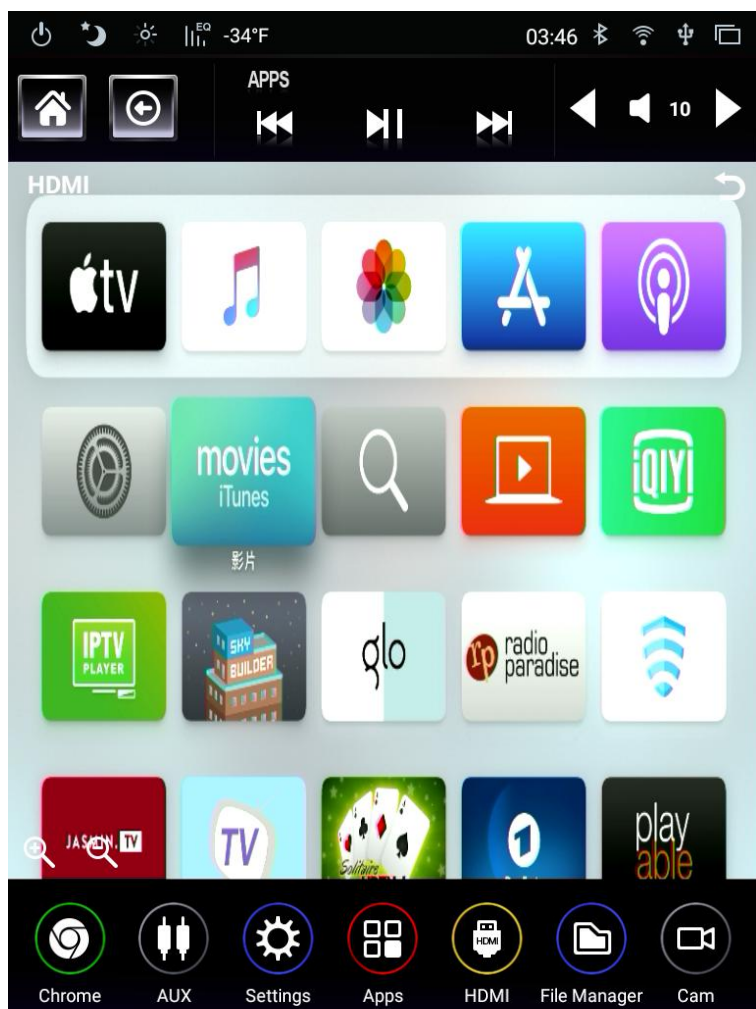


HDMI



Your new T-Style radio has an HDMI video/audio input. This source can be used to view any extra video source that uses standard HDMI connection.

All control of HDMI video input will be made at the source itself.

