

# Installers! Five Important Steps For Installation

- 1** **Download the SRK-JW18EH Installation Manual:**  
<https://catalog.pac-audio.com/catalog/all-products/srk-jw18eh> or use the QR code.  
 The manual includes step-by-step instructions and color photos of vehicle disassembly, radio and vehicle connections, radio mounting and vehicle installation.
 
- 2** **Check/Update the HEIGH10 (UN1810) System Firmware:**  
 Once installed and powered-up, the System Firmware needs to be up-to-date and include the latest PAC Integration APK. Step-by-step instructions for checking and updating the System Firmware can be found on Page 4 of this Installer Set-Up Guide.
- 3** **Vehicle Specific User Guide:**  
 The included postcard should be given to the end user, but you may want to look over the User Guide to become familiar with all the vehicle specific user features and settings.
- 4** **Factory Amplified Systems:**  
 If the vehicle is equipped with a factory amplified sound system, follow the tuning steps on Page 15. Failure to correctly set up premium audio will result in not-so premium sound!
- 5** **Need Help?**  
 If you have followed 1-4 above, and still have questions, reach out to our Technical Support Team:  
 Phone: 727-592-5991  
 Email: [support@aampglobal.com](mailto:support@aampglobal.com)  
 Chat: [stingerelectronics.com](https://www.stingerelectronics.com)

## HEIGH10 (UN1810) / SRK-JW18EH Installer Set-Up Guide

This is a supplemental set-up guide for the UN1810 when integrated with the SRK-JW18EH Jeep Wrangler/Gladiator kit. This guide covers specific intergrated features and installer settings. Information regarding the general operation, features and settings of the HEIGH10 (UN1810) can be found in the Vehicle Specific User Guide.

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**RadioPRO**  
**ADVANCED**

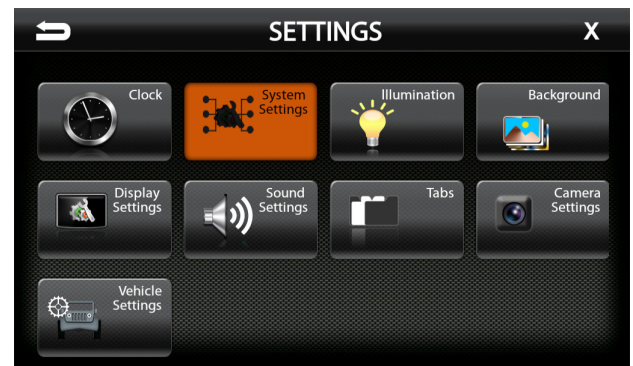
## Accessing the Installer Settings



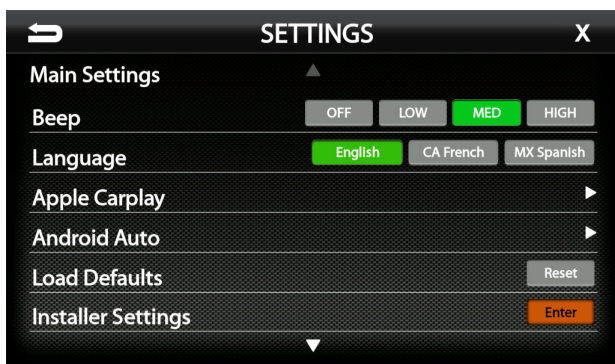
1. From any source, press the HOME Button



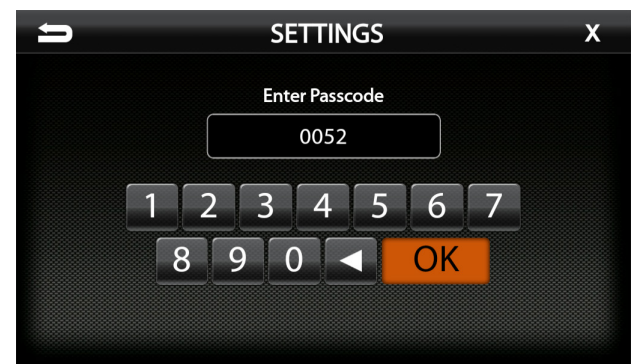
2. From the HOME MENU select **Settings**



3. Select **System Settings**

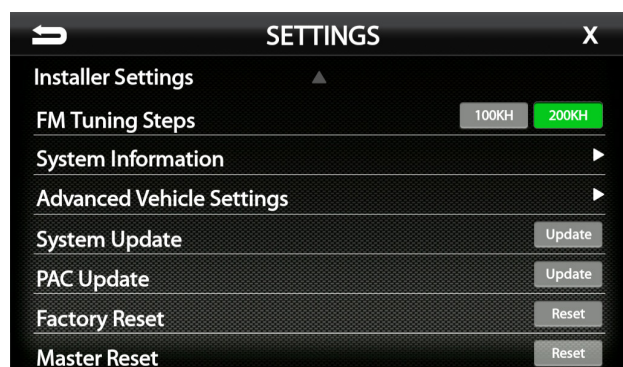


4. Select **Installer Settings** > **Enter**



5. Enter Passcode **0052** > **OK**

## Installer Settings



### FM Tuning Steps [100KH - 200KH]

Sets the FM radio tuning to 1 or 2 digit increments. USA is 200KH and Europe is 100KH.

### System Information

Select to view current firmware revision.  
(Page: 4)

### Advanced Vehicle Settings

Select to access system defined vehicle settings.

