



12"
Infotainment
System



PN: SRX-JW18128



HORIZON 12™

SRX-JW18128 USER GUIDE

FIND YOUR HORIZON

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

Additionally, your new SRX-JW18128 kit enables you to replace a Jeep Wrangler JL/JT factory radio with a show-stopping 12.8-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-JW18128 kit. If you need to reference the HORIZON12 user guide, you can find it by scanning the QR code.

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



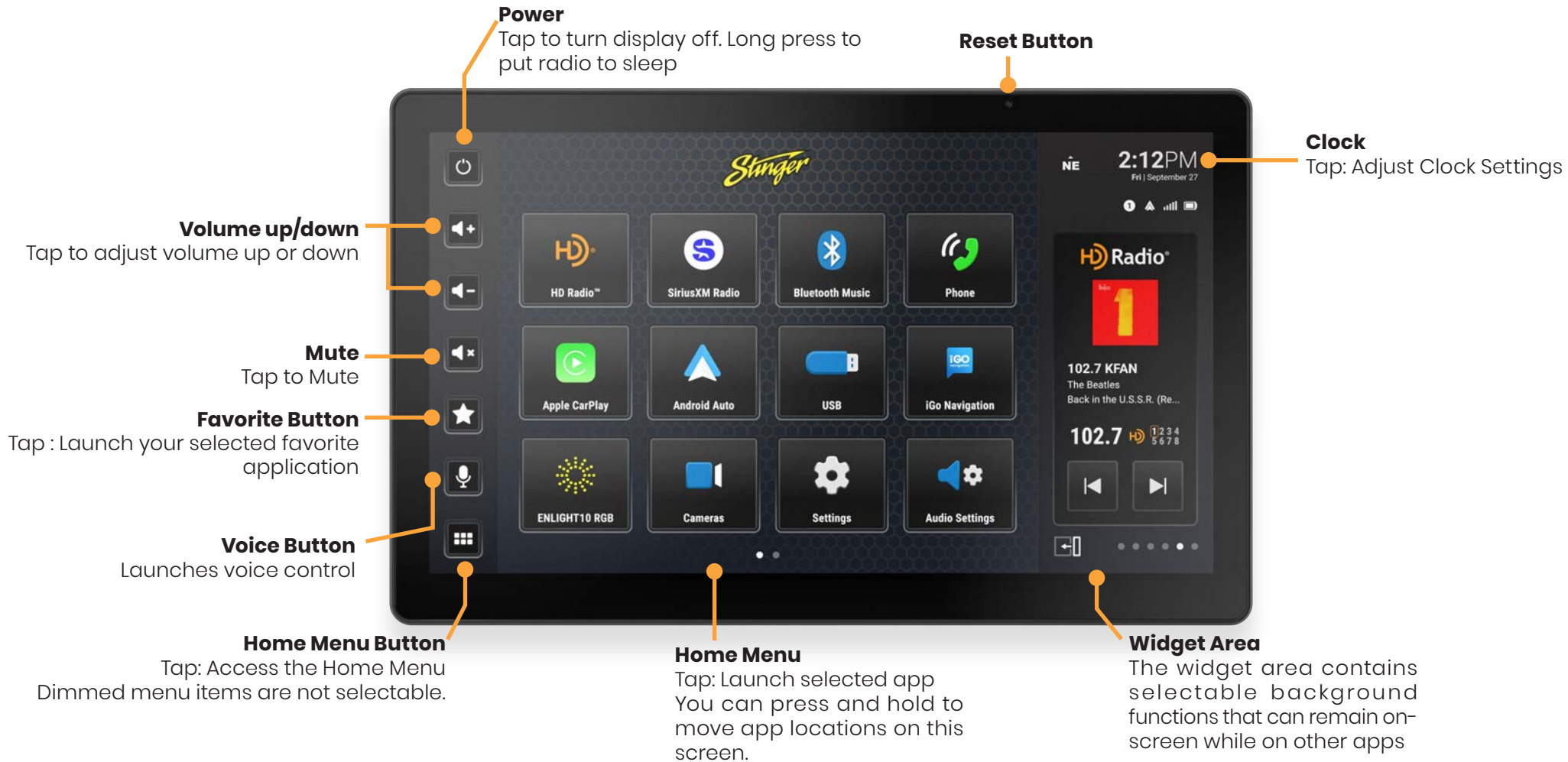
HORIZON12 USER GUIDE

MUST PERFORM AFTER INITIAL STARTUP
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.

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Control your Horizon12 using factory controls



CLIMATE CONTROL



Current active items will be highlighted. You can change highlight color settings in **HOME > Settings > Display > System Highlights**.