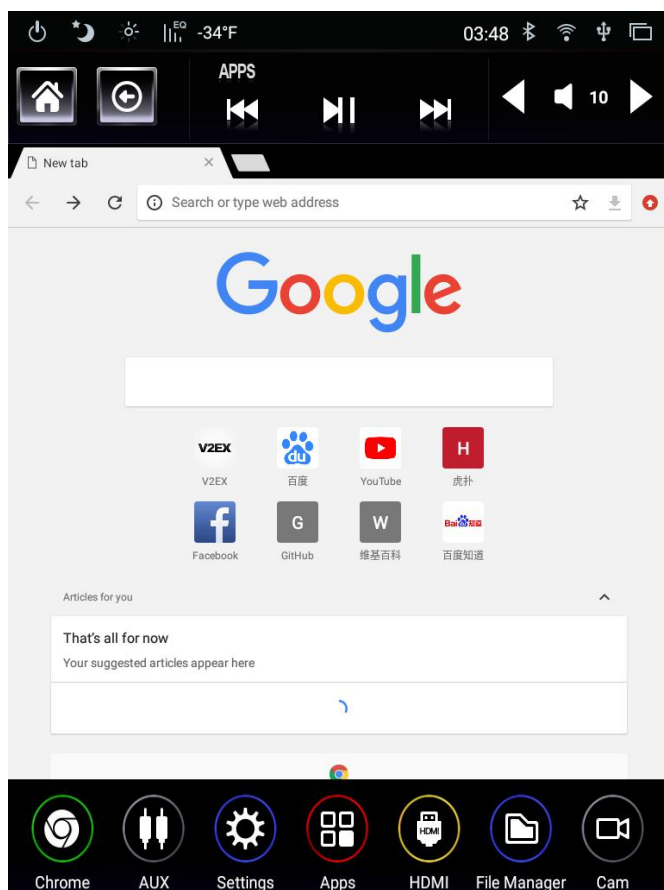




Web Browser



By using the hotspot on your cellphone you can use the Web Browser on your tablet just like you would your phone.



*****Use of your cell phones “hot Spot” feature is subject to data charges.*****

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Check with your cell phone provider for more details.



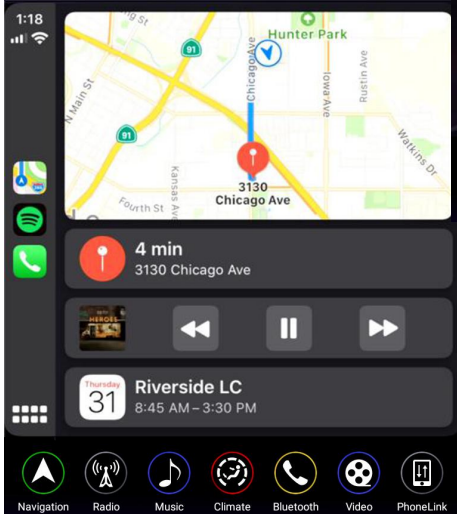
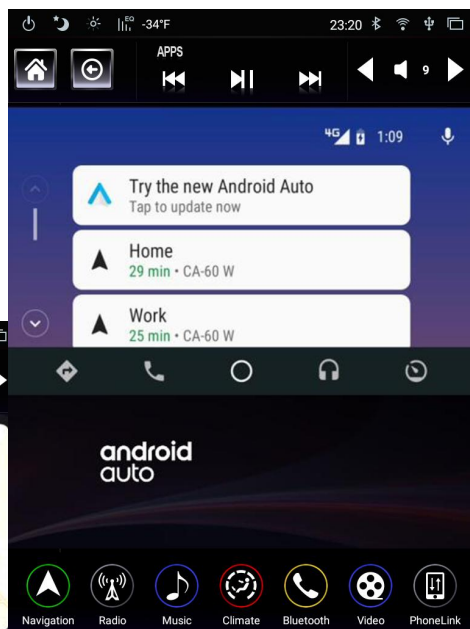
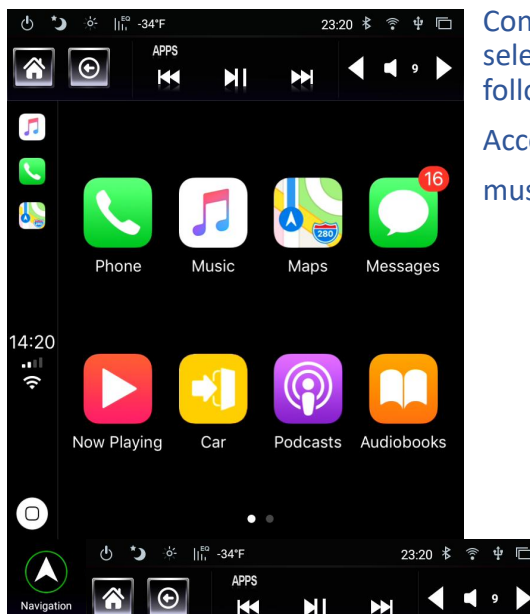
Phone Link



PhoneLink will allow you to use your phones application on your new T-Style radio by simply plugging your phones factory cord into the PhoneLink USB input.

Connecting your phone is simple. First select the PhoneLink source, then follow the on screen directions.

Access your phones text messages, music, podcast and applications.



