

Stinger

12"
Infotainment
System

Wireless

Works with
Apple CarPlay
Works with
Android Auto

PN: SRX-GM19128



HORIZON 12™

SRX-GM19128 USER GUIDE

FIND YOUR **HORIZON12**

You're ready to take on any adventure with your Stinger HORIZON12 radio kit!

Additionally, your new SRX-GM19128 kit enables you to replace a GM Truck factory radio with a show-stopping 12-inch multimedia infotainment system while retaining OEM features and maintaining a flush, factory look and feel!

About this document

This document covers features added to the HORIZON12 by your SRX-GM19128 kit. If you need to reference the HORIZON12 user guide, you can find it by scanning the QR code.

<https://stingerdrive.com/pages/horizon12-product-info>



HORIZON12 USER GUIDE



WELCOME TO YOUR NEW

HORIZON¹²™

SRX-GM19128 USER GUIDE CONTENTS

Basic Operation	4
Climate Controls	6
Vehicle Info	10
Recolor	11
Gauges	12
Performance	13
Off-Road	14
User Settings	15
Cameras	16
Vehicle Settings	20
Vehicle Overlay	21
Widget Panel	22
Factory USB Ports	25
PAC Steering Wheel Controls	26
Updating System Firmware	27
Troubleshooting	29

The Basics

Home Menu
Tap: Launch selected app
You can press and hold a menu item to move it from this screen.

Clock
Tap: Adjust Clock Settings

Navigation Button
Tap: Access Navigation
When iGo Navigation is installed, tap for iGo
Tap and Hold for Phone Navigation

Tune/Track Down Button
Media control: Previous, Back, Seek
Press & hold function in select sources

Reset Button

Favorite Button
Tap : Launch your selected favorite application
Set your favorite app in **Settings**

Home Menu Button
Tap: Access the Home Menu
Dimmed menu items are not selectable.

Power
Tap to turn display off. Long press to put radio to sleep

Volume Control
Tap to adjust Volume Up/Down
Press to Mute/Unmute
Press & Hold to Sleep / Wake Unit

Multifunction Knob
Turn to adjust Volume Up/Down
Press to Mute/Unmute
Press & Hold to Sleep / Wake Unit

Voice Button
Launches voice control

Manual HVAC controls



A pop-up notification will appear on the screen whenever you adjust the controls.

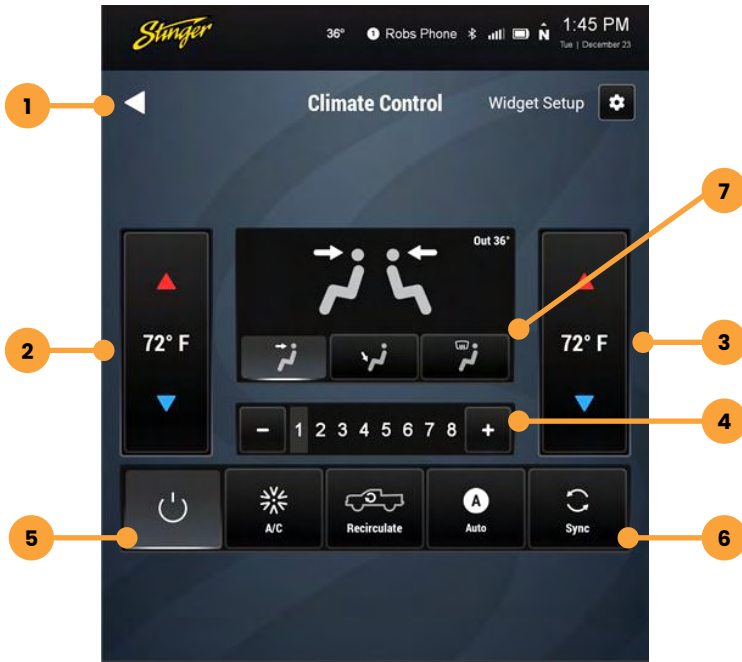
Dual Zone HVAC controls



You can also control the Dual Zone HVAC on-screen using the Climate app.

Climate Control

(Dual Zone)



Press the **HOME BUTTON** > **Climate** to access Climate Controls.

1. Back Arrow

Touch to exit climate controls.

2. Driver-Side Temp Control

Displays the current temperature setting and allows the driver to increase or decrease the temperature on the driver side.

3. Passenger-Side Temp Control

Displays the current temperature setting and allows the passenger to increase or decrease the temperature on the passenger side.

4. Fan Speed

Increase or decrease fan speed.

5. Main Controls

Tap the different icons to power off climate controls, turn on or off AC, control recirculation, Auto temperature, and Sync.

