

Introduction

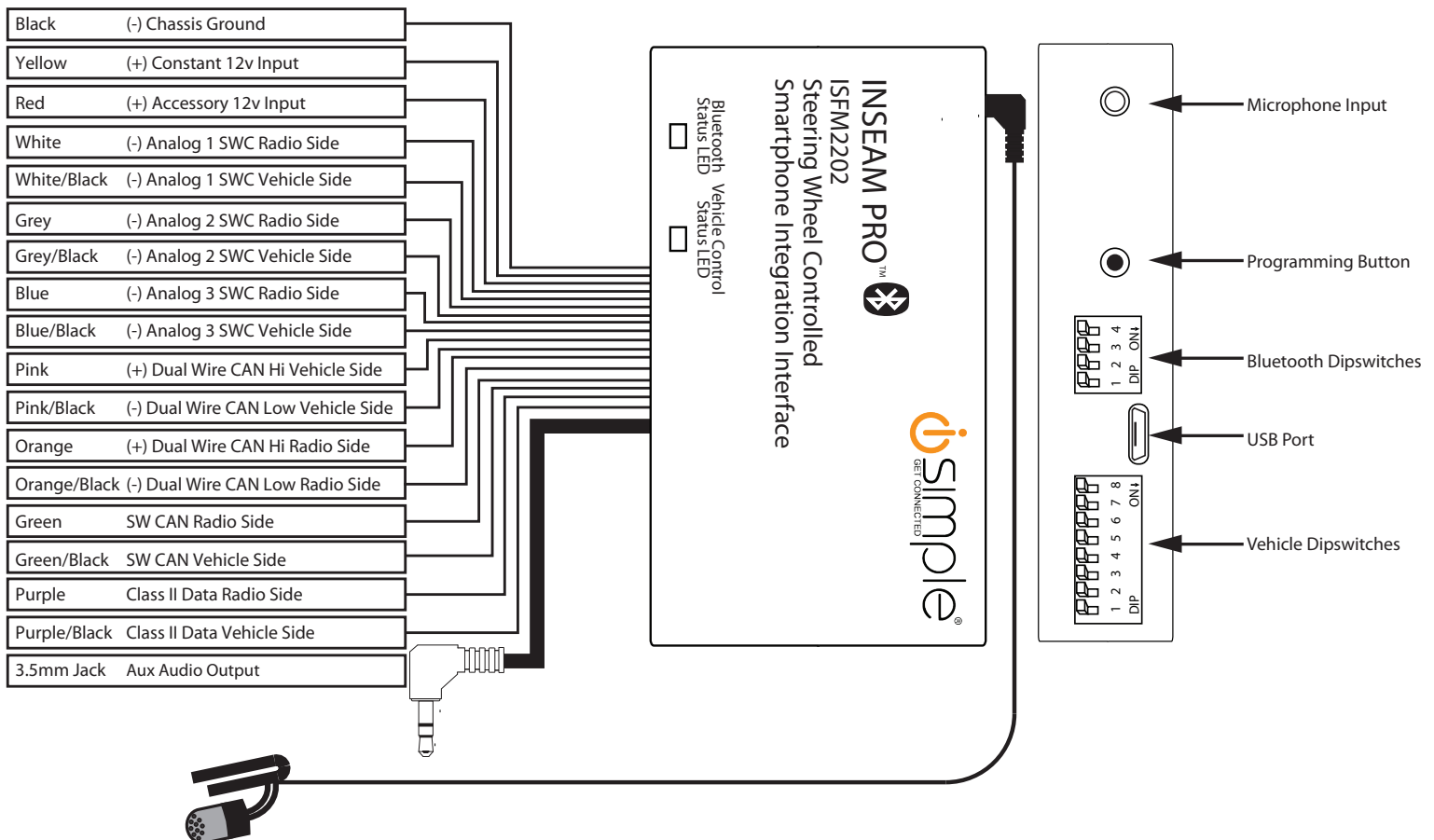
Thank you for choosing the iSimple ISFM2202 for use with the InSeam Pro App as your mobile media and hands-free integration solution. The ISFM2202 is designed to provide the connecting link between your Bluetooth enabled Apple iOS or Android powered device and your vehicle.

The InSeam Pro is more than a simple car kit, going far beyond hands-free and streaming audio by allowing the user to fully pilot their smartphone or Tablet via Voice Recognition (VR). The InSeam Pro is fully integrated into the vehicle steering wheel control buttons providing a seamless transition between controlling your radio and controlling your smartphone. The InSeam Pro allows the user to open and control supported applications installed on their smartphone by simply pushing a button on the steering wheel then saying the name of the application aloud.

Additionally when using a compatible Bluetooth mobile device it is now possible to hear the text messages on the car audio system and see them on the radio's RDS display feed. You can even reply by using your voice. You can even launch and control Navigation features using voice recognition, all with verbal confirmation and audio prompts. InSeam Pro also has integrated parental controls/safety features, which are available on android devices. To avoid driver distractions parents can configure the system disable notifications (SMS text messages) via the RDS display if the vehicle's current speed exceeds a preset speed-limit.

Interface & Wiring Overview

Please visit www.isimplesolutions.com/InSeamPro/App to download the smartphone or PC application that provides vehicle specific wiring and vehicle configuration processes. The smartphone apps are also available by accessing iTunes from your iPhone or Google Play from your Android device.



Features

Voice-Recognition - Using the steering wheel control functions users can remotely launch their preferred VR application on their mobile device. The extent of the VR capabilities available depend upon the specific application being used on the mobile device. The VR function is also available while actively streaming music.