### System Update

Select to update system firmware.  
(Page: 5)

### PAC Update

Select to update PAC Integration APK.  
(Page: 9)

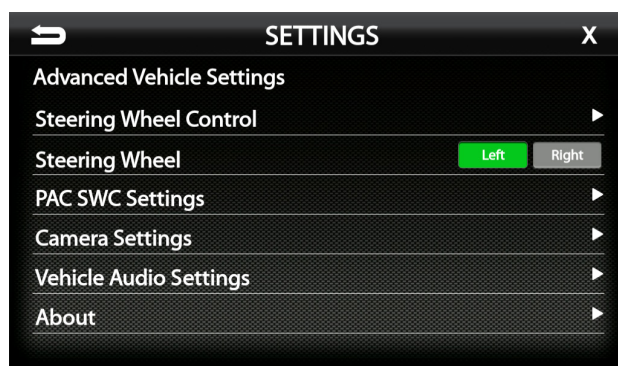
### Factory Reset

Resets radio to Vehicle Application maintaining any updated version on Integration APK.

### Master Reset

Resets radio to Universal Application wiping out any updated version of Integration APK.

## Advanced Vehicle Settings



### Steering Wheel Control

Universal SWC programming. (Not used when when linked to PAC interface).

### Steering Wheel [Left - Right]

Defines how user interface will be configured, mainly in Apple CarPlay.

### PAC SWC Settings

Select to access steering wheel control configuration. (Page: 10)

### Camera Settings

Select to configure cameras and triggers.  
(Page: 11)

### Vehicle Audio Settings

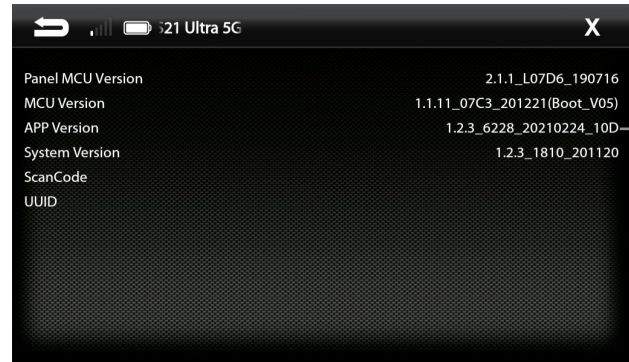
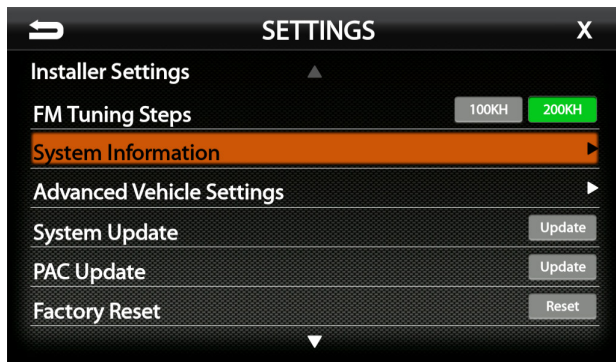
Select to configure factory audio settings.  
(Page: 14)

### About

Select to view/update PAC interfaces.  
(Page: 17)

## Checking System Firmware Version

Checking and updating the System Firmware and PAC Integration APK is an important step for proper operation. This should be done first before setting any system and vehicle settings as those settings may be lost after an update.



1. Access the Installer Settings (Page: 2) and select **System Information** to view firmware information.



2. The third line shows the APP Version. Note the APP Version and head over to the UN1810 product page on [stingerelectronics.com](http://stingerelectronics.com). Select the Firmware Tab on the product page. The most current firmware will be listed. The 8 digits of the APP Version is the firmware version date code (YYYYMMDD). If the date code of the installed firmware is older than the current firmware on the website, proceed to Updating System Firmware.

## Updating System Firmware

### 1. Format a USB Drive

Before copying the firmware file to a USB Flash Drive, the USB drive will need to be formatted to FAT32 / MS-DOS(FAT)