6. Sync (Dual Climate Only)

Tap the sync icon to allow the driver-side temp controls to operate all vehicle temps.

7. Airflow

Tap the airflow icons to change the direction of airflow.

Climate Control

(Manual)



Adjust **Factory HVAC Controls** to display pop-up on screen

1. A/C Power

Displays whether the air conditioning system is turned On or Off.

2. Airflow

Displays the current airflow direction selected for the HVAC system.

3. Fan Speed

Displays current fan speed setting.

4. Circulation

Displays the current air circulation mode. When this setting is changed, the illustration updates to show the recirculation icon.

VEHICLE INFO



Press the **HOME BUTTON > Vehicle Info** to access the Vehicle Info functions.

1. Vehicle Info Menu

Access various vehicle info display modes.

2. Tire Pressure

Low pressure warnings can be customized in User Settings.

3. Recolor

Customize on screen vehicle color.

4. Door Closed / Opened

Indicates door, and rear gate statuses.

5. Vehicle Info Footer

Available on all vehicle information displays. Shows GPS Coordinates, Altitude, Tire Angle, and access to Cameras.

VEHICLE INFO > RECOLOR



Press the **HOME BUTTON** > **Vehicle Info** > **Recolor** to access Vehicle recolor

1. Color Name

Displays preloaded color name or custom color number.

2. Color Wheel

Touch and drag to create a custom color.

3. Preloaded Colors

Touch to use one of the preloaded vehicle colors.

4. Finish

After desired color is selected, touch finish to set color as vehicle on screen color.

VEHICLE INFO > GAUGES



Press the **HOME BUTTON > Vehicle Info > Gauges** to access Gauges.

1. Gauges

Tap a gauge to cycle through available gauge types.

2. Gauge Setup Preset

There are two preset gauge setups. Press and hold to save a gauge combination and then tap that setup again to recall that combination.

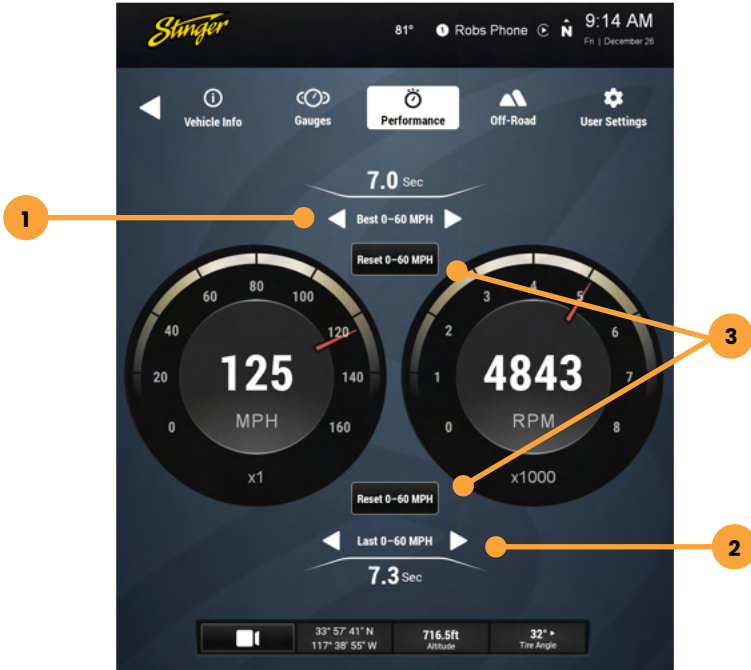
Change colors in **HOME > Setting > Display > System Highlights**

Change gauge units in User Settings.

Available Gauges:

- Battery Voltage
- Oil Temperature
- Oil Pressure
- Transmission Temperature
- Coolant Temperature
- Fuel Level
- Intake Air Temperature
- Engine Fuel Rate
- Engine Torque
- Engine Cooling Fan Speed
- Engine Oil Life Remaining
- Barometric Pressure
- Battery State of Charge

VEHICLE INFO > PERFORMANCE



Press the **HOME BUTTON > Vehicle Info > Performance** to access Performance.

Selecting Performance will display a digital speedometer and tachometer along with performance measurements.

1. Best 0-60 / ¼ Mile / 60-0

Whenever a new best performance measurement is achieved, the results will be displayed. Use left / right arrows to recall best measurements. Reset best measurements with the reset button.

2. Last 0-60 / ¼ Mile / 60-0

Use left / right arrows to recall last measurements for each performance metric.

3. Reset

The RESET buttons will reset either the Best or Last results.

VEHICLE INFO > OFF-ROAD



Press the **HOME BUTTON > Vehicle Info > Drive Mode** to access Settings.

1. Vehicle Pitch

Vehicle's current pitch angle

2. Compass

Vehicle current direction.