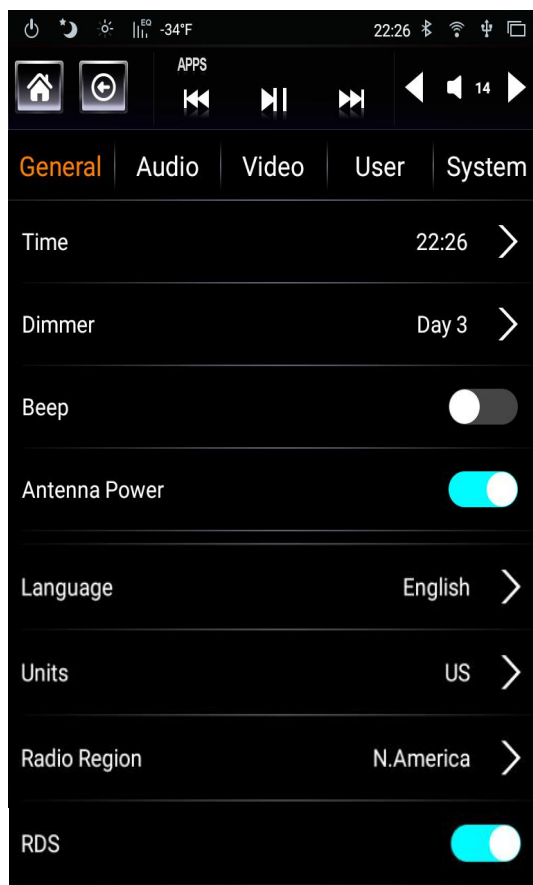
Use your phones navigation system in place of the IGO System or other maps.



General Settings



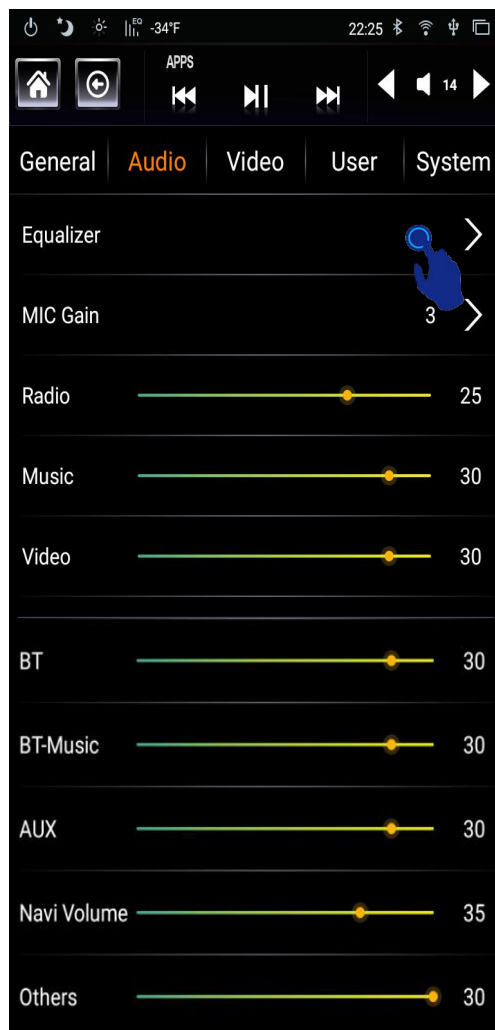
In the settings menu, you can adjust the basic settings for the different functions of the device to your requirements.



- **Time:** Set the Time, Time Zone, and Daylight Savings Time
- **Dimmer:** Set the Screen Brightness during the Day and Night
- **Beep:** Enable/Disable the Touch Tone
- **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)