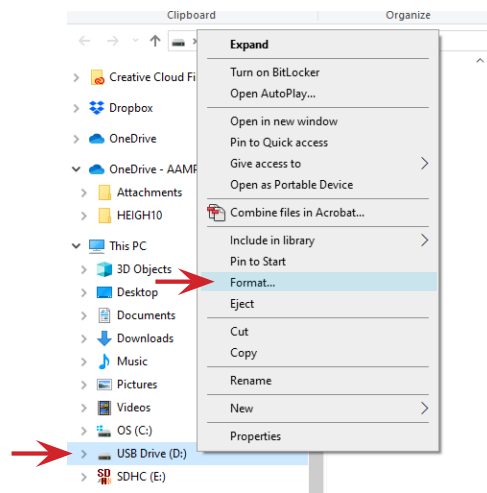
#### USB Drive Format: Windows PC

A. Insert a 4GB+ USB Drive

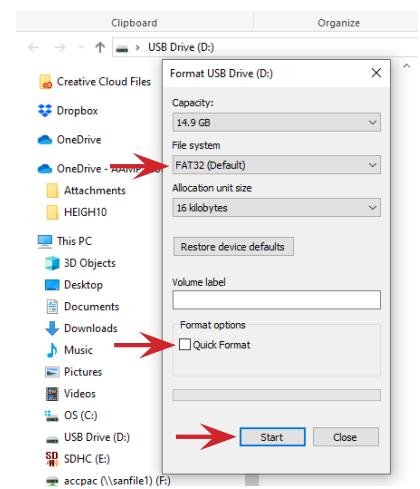
B. Open File Explorer



C. Right click on USB Drive & select Format



D. Select FAT 32 File System and un-check Quick Format and click Start.



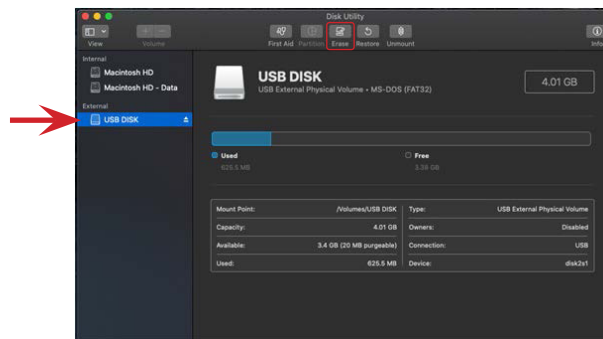
#### USB Drive Format: Mac

A. Insert a 4GB+ USB Drive

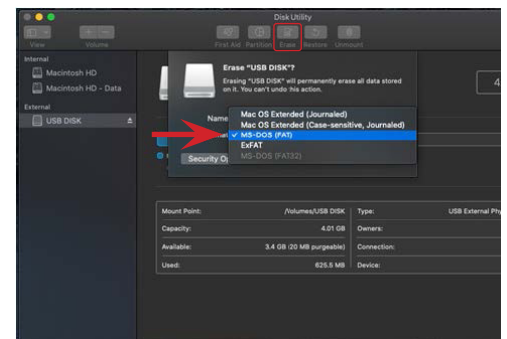
B. Launch the Disk Utility App from the Utilities folder



C. Select the USB drive from the "External" List and click Erase



D. Select MS-DOS(FAT) from the format drop-down menu and click Erase

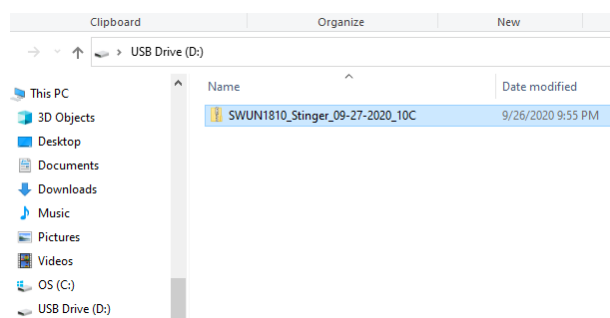


## Updating System Firmware (cont)

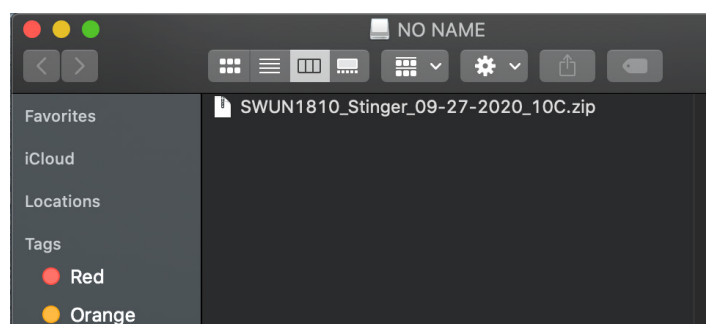
### 2. Download Firmware

Download the firmware file from StingerElectronics.com. Transfer the firmware file “as is” onto the formatted USB drive. The file must be in the root directory of the USB drive. **Do not unzip the file.** See example A for Windows and B for Mac.

#### A. Windows PC



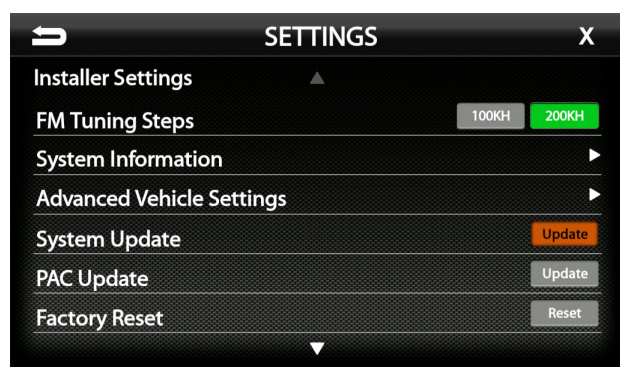
#### B. Mac



### 3. Install System Update

Insert the USB drive into either USB port on the radio.

NOTE: When updating the firmware, all settings will be reset to factory defaults.... station presets, EQ presets, audio/crossover settings, time alignment, camera settings. If need be, record this information before updating firmware.



A. Access the Installer Settings (Page: 2) and select **System Update**

The update will take 6-8 minutes.

**Do not attempt to stop the update. DO NOT turn off power. The system will be damaged if power is lost during the update process.**

## Updating System Firmware (cont)

### 4. System Reset

When the update is complete and display is on the Radio source, press the Reset Button on the face of the radio. The reset process takes 1-2 minutes, when completed, the unit will return to the Radio source.



### 5. Nap Time

Once the System Reset is complete, turn the vehicle off, remove the key, lock the car using the factory key fob, and let the vehicle sit for 10 minutes. This will ensure that the vehicle data-bus goes to sleep and the Integration APK will function as intended.

### 6. Confirm Firmware Update

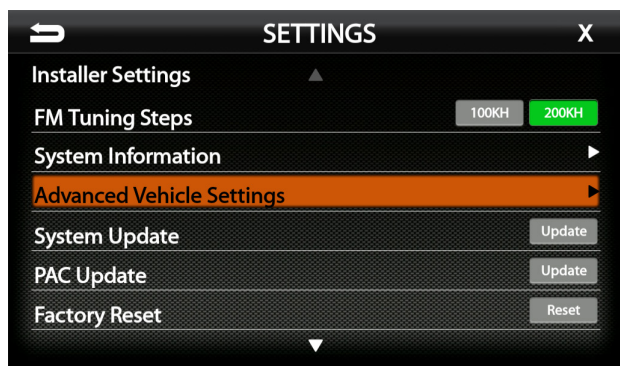
Confirm firmware update by following steps on page 4.