3. Vehicle Roll

Vehicle's current roll angle

4. Vehicle Info Footer

Available on all vehicle information displays. Shows GPS Coordinates, Altitude, Tire Angle, and access to Cameras.

5. Altitude

Vehicle current altitude.

VEHICLE INFO > USER SETTINGS



Press the **HOME BUTTON > Vehicle Info > User Settings** to access Settings.

1. Default Off-Road Camera

Set camera that will display as default when camera icon is selected on footer menu.

2. Scan Tool Warning

It's possible that you might have an accessory installed that makes gauge operation unreliable. If so, this control will enable or disable the scan tool warning on the gauge cluster

3. Low Tire Pressure

Set the threshold, for the low tire pressure warning shown on the vehicle info display.

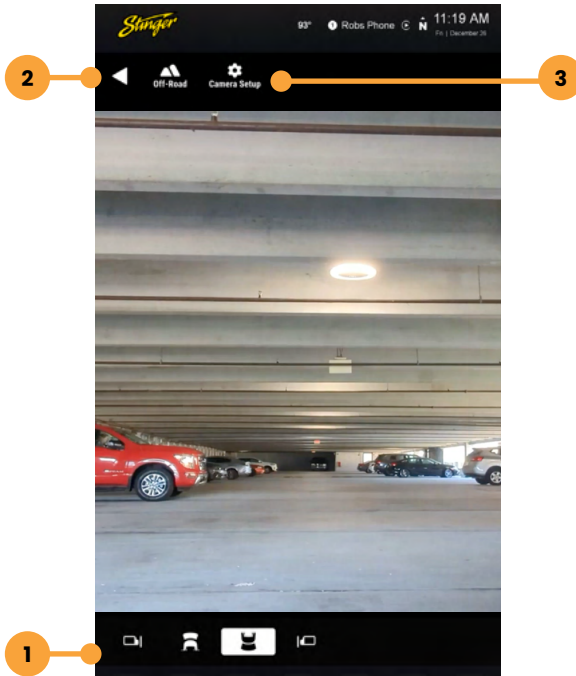
4. Vehicle Recolor

Sets the displayed vehicle color on the Vehicle Info tab.

5. GPS Precision

Adjusts the precision level of the GPS data displayed in the Vehicle Info screen.

CAMERAS



Press the **HOME BUTTON** > **Cameras** to select the Cameras app.

1. Camera Selection Bar

If there are optional cameras installed, you may view them at anytime using the camera selection bar at the bottom of the screen.

2. Back Arrow

Touch to exit camera view.

3. Camera Settings

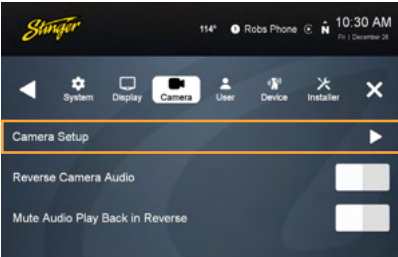
Touch to access Camera Settings.



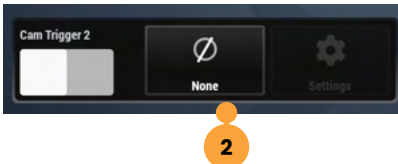
Press the **HOME BUTTON** > **Settings** > **Cameras** to access camera settings.

Set Up a Custom Camera

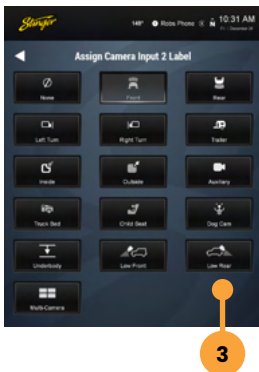
1. Tap Camera Setup



2. Tap a Trigger's Label Button



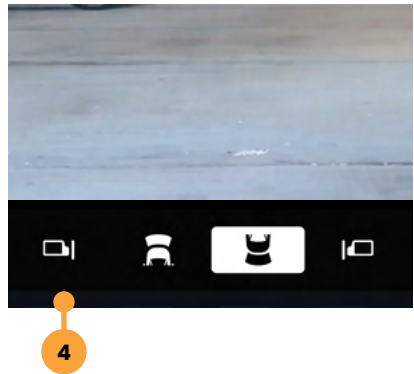
3. Assign a Label



Once you assign a label, that camera's trigger and settings will be active.

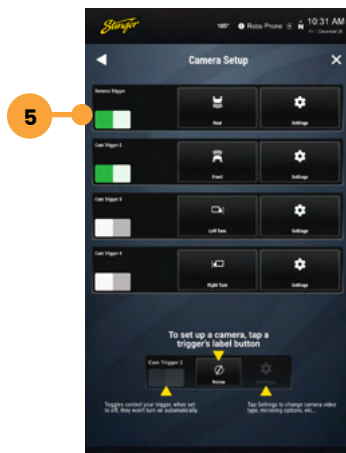
4. Camera Selection Bar

Your assigned Camera will now appear on the Camera Selection Bar.