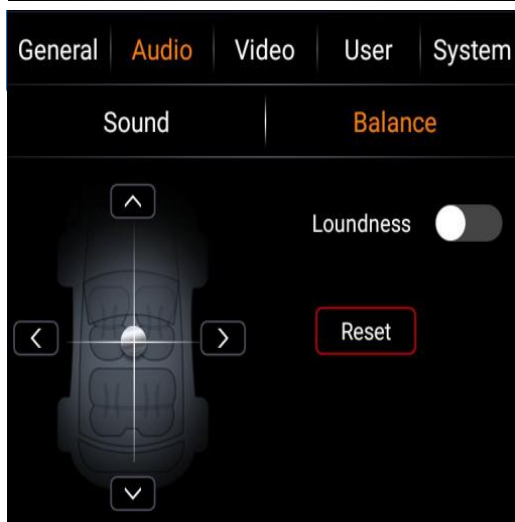
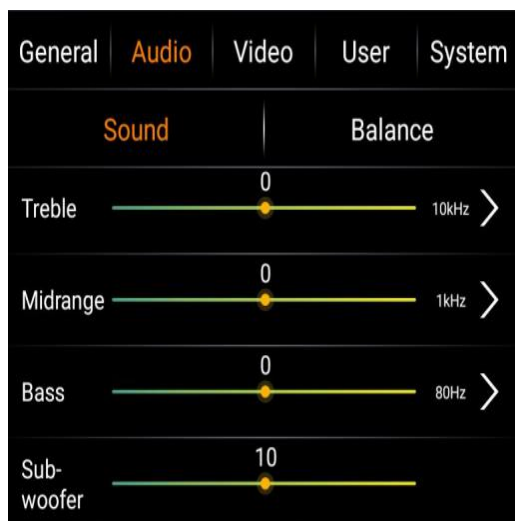
Audio Settings



- **Equalizer:** View Equalizer Settings (See Next page)
- **MIC Gain:** Change Microphone Gain settings (Echo Reduction)
- **Radio:** Change the FM/AM Radio volume
- **Music:** Change the Music volume
- **Video:** Change the Video volume
- **BT:** Change the Bluetooth Phone Call volume
- **BT-Music:** Change the Bluetooth Music volume
- **AUX:** Change the AUX Input volume
- **Navi Volume:** Change the Navigation voice volume
- **Others:** Change all other volume options



Audio Settings



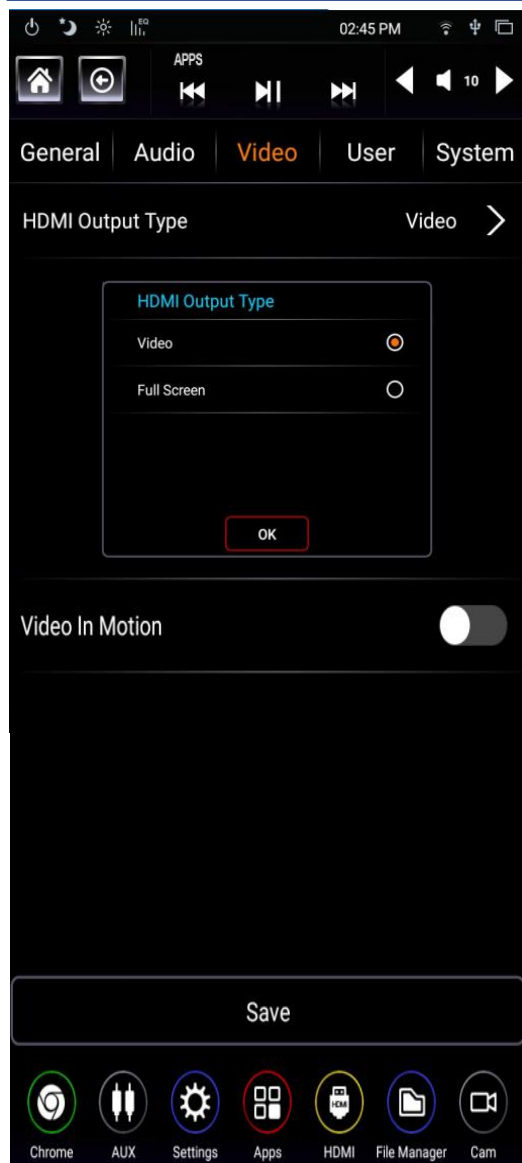
- **Loudness:** Enable “Loudness” mode
- **Reset:** Reset EQ to Default Settings