## Checking the PAC Integration APK Version

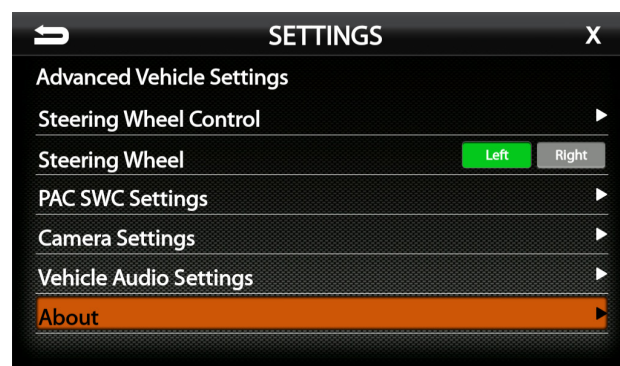
The PAC Integration APK is the application that controls vehicle specific features and settings.

Although the PAC Integration APK is included with the System Firmware, it can be updated independently as new vehicle specific features become available.

**NOTE!** If Advanced Vehicle Settings does not include the About option, the System Firmware needs to be updated to the current version (Page: 5)



1. Access the Installer Settings (Page: 2) and select **Advanced Vehicle Settings**



2. From Advanced Vehicle Settings select **About**

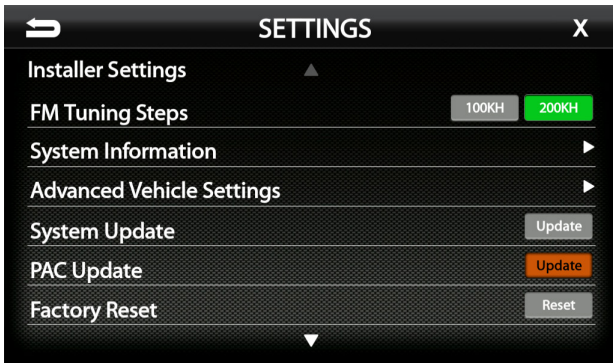


3. Note the App Version and head over to the UN1810 product page on [stingerelectronics.com](http://stingerelectronics.com). Select the Firmware Tab on the product page. The last digit of the App Version is the revision. If the revision number of the installed PAC Integration APK is older (smaller number) than the current revision on the website, proceed to Updating the PAC Integration APK.

**NOTE!** Using the Left/Right arrows on the About screen will cycle through all the PAC modules installed in the vehicle. See Page 16 for more information.

## Updating the PAC Integration APK

- A. Download the PAC Integration APK file and transfer to a USB drive.
- B. Insert the USB drive into either USB port on the radio.



- C. Access the Installer Settings (Page: 2) and select **PAC Update**.

D. Once the PAC Update is complete, turn vehicle off, remove the key, lock the car using the factory key fob, and let the vehicle sit for 10 minutes. This will ensure that the vehicle data-bus goes to sleep and the Integration APK will function as intended.

## Default Settings

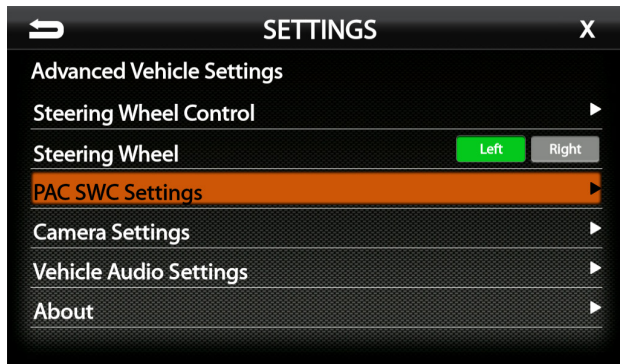
Once installed, the PAC Integration APK will recognize certain vehicle features and default to the appropriate settings. Icons will be added for Climate Control, Vehicle Info and Vehicle Settings. Steering wheel controls will be pre-programmed. Some settings can be modified as needed to match the installation and customer preference.

### Retains These Features, If Equipped:

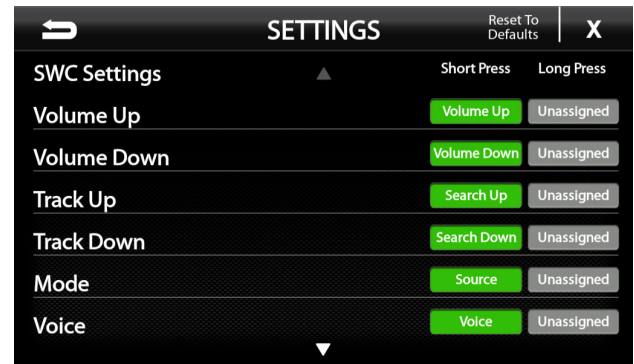
- All factory cameras in full high-definition
- Dual and single zone factory climate control
- Factory amplifier
- Factory USB ports
- Safety group chimes, including ParkSense®
- Steering wheel controls
- Auxiliary switch panel settings
- Heated seats / heated steering wheel
- On-screen vehicle settings menu

## PAC SWC Settings

The PAC interface allows retention and customization of the factory steering wheel control buttons. By default they will be programmed according to the factory functions. You may change the function or add Long Press functionality to any button. For example you can assign Long Press on Volume Down to activate Mute.



To view or change the default steering wheel control functions, select **Advanced Vehicle Settings > PAC SWC Settings** from the Installer Settings.



The default settings will be displayed. To change or add a SWC function, touch the corresponding Short or Long Press button assignment.