5. Camera Trigger

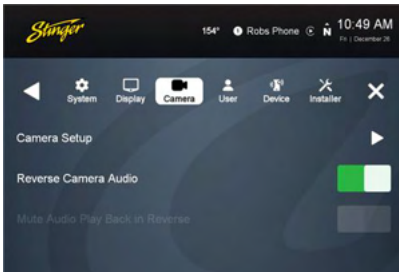
Your selected icon will only appear on the Camera Selection Bar if a label has been assigned and camera trigger is slid to **On** position and displays green.



CAMERAS

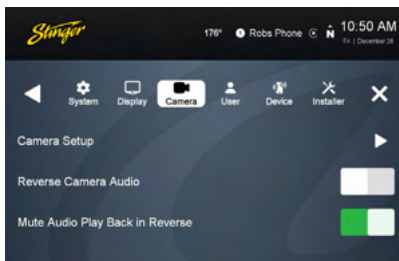
Reverse Camera Audio

When set to ON and a back up camera microphone is equipped, back up camera audio will be heard through the vehicle's speakers.



Mute Audio in Reverse

When set to ON the system will mute any audio playback while in reverse.



Factory Camera

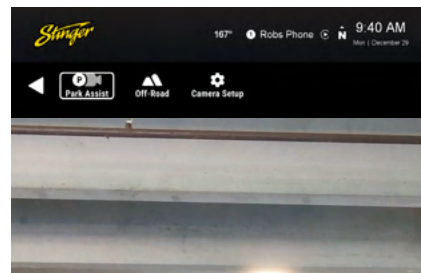
Your factory rear camera will continue to automatically display when in reverse.

Blind Spot Monitoring Cameras

If equipped with optional aftermarket blind spot monitoring cameras, the Horizon12 will display these cameras when triggering left or right blinkers. These cameras can also be manually triggered through your Camera Selection Bar when assigned.

Park Assist

When Park Assist is selected the front camera will display after shifting out of reverse and steering wheel is turned. Front camera will display for the selected number of seconds and under selected speed threshold.



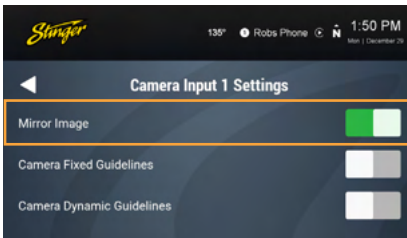
Front Camera Settings

To adjust the front camera settings go to **HOME BUTTON > CAMERAS > CAMERA SETUP > SETTINGS** (of front camera). This will allow you to adjust the time duration or speed threshold that the front camera will stay on for after shifting out of reverse.



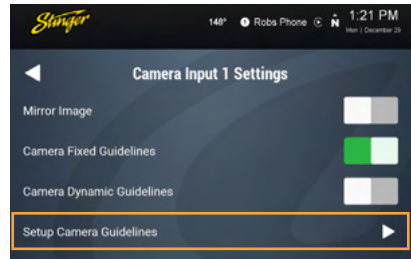
Mirror Image

If camera view is being displayed in reverse tap **HOME BUTTON > CAMERAS > CAMERA SETUP > SETTINGS** on the camera that is reversed. Turn on Mirror Image to correct the camera image.



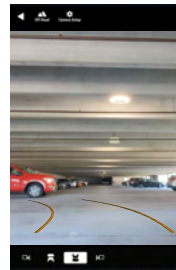
Fixed Guidelines

Fixed guidelines can be enabled for the front and rear cameras in **Camera Settings**. Select **Setup Camera Guidelines** to adjust their positioning.