- **Sound:** Change EQ Sound Options
- **Balance:** Change Balance & Fader (See page 5)
- **Treble:** Change Treble volume/gain
- **10kHz*:** Change Treble Frequency
- **Midrange:** Change Midrange volume/gain
- **1kHz*:** Change Midrange Frequency
- **Bass:** Change Bass volume/gain
- **80Hz*:** Change Bass Frequency
- **Sub-woofer:** Change Subwoofer RCA output Volume
- **EQ:** Change EQ Preset

*Frequency numbers may change while altering settings



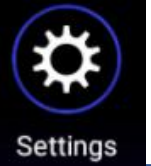
Video Settings



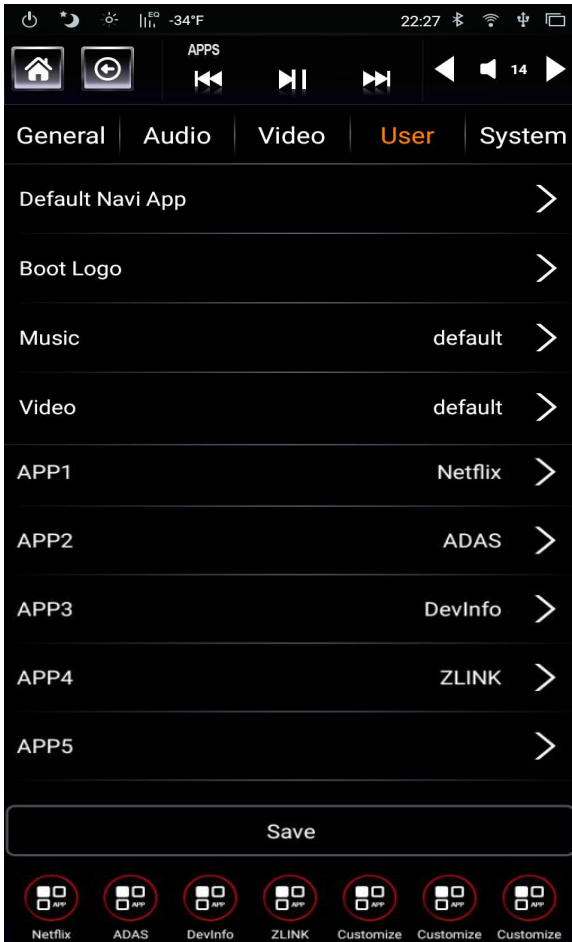
- HDMI Output Type: Change HDMI Output Mode
- Video: HDMI OUTPUT will output any video playing on the Radio
- Full Screen: HDMI OUTPUT will output the entire screen as a “Screen Mirror.
- Video In Motion Control: Video on/off when driving.



User Settings



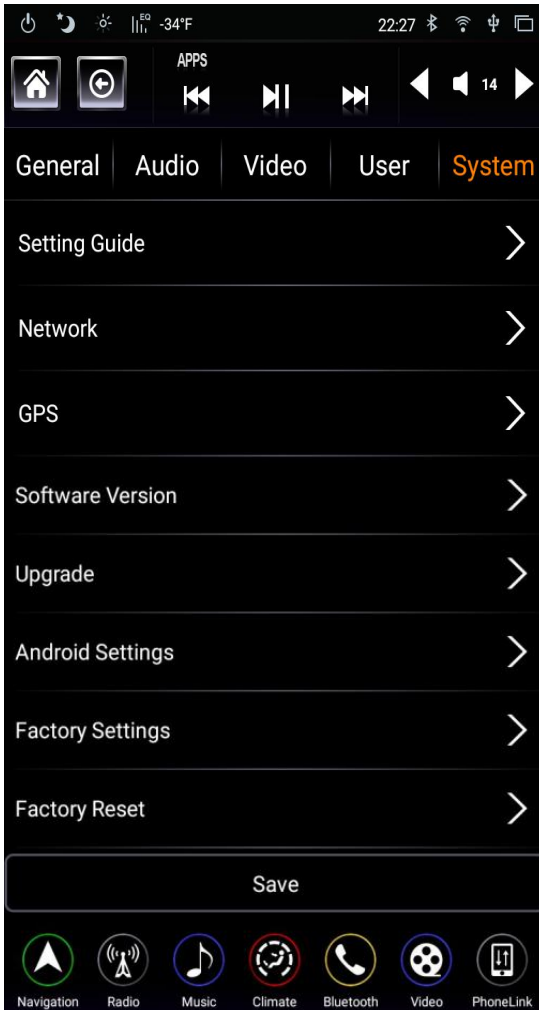
You can set up the favourite apps and boot up logo here.