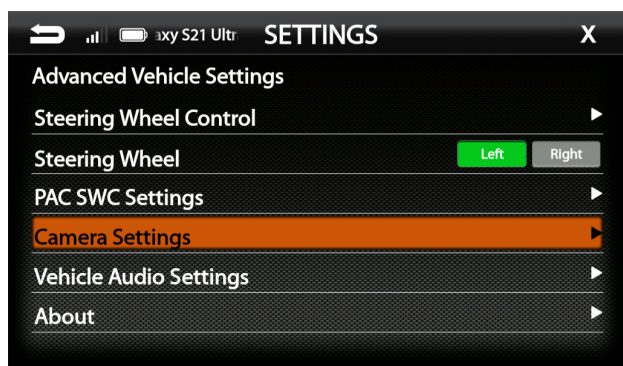
After pressing a button assignment, a menu of functions will be displayed, with the current function highlighted.



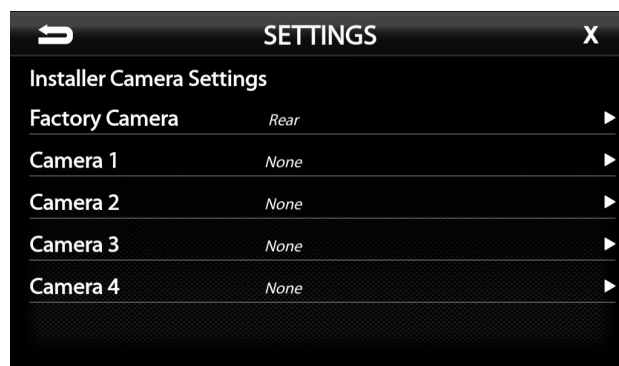
Select any of the functions shown to assign that function to the button.

## Installer Camera Settings

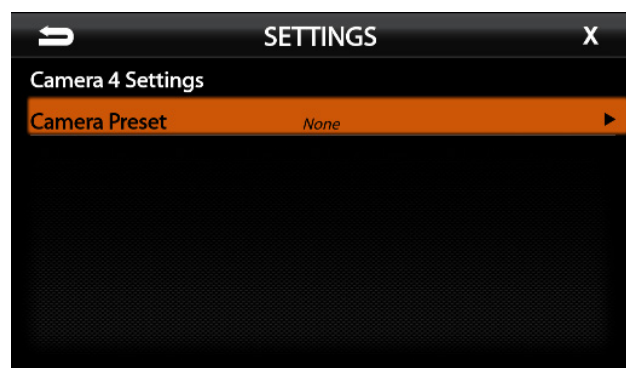
The SRK-JW18EH allows retention of the factory rear camera and factory front camera if equipped. Up to four additional cameras may be added with a variety of trigger options. Camera 1 corresponds to the *REVERSE CAMERA IN* RCA input, and Cameras 2, 3, 4 correspond to *CAMERA 2*, *CAMERA 3* and *CAMERA 4* inputs on the HEIGH10.



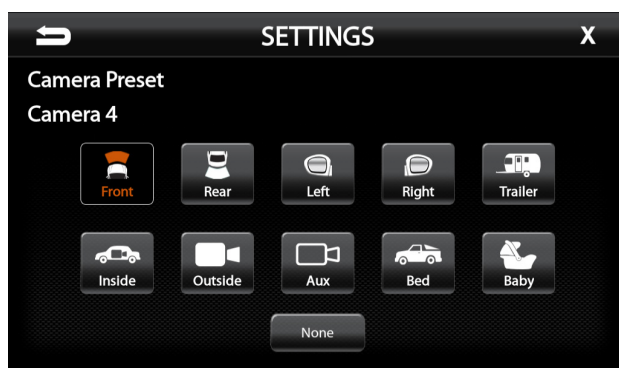
To view or change the camera settings, select **Advanced Vehicle Settings > Camera Settings** from the Installer Settings.



The Installer Camera Settings menu will display which cameras are active and camera location. Selecting any camera from the menu will bring up the corresponding Camera Settings page.



From the individual Camera Settings page, Camera Presets can be assigned and trigger parameters can be edited.



Selecting Front will activate and label Camera 4 as a Front camera. Use the Back arrow to edit any available trigger options.

### NOTE:

Disabling a Camera Preset trigger(s) is done in the User Camera Settings. Users can manually activate camera(s) and access certain settings when selecting the Camera source in the user interface.

For example, to bypass the turn signals activating a side camera is done in User Camera Settings.



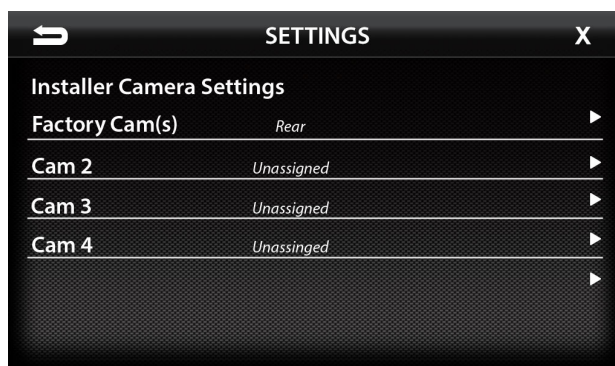
## Camera Presets

### Factory Cam(s):

The rear factory camera will automatically be detected and use reverse gear as the trigger.

If equipped with a factory front camera, it will also automatically become active.

The factory cameras can be accessed from the user Camera source.



### Camera Preset: Front

The Front preset will activate a camera whenever the vehicle is shifted into Drive and by steering wheel rotation (when Camera Park Assist is enabled).