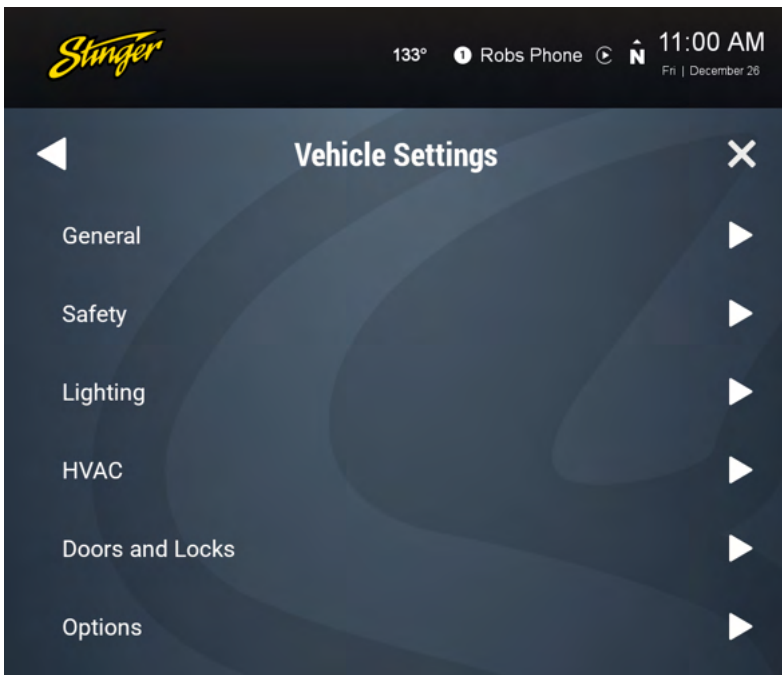


Dynamic Guidelines

Dynamic Guidelines can be enabled allowing the user on-screen guidelines that move in real time as the vehicles steering wheel turns.



Vehicle Settings



Press the **HOME BUTTON** > **Vehicle Settings** to access Vehicle Settings

The Vehicle Settings are all the factory vehicle settings retained from the factory radio.

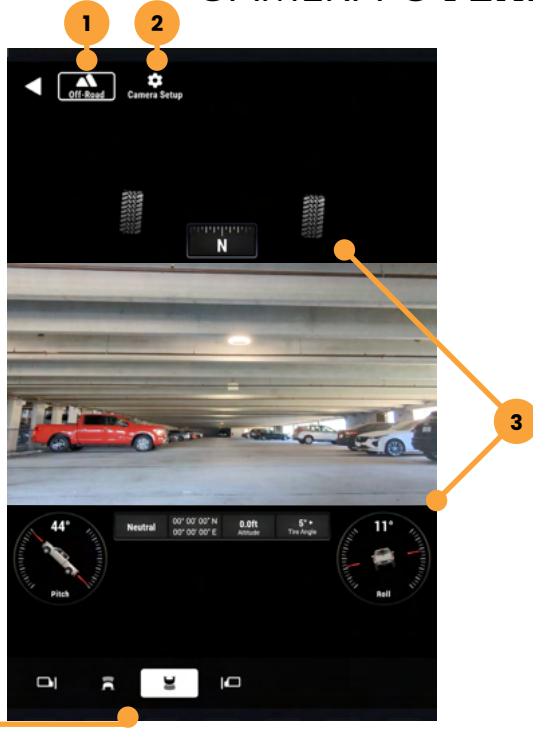
Since these are factory settings, with the exception of the PAC Enabled Settings, these are all explained in detail in the vehicle's Owner's Manual.

NOTE: The listed settings are based on how the vehicle is equipped. For example, Seating Positions will not be present if the vehicle is not equipped with powered seats.

Available Settings

- General
 - Climate and Air Quality
 - Collision/Detection Systems
 - Comfort and Convenience
- Lighting
- Power Door Locks
- Remote Lock, Unlock, Start
- Seating Position

CAMERA OVERLAY



Press the **HOME BUTTON > Camera** to access Camera views.

When the camera is first activated, there will be menu bars at the top and bottom of the display. These bars contents will vary depending on your installed equipment. These bars will auto-hide after 5 seconds

1. Off-Road Mode

Activating Off-Road Mode will display overlay of heading, tire angle, pitch, roll, and the vehicle information toolbar.

2. Camera Setup

Access your camera setup from this control. Turn triggers on, off, and adjust advanced camera features

3. Off-Road Overlay Elements

When off-road mode is not selected these overlays will no longer appear.

4. Camera Selection

Tap a camera icon to change cameras. Contents of this area will change based on your installed equipment


Widget Panel



Widget Panel!

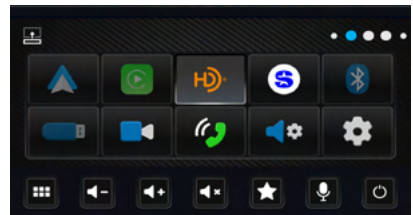
The **Widget Panel** is located at the bottom of the screen. Depending on the SOURCE, it will provide information or content sensitive controls.

You can swipe left or right on the Widget Panel to view different available sources.


Tap the  icon to move a source from the Widget Panel to the main screen of the iX212.

NOTE: Some widgets are not movable to main screen.

Your **Widget Panel** is customizable and includes a programmable **Quick Access Widget**. To set your widget to display your favorite sources, simply tap a button with a touch icon and select the SOURCE you would like to appear for that button.