- **Navi Customize:** Set the “Navigation” icon’s Application
- **Boot Logo:** Set the Radio’s startup boot image(The Image must be 768W x 1024H)
- **Music:** Change the Music app (Home Screen)
- **Video:** Change the Video app (Home Screen)
- **APPx:** Set the app in the custom home-bar



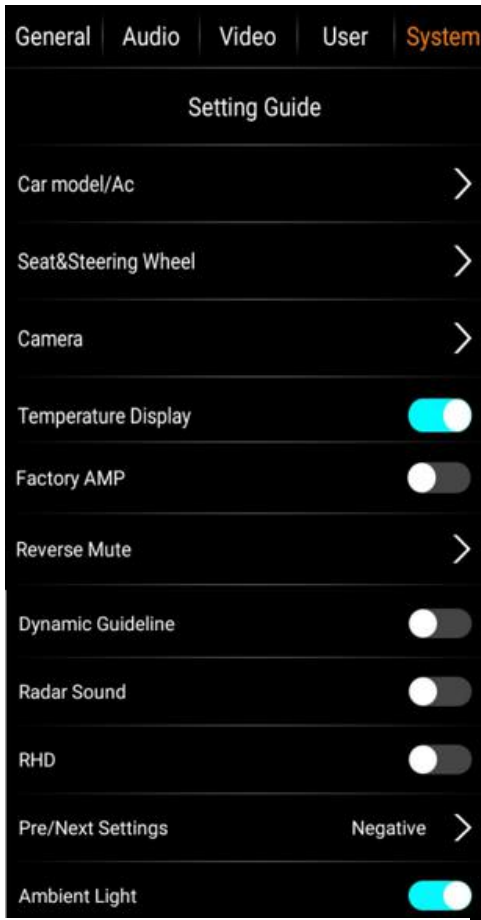
System Settings



- **Setting Guide:** Vehicle Setup (See setting guide item)
- **Network:** Connect the Radio to Wi-Fi
- **GPS:** Check GPS Signals
- **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)