#### Max Duration (Sec) [5–10–15]

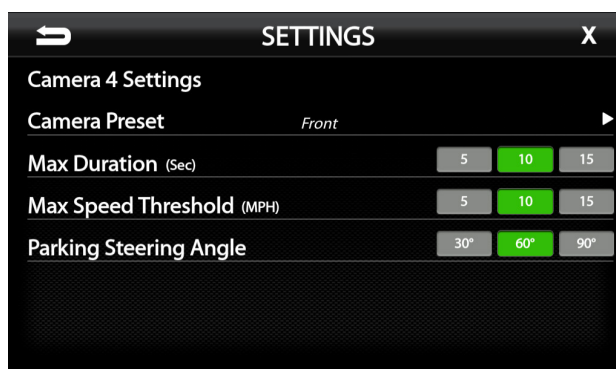
Sets duration, in seconds, that camera will be active when triggered.

#### Max Speed Threshold (MPH) [5–10–15]

Sets speed threshold for camera deactivation.

#### Parking Steering Angle [30°–60°–90°]

Sets steering wheel rotation for activating the camera when Park Assist is selected in the User Camera source.



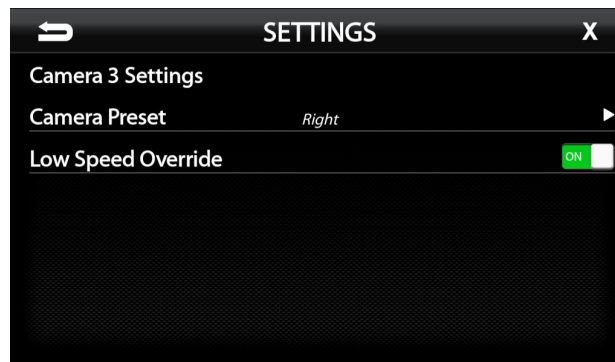
The settings shown above will activate a Front camera, when shifted into Drive, for 10 seconds or when vehicle speed reaches 10mph. If Park Assist is active, the Front camera will activate whenever steering wheel rotation is 60° or more.

### Camera Preset: Left / Right

Activates left or right camera whenever the turn signal is active.

#### Low Speed Override [ON-OFF]

When set to ON, camera will only trigger when vehicle speed is over 3 MPH and automatically shut off an active camera when vehicle speed falls below 3 MPH.



The settings shown above will activate the Right Camera for as long as the turn signal is active and vehicle speed is over 3 MPH.

## Camera Presets (cont.)

### Camera Preset: Bed

Allows the turn signals to activate the Bed camera for blind spot viewing in addition to manual activation.

### Turn Signal Trigger [LEFT-RIGHT-BOTH]

Sets status of turn signals for camera activation.

### Low Speed Override [ON-OFF]

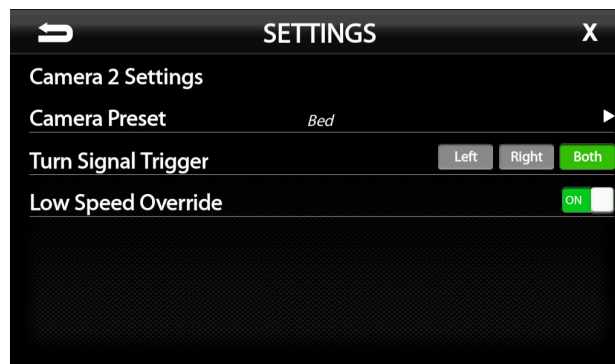
When set to ON, the turn signals will only trigger the camera when vehicle speed is over 3 MPH and automatically shut off an active camera when vehicle speed falls below 3 MPH.

### Trailer, Inside, Outside, Aux, Baby Presets

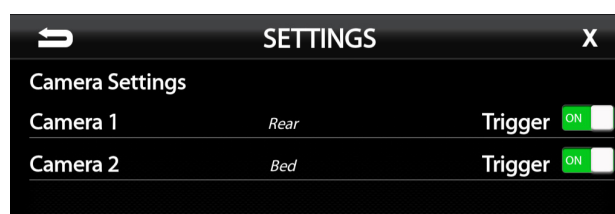
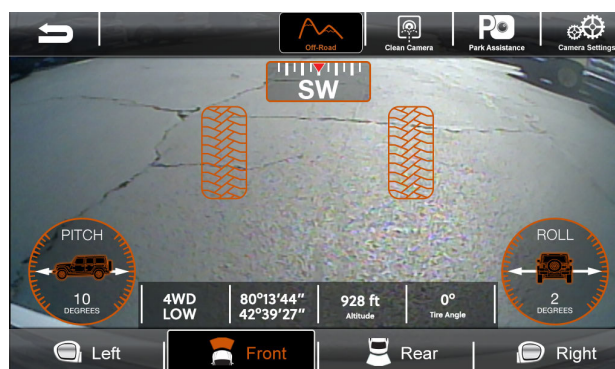
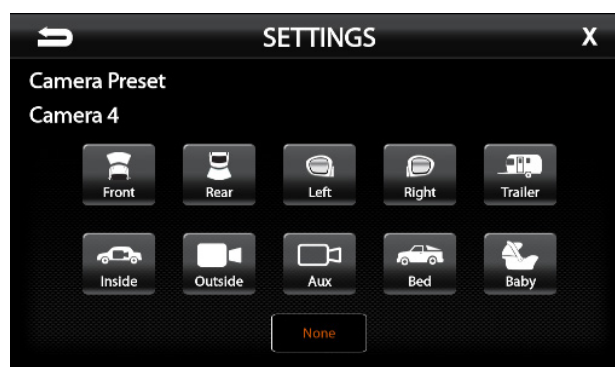
The remaining presets allow labeling of various cameras. These presets require manual camera activation using the Camera source. There are no trigger options

### User Camera Settings & Views

Refer to the SRK-JW18EH User Guide for user camera options.



