

## STINGER 10.1" - IX210

# Stinger HORIZON10 10.1" Universal Car Stereo

## INSTRUCTION MANUAL

### Introduction

The Stinger HORIZON10 is a state-of-the-art 10.1-inch universal car stereo designed to enhance your in-vehicle entertainment and connectivity. Featuring a 1280x800 HD weather-resistant touchscreen, wireless Apple CarPlay and Android Auto, advanced audio controls, and multiple camera inputs, the HORIZON10 provides a comprehensive and intuitive user experience. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your new car stereo.



# HORIZON<sup>10</sup>

INFOTAINMENT SYSTEM

Image: The Stinger HORIZON10 Infotainment System, showcasing its sleek design and user interface.

## What's in the Box

Upon unboxing your Stinger HORIZON10, please verify that all the following components are included:

- 10.1" Multimedia Touchscreen Display
- Radio Module
- Display Bracket
- Nose Bracket - Radio Bracket
- LVDS Connector Rear Cover
- Screws
- Waterproof Plug
- 16 Pin AV Harness
- 12 Pin Pre-out Harness
- 14 Pin Data Harness
- 26 Pin Power Harness LVDS Display Cable

- External Microphone
- GPS Antenna
- GPS Mounting Plate



Image: All components included with the Stinger HORIZON10 car stereo system.

## Setup and Installation

Professional installation is highly recommended for the Stinger HORIZON10 to ensure proper functionality and integration with your vehicle's electrical system. This unit is designed for universal compatibility, but specific vehicle dash kits, wiring harness interfaces, or antenna adapters may be required and are sold separately.

### Initial Setup Steps:

1. **Mounting:** Securely mount the display and radio module using the provided brackets and screws. Ensure proper ventilation around the unit.
2. **Wiring:** Connect the 16-pin AV harness, 12-pin pre-out harness, 14-pin data harness, and 26-pin power harness LVDS display cable to the corresponding ports on the radio module and your vehicle's wiring system. Refer to your vehicle's specific wiring diagram if necessary.

3. **External Connections:** Connect the external microphone for hands-free calling and the GPS antenna for navigation functionality.
4. **Power On:** Once all connections are secure, power on your vehicle to initiate the stereo. The unit should boot up and display the Stinger logo.
5. **Initial Configuration:** Follow any on-screen prompts for initial setup, such as language selection and time zone.

## Operating Instructions

### Touchscreen Interface

The HORIZON10 features a large 10.1" 1280x800 HD floating touchscreen with anti-glare and anti-fingerprint film protection. Navigate through menus and applications by tapping, swiping, and pinching on the screen. The capacitive touch panel buttons and machined aluminum anodized knob provide additional tactile control.

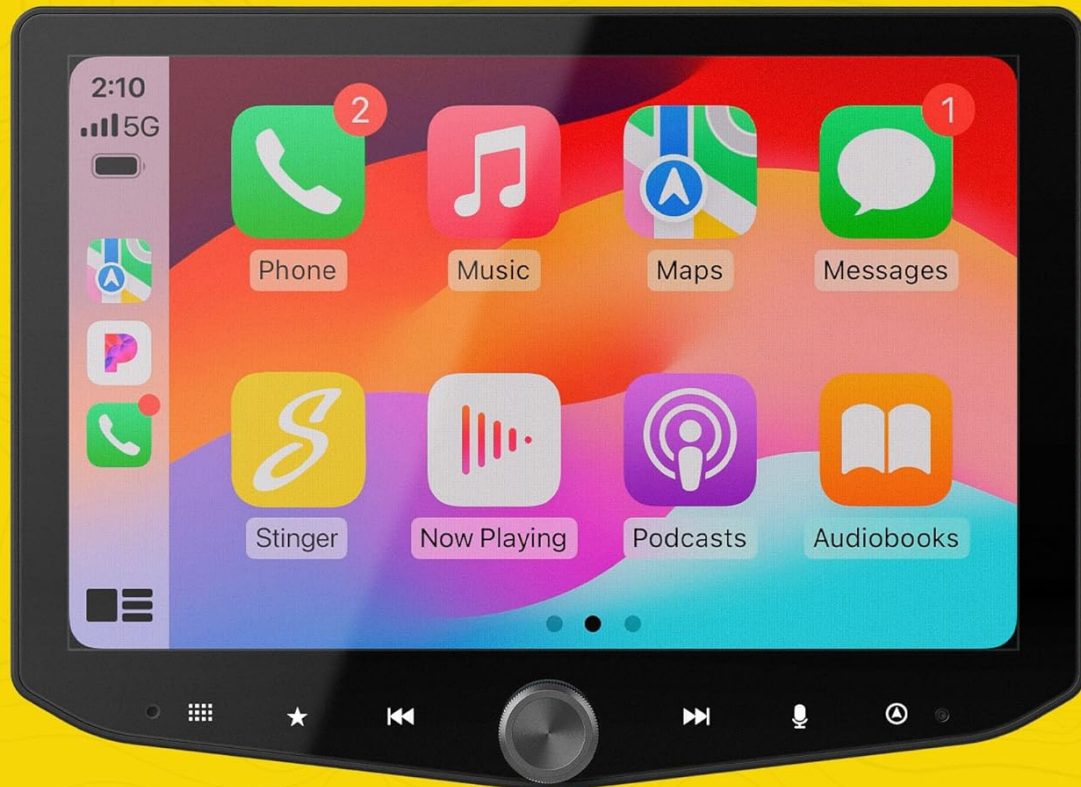


Image: Detailed view of the Stinger HORIZON10 touchscreen, highlighting its capacitive touch buttons and anodized knob.