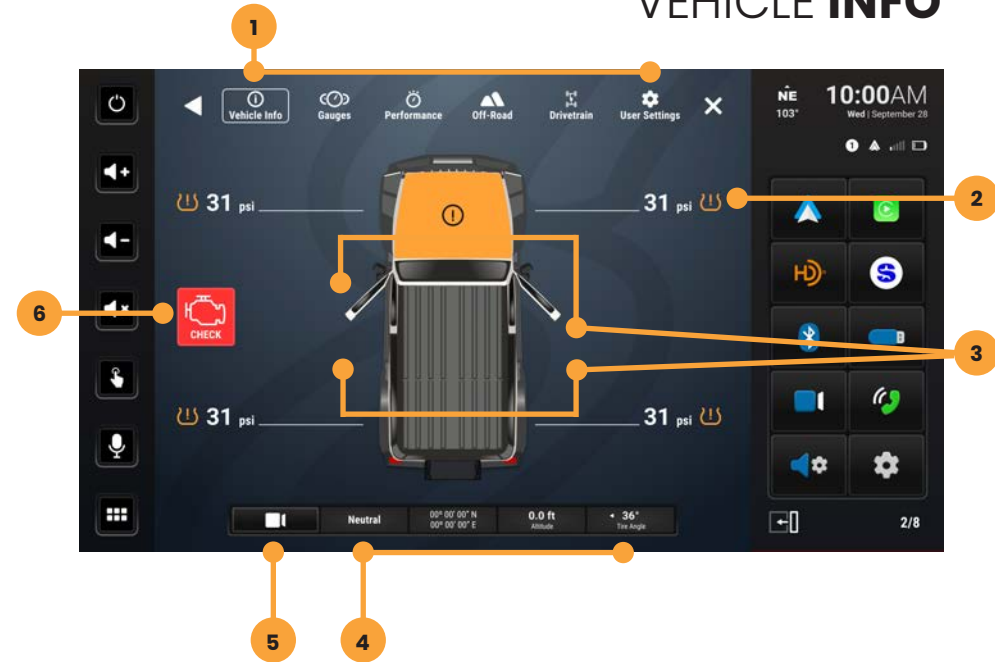
Press the **HOME BUTTON > Climate** to access the Climate Control function.

You can view and adjust the climate control settings from the touchscreen display as well as operate the heated seats and heated steering wheel, if equipped.

The factory climate controls located below the display continues to function, and any changes made with the factory controls are reflected on the screen.

All climate control functions are explained in your Jeep Owner's Manual if you need more information.

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. Door Closed / Opened / Off

Indicates door, hood, and rear gate statuses.

4. Vehicle Info Footer

Available on all vehicle information displays. Shows Transfer Case status, GPS Coordinates, Altitude, and current Tire Angle

5. Default Off-Road Camera

Activate default camera, can be changed in User Settings

6. Malfunction Indicator

Displays current malfunction indicators. Touch indicator for more information and to clear codes.

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 gauges 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 Gauge
- Intake Air Temperature
- Engine Calculated Load
- Engine Torque
- Barometric Pressure
- Intake Manifold Pressure
- Fuel Pressure
- Absolute Load
- Ignition Timing
- Engine Run Time

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 / 1/4 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 / 1/4 Mile / 60-0

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

VEHICLE INFO > OFF-ROAD



Press the **HOME BUTTON > Vehicle Info > Off-Road** to access Off-Road.

- 1. Pitch
- 2. Compass
- 3. GPS / Altitude
- 4. Roll

VEHICLE INFO > DRIVETRAIN



Press the **HOME BUTTON > Vehicle Info > Drivetrain** to access Drivetrain (if equipped.)

- 1. Rear Axle *(Only Displays if Vehicle has Factory Lockers)*
- 2. Transfer Case
- 3. Front Axle *(Only Displays if Vehicle has Factory Lockers)*
- 4. Sway Bar *(Only Displays if Vehicle is a Rubicon)*
- 5. Tire Angle

VEHICLE INFO > USER SETTINGS



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

1. Default Off-Road Camera

Select which camera activates when you press the camera button

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.