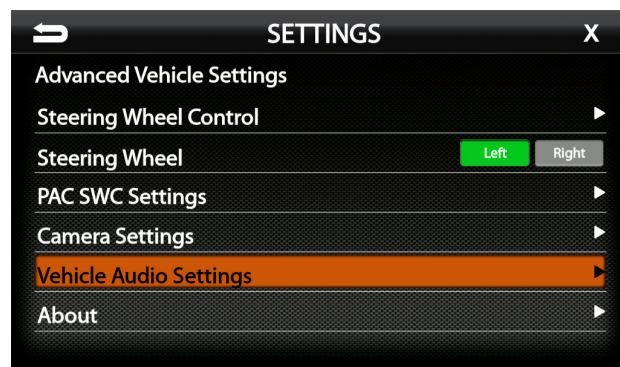
The settings shown above will activate the Bed Camera for as long as the turn signal is active and vehicle speed is over 3 MPH.



## Vehicle Audio Settings

If the Jeep is equipped with premium sound (amplified), Vehicle Audio Settings will be present in the Advanced Vehicle Settings.

To view or change the default factory audio settings, select **Advanced Vehicle Settings > Vehicle Audio Settings** from the Installer Settings.



### Factory Amplifier [ON-OFF]

When set to ON, factory crossovers and time correction are retained and the UN1810's crossovers and time correction are disabled. Set to OFF to enable the UN1810's crossovers and time correction.

### Factory Amplifier Gain [-5 - +5]

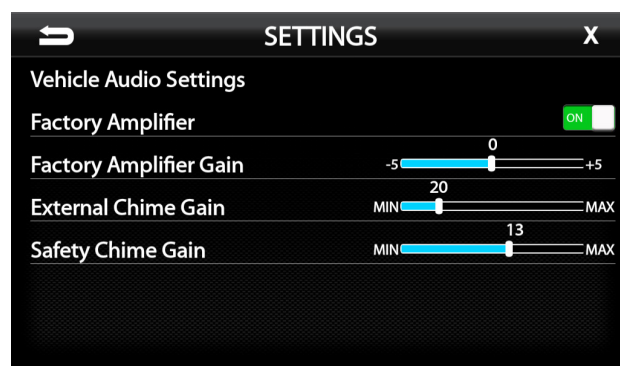
Adjusts the gain of the factory amplifier up or down.

### External Chime Gain [0-100]

Sets the chime level of the external speaker if installed.

### Safety Chime Gain [7-17]

Sets the gain level of the factory chimes.



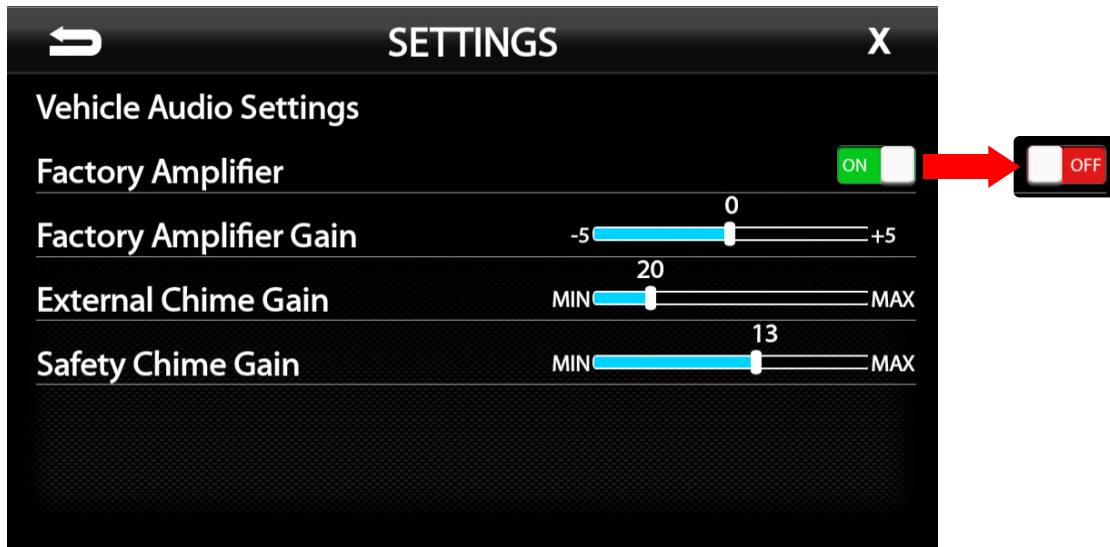
## Factory Amplified System Settings

Note: The factory sound system crossover and time correction points are pre-tuned from the factory and saved on the factory amplifier and cannot be changed.

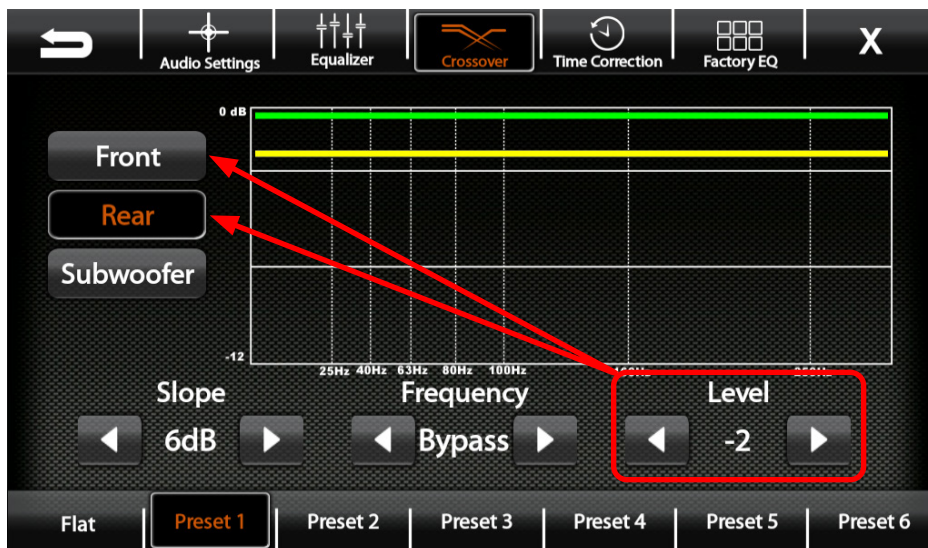
When the SRK-JW18EH is installed in a Jeep Wrangler JL/Gladiator JT with a factory amplified system, crossover and time correction adjustments will not be available by default. If any adjustments are needed for either settings, the "Factory Amplifier" will need to be set to "OFF".