### Wireless Apple CarPlay & Android Auto



Connect your iPhone or Android phone wirelessly to access navigation, calls, messages, music, and more directly on the HORIZON10 display. Wired connections are also supported via the USB-C input, which also provides fast 3A phone charging.



**Wireless**



Works with  
**Apple CarPlay**

Image: The Stinger HORIZON10 displaying the Apple CarPlay interface wirelessly connected to an iPhone.



Image: The Stinger HORIZON10 displaying the Android Auto interface wirelessly connected to an Android phone.

### Bluetooth 5.1 & Wi-Fi Connectivity

The unit supports dual phone connections for fast hands-free calling and music streaming via Bluetooth 5.1 A2DP. Wi-Fi connectivity enables additional features and updates.

### Advanced Audio Features

Customize your sound experience with the 15-band adjustable EQ, 6 user EQ presets, and built-in crossover with HPF & LPF. The system offers 4.5 Vrms & 8ch RCA outputs with subwoofer control, and a Toslink (optical) audio output (48 kHz variable) for high-fidelity sound.



Image: Screenshot of the Stinger HORIZON10's advanced audio settings, showing the 15-band equalizer.

## Camera Inputs

Integrate up to four cameras (front/rear dashcam, blind spot cameras, backup camera) for enhanced safety and visibility. The system supports both AHD 720p and CVBS 480p camera inputs.



## Advanced Audio

Ideal for audiophiles and music lovers, Hi-Fi Audio ensures superior sound quality.

Image: The Stinger HORIZON10 displaying multiple camera views, illustrating its 4 camera input capability.

### Radio Tuner

Enjoy a wide variety of audio content with the built-in HD AM/FM radio tuner. The unit is also SiriusXM-Ready (SiriusXM Tuner Sold Separately).





# HD Radio

Image: The Stinger HORIZON10 displaying the HD Radio interface, showing available stations.

## USB & HDMI Inputs

The unit includes two USB-A inputs, one USB-C input (with 3A charging), and one HDMI input for media playback or mirroring.

## Customization

Personalize your experience by changing the background image and rearranging Home screen icons for easier access to your most used features.

## onX Offroad App

The HORIZON10 includes a free 3-month trial of the onX GPS navigation off-roading map app. Register on the Stinger website to activate your trial.

## Product Video Overview

Your browser does not support the video tag.

Video: An official overview of the Stinger HORIZON10's key features and capabilities.

Maintenance

To ensure the longevity and optimal performance of your Stinger HORIZON10, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Weather Resistance:** While the display is IP65 weather-resistant, the radio chassis is not. Avoid direct exposure of the main unit to water or excessive moisture.
- **General Care:** Keep the unit free from dust and debris. Ensure all connections remain secure.



Image: The Stinger HORIZON10 display with water droplets, demonstrating its IP65 weather-resistant feature.

Troubleshooting

If you encounter issues with your Stinger HORIZON10, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse, vehicle battery issue.	Check all power connections. Inspect vehicle fuses. Ensure vehicle battery is charged.
No Audio Output	Incorrect audio settings, loose speaker wires, amplifier issue.	Verify audio settings (volume, mute, source). Check speaker wire connections. Consult an audio specialist if using an external amplifier.
CarPlay/Android Auto Not Connecting	Bluetooth/Wi-Fi off on phone, incorrect pairing, phone software issue.	Ensure Bluetooth and Wi-Fi are enabled on your phone. Repair the device. Restart both the phone and the HORIZON10 unit. Update phone OS.
Touchscreen Unresponsive	Temporary software glitch, excessive dirt/moisture on screen.	Perform a soft reset (refer to device settings for reset option). Clean the screen thoroughly. If persistent, contact support.
Poor Radio Reception	Antenna not connected, damaged antenna, weak signal area.	Check antenna connection. Consider a signal booster if in a weak reception area.

If the problem persists after attempting these solutions, please contact Stinger customer support.

### Specifications

Feature	Detail
Model Number	10.1" - IX210
Product Dimensions	12.75 x 7.5 x 9.75 inches
Item Weight	6.98 pounds
Display Size	10.1 inches
Display Resolution	1280x800 HD
Weather Resistance	IP65 (Display only)
Connectivity Technology	Bluetooth 5.1 A2DP, Wi-Fi
Controller Type	Smartphone, Touchscreen
USB Inputs	2x USB-A, 1x USB-C (3A charging)
HDMI Ports	1
Camera Inputs	4 (AHD 720p / CVBS 480p compatible)
Audio Output Mode	Stereo
Surround Sound Channel Configuration	7.1

Feature	Detail
Number of Channels	8
EQ	15-band adjustable EQ, 6 user presets
RCA Outputs	4.5 Vrms & 8ch with subwoofer control
Optical Audio Output	Toslink (48 kHz variable)

### Warranty Information

For detailed warranty information regarding your Stinger HORIZON10, please refer to the warranty card included with your product or visit the official STINGER website. Warranty terms and conditions may vary and are subject to the manufacturer's policy.

### Customer Support

Should you require further assistance, technical support, or have questions not covered in this manual, please contact STINGER customer service through their official website or the contact information provided with your product documentation.

**STINGER Official Website:** [www.stinger.com](http://www.stinger.com)