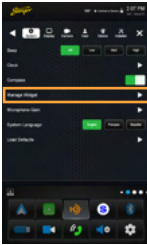


Adding **Widgets!**

1. To add Widgets, Tap the  button and select settings from the Home Menu.



2. Once in settings, select **Manage Widget**

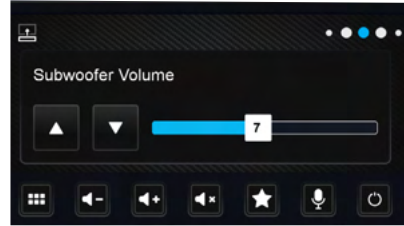


3. The Now Playing Info and Quick Access Widgets will always remain in the Widget Panel. You can add Audio Settings Widget, ACC. Control, and phone widgets to panel. These widgets can be turned on or off.

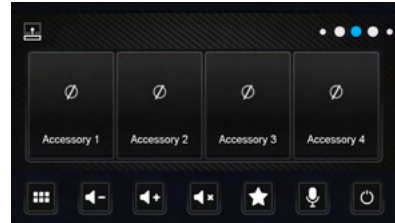
4. If you Long press any of the widgets, you can change their order by sliding them up or down on the screen.



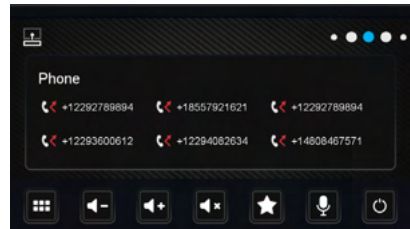
5. The Audio Settings widget will give you an on-screen Subwoofer control.



6. The ACC Control widget will give you the ability to view and access your internal programmable switch outputs. See page 28 for more info on ACC Control.



7. The Phone Widget will allow you to view your recent calls on-screen when connected through Bluetooth. If connected to Car Play or Android Auto The CP/AA logo will be displayed in place of recent call history.



Adding **Widgets!**

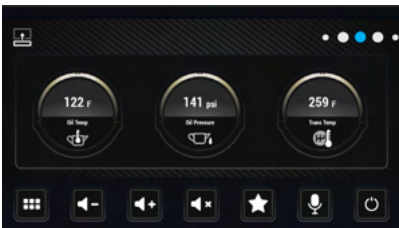
8. If equipped with automatic climate control, the widget allows on-screen adjustment without opening the app.



9. The vehicle info widget provides on-screen visibility of door status and tire pressure at all times.



10. Display any three vehicle-specific gauges on screen at all times.



11. The Off-Road widget provides on-screen visibility of the vehicle's pitch and roll.



12. The camera widget provides on-screen visibility and selection of available cameras.



USB PORTS

As part of the SRX-GM19128 Integration Kit, an upgraded media hub is installed in place of the factory cigarette lighter socket. The media hub includes 1 USB-C and 1 USB-A port.

Primary Functions USB-C:

- Apple Carplay
- Android Auto
- USB Drive Media
- Charging
- Firmware Updates

Secondary Functions USB-A:

- USB Drive Media
- Charging
- Firmware Updates



PAC STEERING WHEEL CONTROLS

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.

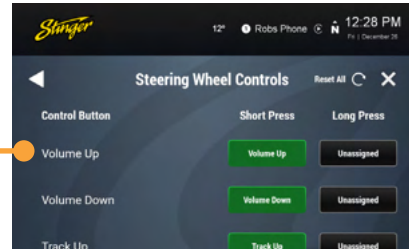
1. Access Installer Settings and select PAC Advanced Settings



2. Select PAC Steering Wheel Controls



3. To change or add a SWC function, touch the corresponding short or long press assignment



4. A function menu will be displayed with the current function highlighted.

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



UPDATING SYSTEM FIRMWARE

1. Format a USB Drive

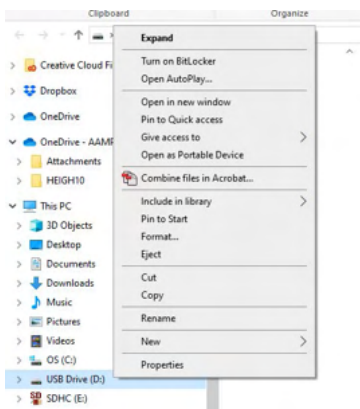
In order to prepare a USB Flash Drive for use with your HORIZON12 system, the USB drive must be formatted to FAT32 / MS-DOS(FAT).