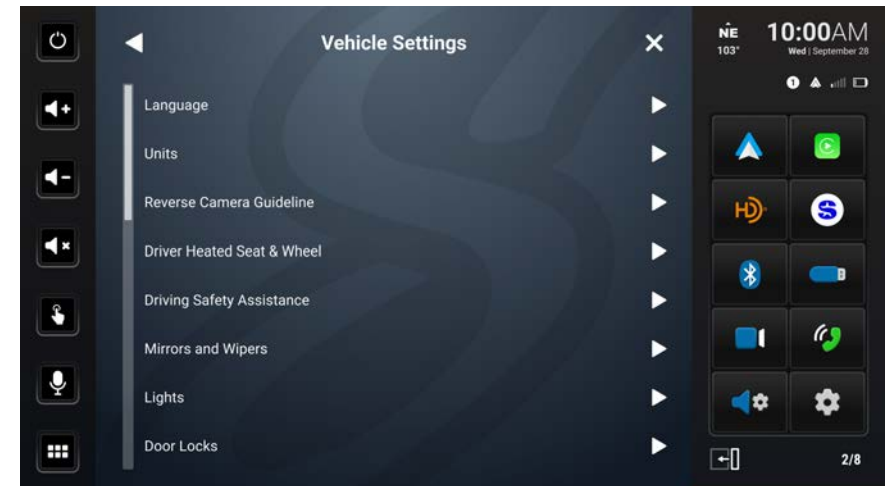
3. Low Tire Pressure

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

4. GPS Precision

Sets the accuracy of the displayed GPS coordinates

VEHICLE SETTINGS



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

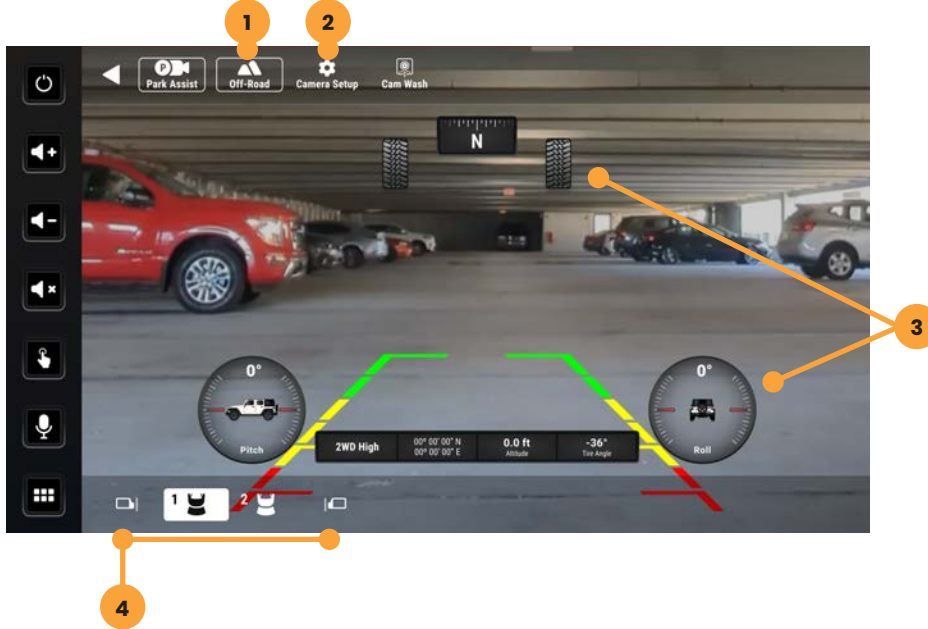
The Vehicle Settings are all the factory vehicle settings retained from the factory radio.

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

NOTE: The listed settings are based on how the vehicle is equipped. For example, Aux Switches will not be present if the vehicle is not equipped with Aux Switches.

NOTE: Auto Start / Stop Memory will retain adjusted Start / Stop status when the vehicle is turned off.

CAMERA OVERLAY



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

The factory rear camera will continue to automatically display when in reverse and can also be activated at any time by selecting Cameras from the HOME Menu or Tabs.

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 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

4. Camera Selection

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

FACTORY USB PORTS

Apple CarPlay and Android Auto can be accessed wirelessly or through a dedicated USB port. The factory USB port inside the center console will function for Apple Carplay/Android Auto, and all other USB ports can be used for USB thumb drives

Factory Center Console Port [1]:

Apple Carplay
Android Auto
USB Drive Media
Charging



Factory Dashboard Part [2]:

USB Drive Media
Charging
The AUX Input can be accessed by selecting A/V Input from the HOME Menu



Factory Rear Console Port [3]:

USB Drive Media
Charging



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.