System Settings



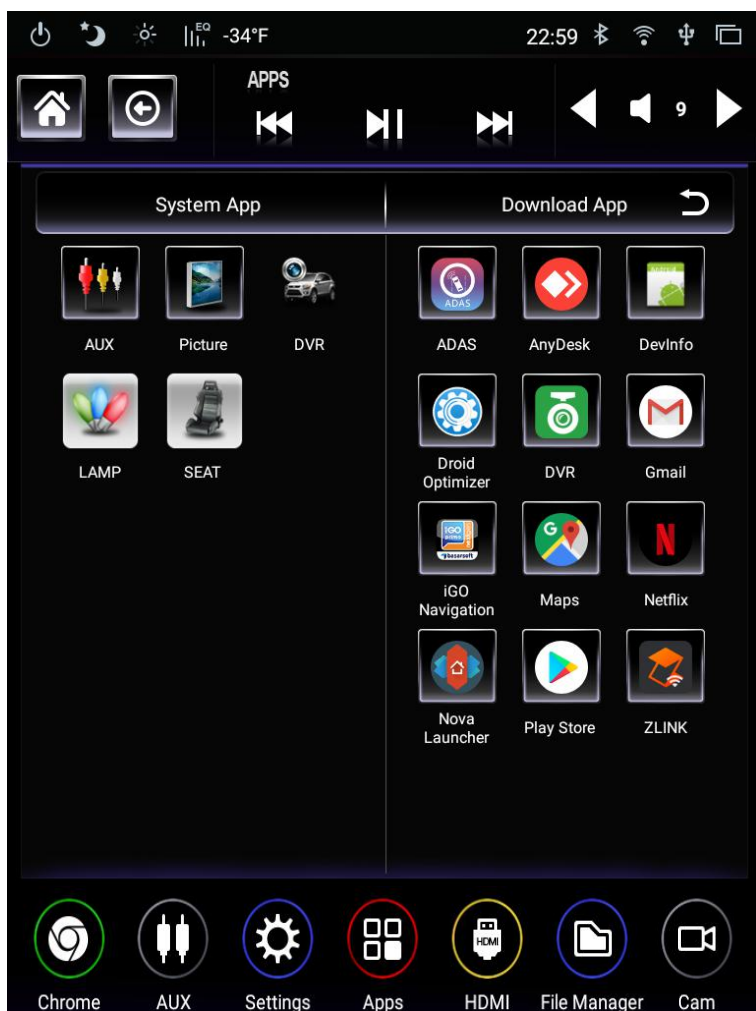
- **Car Model/AC:** Setup LO, MID, HI AC Vehicles (See Climate Setup)
- **Seat & Steering Wheel:** Heated/Cooled Seats & Heated Steering Wheel Settings
- **Camera:** FORD 360 Camera ON or OFF
- **Temperature Display:** Display Outside Temperature (If Available)
- **Factory AMP:** Lowers volume power (for Factory Amplifiers)
- **Reverse Mute:** Mute or Lower audio volume when vehicle is in reverse.
- **Dynamic Guideline:** Enable/Disable Reverse Lines (Added by our Radio)
- **Radar Sound:** Enable/Disable Reverse Proximity Sensors
- **RHD:** Right Hand Drive
- **Pre/Next Settings:** Steering wheel control seek button orientation
- **Ambient Light:** Enable or Disable Ambient Light Control App (FORD Only)



App list

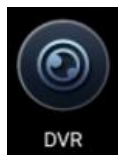


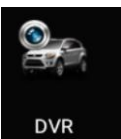
Your new T-Style Radio is itself an Android tablet. So when used with WIFI, either while parked in range of a hot spot or using your phones hot spot you can list the app stores to download a variety of applications.





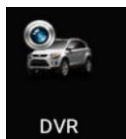
DVR (Optional)



Tap [], press [] to Start DVR.



Apps



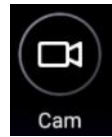
DVR

The DVR plugs onto one of the unit's USB inputs. The DVR also comes with ADAS driver assistance features including lane departure warning, stop and go traffic alert, and collision warning. You can control and playback of the DVR from your T-style radio.





Camera



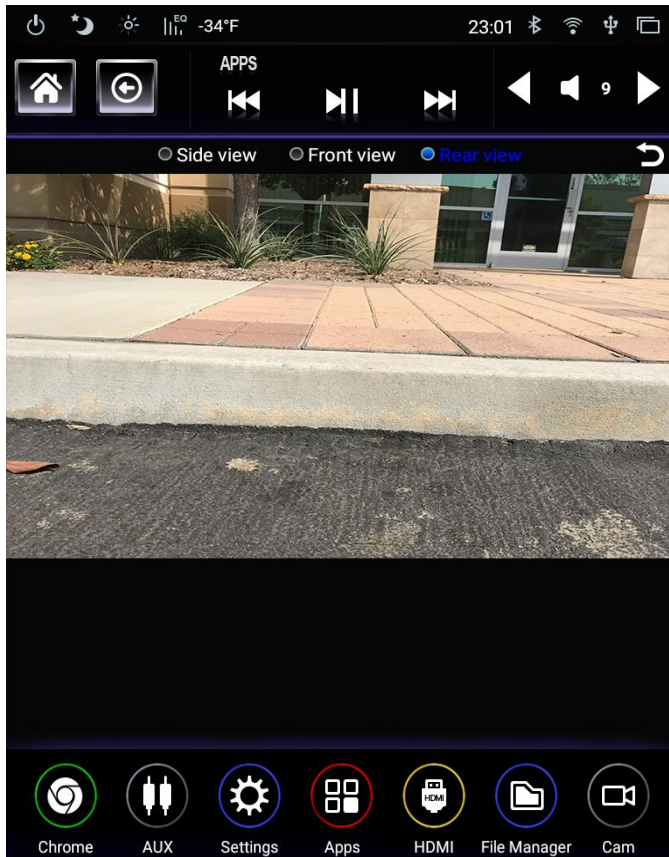
Your new T-Style radio comes with 3 camera inputs.