Windows PC

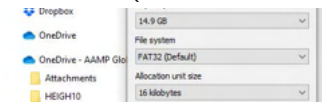
1. Insert a 32GB+ USB Drive
2. Open File Explorer



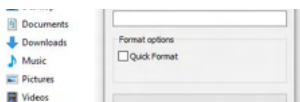
3. Right click on USB Drive and select Format



4. Select FAT 32 (Default) File System
5. Deselect Quick Format

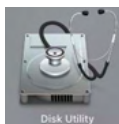


6. Click Start

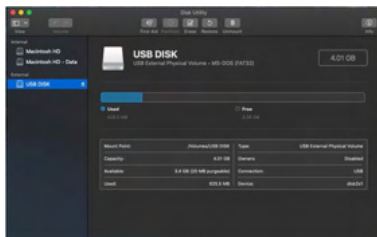


MAC OSX

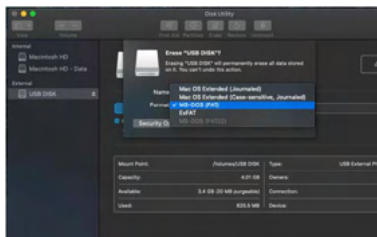
1. Insert a 32GB+ USB Drive
2. Launch the Disk Utility App from the Utilities folder
3. Select the USB drive from the External List and click Erase



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



2. Download Firmware



Download the firmware file from StingerDrive.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.**

3. Install System Update

Insert the USB drive into any 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 will all be overwritten.

You can export user settings to the same USB drive you prepared earlier from the Installer menu.

Your HORIZON12 will automatically detect the firmware file, either when you plug it into your powered radio or on startup

Tap Update Firmware on the popup. The update will take 6 - 8 minutes.

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

4. System Reset

When the update is complete and display is on the Radio source, Turn vehicle on, Master Reset Radio in installer settings. Once complete, press **Reset** button on display. Once reboot is complete, turn off vehicle and wait 1 minute. Turn the vehicle back on. Vehicle specific widgets will then appear and update is complete.

Reset Button



TROUBLESHOOTING

General

Black Screen w. Audio

- Touch the screen anywhere as it may have been turned off.
- Perform a key cycle and allow 10–30 seconds to pass before restarting the vehicle.
- Ensure the cables on the back of the screen are fully locked into place and also properly connected at the back of the radio module.
- Check for damaged/kinked cables.

Bluetooth

Device will not Pair

Ensure Bluetooth is turned ON in your device settings. Delete all unused devices. Delete any “Stinger” device. Restart/Reboot device and try pairing again.

Music Volume is low

- Turn up volume on device
- Turn up volume on head unit.
- Turn up Phone Volume

Phone Volume is low

- Turn up volume on device.
- Turn up volume on head unit.
- Turn up BT Volume Gain
- Turn up Microphone Gain

Cameras

Rear Camera not displaying in reverse

- Make sure rear camera trigger is ON (Page: 16–19)

- If display is showing NO SIGNAL in reverse, ensure camera RCA is plugged into the correct RCA input (CAMERA IN).
- Confirm camera has power and ground.
- Confirm camera trigger is receiving positive 12V.

Installed Camera not showing Video

- Make sure the correct video format (NTSC, PAL, etc.) is selected.

User Note: Backgrounds

Your HORIZON12 head unit utilizes a Liquid Crystal Display (LCD) panel to display clear, crisp images in a variety of lighting conditions.

Your HORIZON12 unit is optimized to provide the highest quality image in a variety of use cases, but you should be aware that certain contrast ratios and backgrounds can cause temporary image retention.

When customizing your background, avoid images that include high contrast static patterns; these images can cause temporary image retention in LCD panels through repeated use. The **recommended image size is 1080*1920 pixels.**

Retained images should vanish within 10–40 minutes of normal operation. If you see your custom background, we strongly suggest you choose another option, or use one of the included HORIZON12 background options to ensure uninterrupted enjoyment. :)

SiriusXM Satellite Radio

Check Antenna

The radio has detected a fault with the SiriusXM antenna. The antenna cable may be either disconnected or damaged.

- Verify that the antenna cable is connected to the SiriusXM Connect Vehicle Tuner.
- Inspect the antenna cable for damage and kinks.

Replace the antenna if the cable is damaged. SiriusXM products are available at your local car audio retailer or online at www.shop.siriusxm.com.

Check Tuner

The radio is having difficulty communicating with the SiriusXM Connect Vehicle Tuner. The tuner may be disconnected or damaged.

Verify that the SiriusXM Connect Vehicle Tuner cable is securely connected to the radio.

No Signal

The SiriusXM Connect Vehicle Tuner is having difficulty receiving the SiriusXM satellite signal.

- Verify that your vehicle is outdoors with a clear view of the sky.
- Verify that the SiriusXM magnetic mount antenna is mounted on a metal surface on the outside of the vehicle.