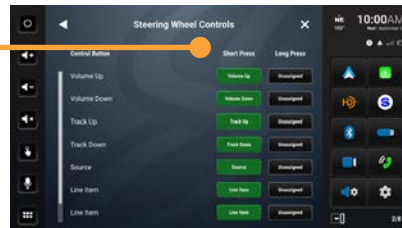
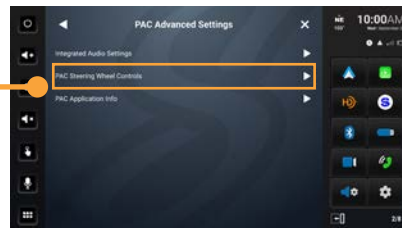
1. Access Installer Settings and select PAC Advanced Settings

2. Select PAC Steering Wheel Controls

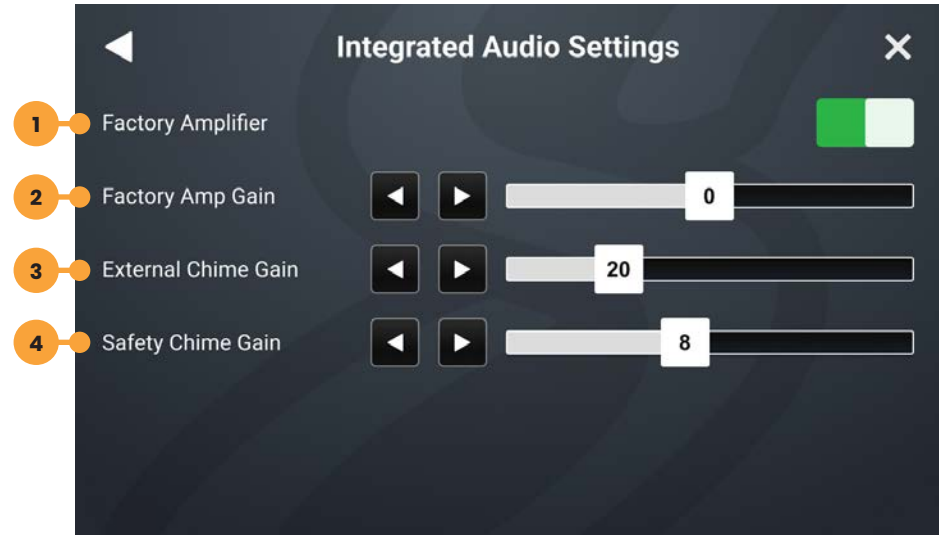
3. To change or add a SWC function, touch the corresponding short or long press assignment

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

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



INTEGRATED AUDIO SETTINGS



Press the **HOME BUTTON** > **Settings** > **Installer** > **PAC Advanced Settings** > **Integrated Audio Settings** to access advanced audio settings.

NOTE: If your Jeep is equipped with premium sound (amplified), Vehicle Audio Settings will be present here.

1. Factory Amplifier

Toggle ON if factory amplifier is present. When ON factory crossovers and time correction are retained and the HORIZON12's crossovers and time correction are disabled.

2. Factory Amplifier Gain

Adjusts gain of factory amplifier. This will only function when equipped with a factory amplifier and factory amplifier toggle is toggled ON.

3. External Chime Gain

Sets chime level of external speaker if installed.

4. Safety Chime Gain

Sets gain level of factory chimes.

UPDATING SYSTEM FIRMWARE

1. Format a USB Drive

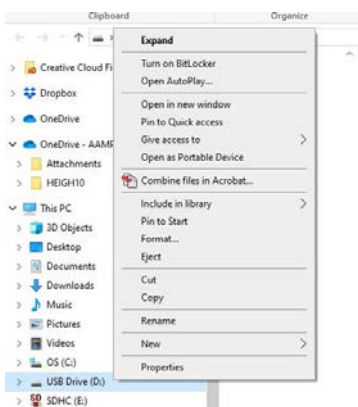
In order to prepare a USB Flash Drive for use with your HORIZON12 system, the USB drive must be formatted to FAT32 / MS-DOS(FAT).

Windows PC

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



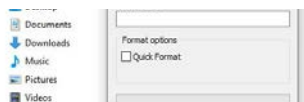
3. Right click on USB Drive and select Format



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

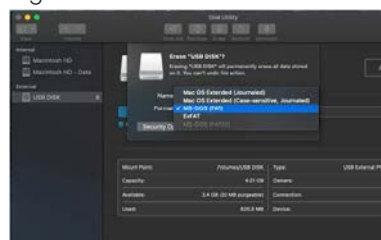


4. Select MS-DOS(FAT) from the format drop-down menu and click Erase



2. Download Firmware

Download the firmware file from StingerSolutions.com. Transfer the



firmware file as-is onto the formatted USBdrive.

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 the center console USB port.

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

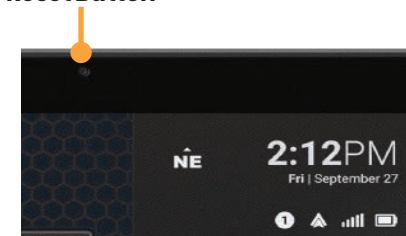
Tap Update Firmware on the popup. The update will take 6 - 8 minutes.

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



HORIZON¹²™

TM

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 Intergration

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