Back

Right

Front

The Right camera will automatically turn on when the vehicles right turn signal is activated it.



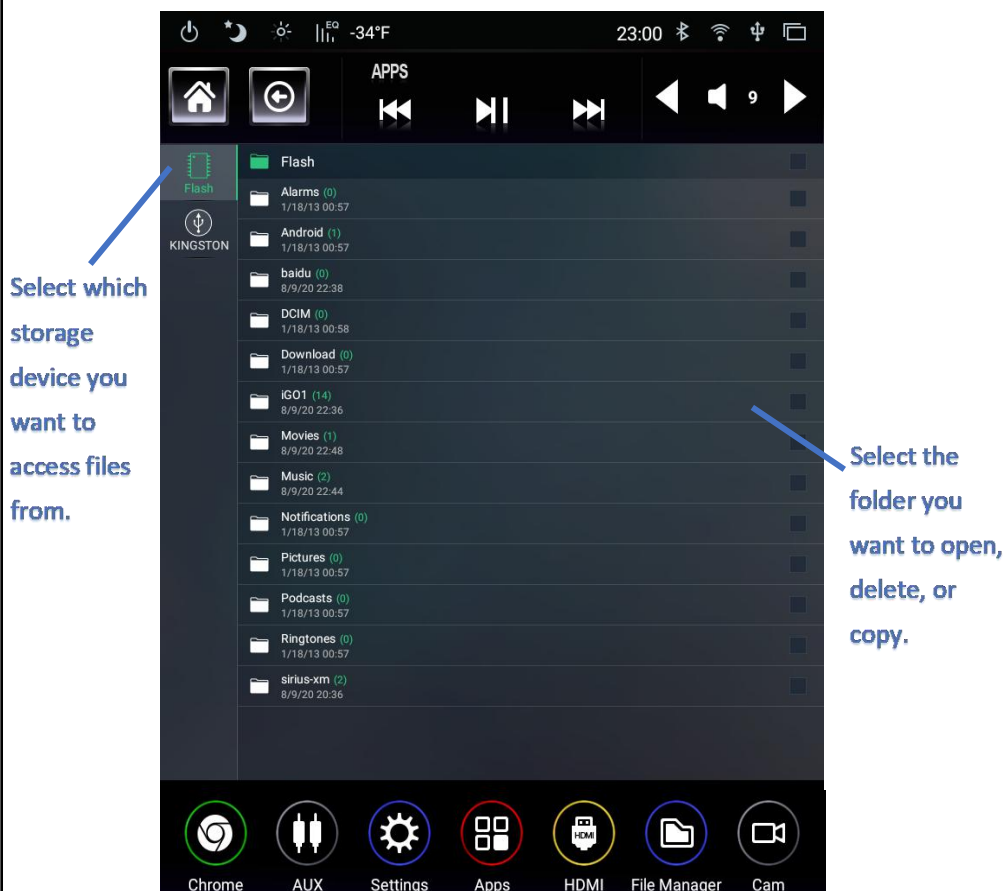
The Back camera will automatically turn on when the vehicle is in reverse.



File Manager



Use the File Manager to download, delete and move files from the hard drive, on board SD card and or USB drive.



****Use caution when deleting items****

****deleting certain files may render your unit inoperable ****



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, and

(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.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part15 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.⁴⁰



FCC Statement

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.



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