- Move the SiriusXM antenna away from any obstructions. Inspect the antenna cable for damage and kinks.
- Consult the SiriusXM Connect Vehicle tuner installation manual for more information on antenna installation.

Replace the antenna if the cable is damaged. SiriusXM products are available at your local car audio retailer or online at www.shop.siriusxm.com.

Channel Locked

The channel that you have requested is Locked by the radio Parental Control feature. Default lock code is **1234**

Wrong Code

The code you entered is incorrect. The default lock code is **1234**. If you've changed your code and can't remember it, you will have to perform a master reset of your head unit to restore the old code.

Subscription Updated

The radio has detected a change in your SiriusXM subscription status.

Press anywhere on the screen to clear the message.

Channel Unavailable

The channel that you have requested is not a valid SiriusXM channel or the channel that you were listening to is no longer available. You may also see this message briefly when first connecting a new SiriusXM Connect Vehicle tuner.

Visit www.siriusxm.com for more information about the SiriusXM channel lineup.

Memory End

This message will display when the beginning of stored audio has been reached. You cannot rewind any further.

IR Buffer Memory Full

The stored audio memory has become full while audio was paused.

Channel Unsubscribed

The channel that you have requested is not included in your SiriusXM subscription package or the channel that you were listening to is no longer included in your SiriusXM subscription package.

In the U.S.A., visit www.siriusxm.com or call 1-866-635-2349 if you have questions about your subscription. In Canada, visit www.siriusxm.ca or call 1-877-438-9677 if you have questions about your subscription.

Apple CarPlay

Restart your Phone

A common first step to take when you're having connection issues is to restart your device.

1. Turn your phone off.
2. Wait 30 seconds.
3. Turn your phone back on

Make sure your operating system is up to date

Apple often releases updates to your phone's operating system, known as iOS®, to keep it secure and working at its best. These software updates are important. Not updating your iPhone can lead to software issues and glitches, like CarPlay not working.

For step by step instructions, visit <https://support.apple.com/en-us/118575>

Make sure CarPlay is turned on

If your iPhone isn't connecting to Apple CarPlay, the feature may not be enabled on your device or you may have turned it off and need to turn it back on. Here's how:

Go to Settings > General > CarPlay > My Cars, then select your car to reconnect it to the app. Make sure to turn on the Allow CarPlay When Locked option, too, so that CarPlay works when your phone is locked.

If your car is already connected, tap your car, then tap Forget This Car. Then connect it again.

If you've turned off CarPlay in Screen Time, go to Settings > Screen Time > Content & Privacy Restrictions. If you've turned on Content & Privacy Restrictions, tap Allowed Apps and confirm that CarPlay is enabled. (Tap the button until it's green.)

Confirm Siri is turned on

CarPlay won't work unless Siri® is turned on. To turn it on, go to Settings > Siri & Search on your iPhone, then confirm that Listen for "Hey Siri" is on.

Make sure to include the Allow Siri When Locked option, too, so that CarPlay works when your iPhone is locked.

Make sure Bluetooth is connected

If you're using a wireless CarPlay connection, go to Settings > Bluetooth to confirm that Bluetooth® is turned on. Then go to Settings > Wi-Fi to check that Wi-Fi is also turned on. Finally, go to Settings > General > CarPlay and check that Auto-Join is turned on.

Check your USB cable

Make sure the wire isn't frayed or broken. Try using it with another device—if it doesn't work, you probably have a faulty USB cable and need to replace it. Also, make sure you're plugged into the correct USB-C port for phone projection. Apple CarPlay

Android Auto

Restart your Phone

A common first step to take when you're having connection issues is to restart your device.

1. Turn your phone off.
2. Wait 30 seconds.
3. Turn your phone back on

Make sure your operating system is up to date

You can find your device's Android version number, security update level, and Google Play system level in your Settings app. You'll get notifications when updates are available for you. You can also check for updates there as well

For step by step instructions, visit <https://support.google.com/android/answer/7680439>

Make sure Bluetooth is connected

If you're using a wireless Android Auto connection, go to Settings > Bluetooth to confirm that Bluetooth® is turned on.

Check your USB cable

Not all USB cables will work with all cars. For the best quality and reliability when you connect to Android Auto try a high-quality USB cable.

HORIZON¹²™

The HORIZON12 infotainment radio boasts, a roomy 12.8-inch touchscreen, wireless smartphone connection, and IP65 weather-resistance for any adventure.

**Enhance your experience with
our compatible products**

AudioControl®
Making Good Sound Great™

DM Smart DSP App Integration
On-screen control of AudioControl's
DM series processors and amplifiers



Factory Vehicle Integration
Retain factory features and add
even more upgraded features

ENLIGHT10

RGB Light Control
On-screen control of ENLIGHT10
RGB dynamic LED lighting