Follow the instructions below to set the factory amplified system tuned to the recommended settings.

1. Turn the factory amplifier "OFF". Access the Installer Settings then Advanced Vehicle Settings > Vehicle Audio Settings > Factory Amplifier (OFF)



2. Now with the Crossover setting available set the Level for Front and Rear to -2  
Home > Settings > Audio Settings



## Factory Amplified System Settings (cont.)

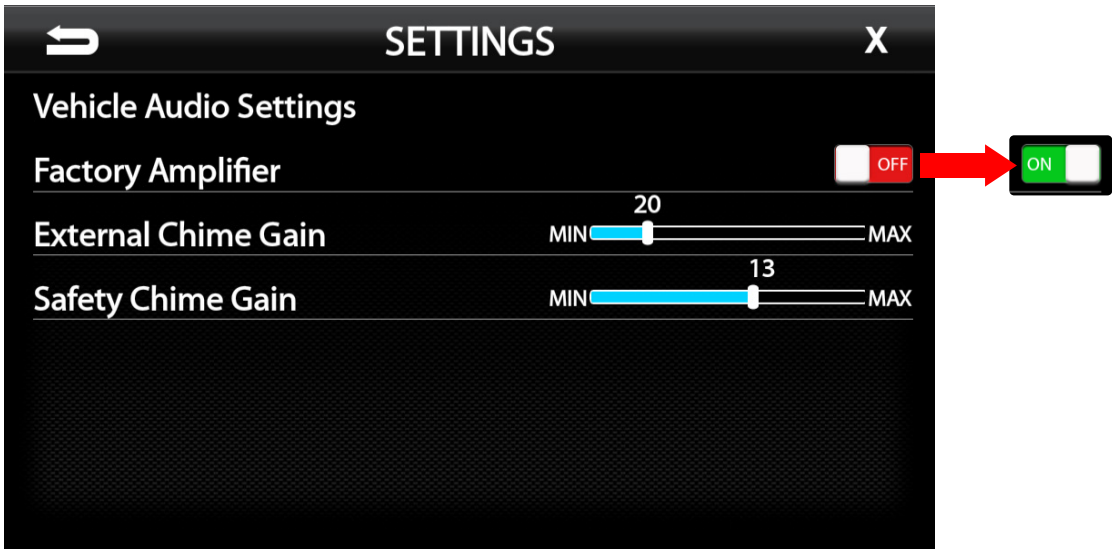
3. Set the EQ curve as recommended below and save it to Preset 1.



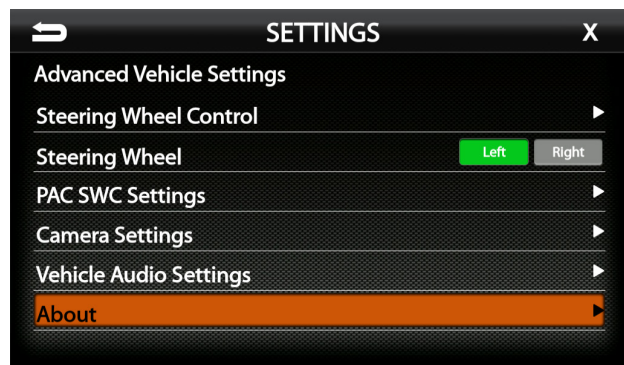
EQ Curve Values

| 25Hz | 40Hz | 63Hz | 100Hz | 160Hz | 250Hz | 400Hz | 630Hz | 1k | 1.6k | 2.5k | 4k | 6.3k | 10k | 16k |
|------|------|------|-------|-------|-------|-------|-------|----|------|------|----|------|-----|-----|
| +5   | +3   | +2   | 0     | +2    | 0     | 0     | +1    | +3 | 0    | 0    | 0  | +2   | +4  | +5  |

4. Turn the factory amplifier back "ON" to prevent any unwanted changes to the Crossover. Access the Installer Settings then Advanced Vehicle Settings > Vehicle Audio Settings > Factory Amplifier (ON)



## About (PAC Information)



To view or update the PAC Integration modules, select **Advanced Vehicle Settings > About** from the Installer Settings.

Swipe or use the Left / Right arrows to cycle through the installed PAC Modules

### PAC Integration APK

To update the PAC Integration APK, see Page: 7

### RadioPro Advanced / PAC-LINK / RPA-HD1

#### Reset:

Causes module to reboot/power cycle.  
Any settings the module has will be maintained.

#### Factory Reset:

Causes any settings in the module to be defaulted and then rebooted.

#### FW Update

To update a PAC module using the UN1810 USB ports, download the appropriate firmware from PAC-Audio.com and transfer to a USB drive. Insert the drive into either UN1810 USB ports. Select the module from the About section and select FW Update.









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