Streaming Music - If a paired mobile device is already playing music upon first starting your vehicle the ISFM2202 will automatically enter streaming music mode and begin transmitting the audio signal through your vehicle's radio on the designated FM station or through the 3.5mm audio output. Music streaming may also be initiated from the steering wheel. Using the vehicle's steering wheel controls operators can change tracks, pause, play, or stop the music on a paired iOS or Android mobile device. The available features of the InSeam Pro have been tailored to your vehicles specific steering wheel controls. Your vehicles specific button configuration can be found by downloading your device specific app from www.isimplesolutions.com/InSeamPro/app. The smartphone apps are also available by accessing iTunes from your iPhone or Google Play from your Android device.

Hands-Free Calling - Using the vehicle's steering wheel controls users can answer calls, end calls, switch to privacy mode, or mute the devices microphone on a paired iOS or Android mobile device.

RDS Text Display - With a compatible mobile device actively connected the ISFM2202 module, in conjunction with the InSeam Pro application, allows vehicle radios equipped with RDS text readouts to display custom information such as caller ID, SMS text messages, and music info right on the vehicle's stereo display. By relaying this information to the vehicle's entertainment system via RDS users can safely see who's calling, sending a text message or what song is playing, without distracting the driver. (Not all devices support this feature.) This feature is not applicable when using the auxiliary output.

Caller ID - When a call is received on a connected mobile device the caller ID information is transmitted through the vehicle's radio system using the RDS protocol, allowing RDS equipped radios to display the number of the caller right on your vehicle's stereo system display. (Caller ID transmission via RDS is not supported by all devices.)

Music Info - When a connected mobile device is being used to stream music to the vehicle's stereo details such as song title, artist, or album are relayed to the vehicle stereo's RDS display. Each time the track changes the RDS readout should update with the new song's relevant information.

SMS Text Messages - When an SMS text message is received on a connected Android mobile device any notifications generated can be relayed to the stereo display for easy reading. To ensure driver safety the InSeam Pro application installed on a connected mobile device can be used to implement speed-limit safety restrictions designed to disable transmission of any SMS notifications via RDS anytime the vehicle's current speed exceeds a pre-determined value.

**Note: Not all mobile devices are capable of forwarding SMS notifications using the FM RDS feature. Currently, this product does not offer support for SMS text message notifications via RDS on iOS devices, however support for compatible iOS devices should be available through future firmware releases.*

Installation

Please visit www.isimplesolutions.com/InSeamPro/App to download the smartphone or PC application that provides vehicle specific wiring and configuration processes. The smartphone apps are also available by accessing iTunes from your iPhone or Google Play from your Android device. We recommend that all wiring connections be soldered to ensure a sturdy and reliable connection.

Configuring/Programming

App Mode

With this method the InSeam Pro can be connected to a smartphone, tablet, or PC in which the application assigns SWC button functionality. The dipswitches on the side of the interface must all be set to down (ON) which is the default position.


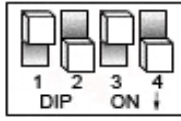


1. Visit www.isimplesolutions.com/InSeamPro/app to download your device specific application.
2. The vehicle control dipswitches on the side of the interface must be set to down (ON) which is the default position. The Bluetooth dipswitches can be left in the default position.
3. Connect the InSeam Pro to your device. If you are using a phone or tablet the supplied USB adapter must be connected to the InSeam Pro. If you are using a PC the supplied adapter is not required.
4. Launch the application or software and follow the on screen prompts

Configuring/Programming (cont.)

Manual Configuration Mode

With this method the InSeam Pro uses a pre-determined dipswitch configuration to assign SWC button functionality. The dipswitches on the side of the interface must be manually set to the proper configuration by the user. These vehicle specific dipswitch settings can be found by downloading your device specific application from www.isimplesolutions.com/InSeamPro/app.

1. Please Visit www.isimplesolutions.com/InSeamPro/app to download your device specific application.
2. Launch the application or software and find your vehicle.
3. Set the vehicle dipswitches according to the application.
4. Set the radio dipswitches according to the chart below.
5. Wire up the interface according to the installation instructions in the application.

Bluetooth Dipswitch Settings			
Default Operating Mode	Firmware Update	Clear Paired Devices	Factory Reset
			

Operation

Activating the InSeam Pro

To activate the ISFM2202 unit’s transmitting function and engage the steering wheel control interface press and hold the button corresponding to “Mode” on your vehicle’s steering wheel for approximately 1-2 seconds. Keep in mind that some vehicles may not have a dedicated Mode/Source button. In these vehicles a sequence of buttons may be needed to activate the InSeam Pro (ie. Vol+, Vol-, Vol+, Vol-). Similarly, if the unit is already active and/or functioning it can be deactivated by pressing and holding the same button/switch (sequence) for the same extended duration of time. While active the vehicles specific steering wheel mounted radio control buttons that are identified via the InSeam Pro App are repurposed for Bluetooth function control. Volume Up and Down will continue to function via the factory radio even when the InSeam Pro is activated. Any additional unmapped/unused steering wheel stereo controls will cease to function until the unit is de-activated, at which time they revert to standard radio control functions. These features have been customized to the users specific steering wheel control buttons. Please reference the InSeam Pro App for button assignment.

Hands-Free Calling

With the ISFM2202 in active mode, the user can control the mobile device’s hands-free calling functions directly from their steering wheel controls allowing users to make, answer, end, and reject calls on their mobile device without taking their hands off the wheel. While in a call the user will also be able to use the vehicles steering wheel controls to switch the call to and from Privacy Mode (switching from the headset to the phone itself) and Mute the interface’s Microphone input. While muted you will still be able to hear the incoming caller, they, however, will not be able to hear you. These features have been customized to the users specific steering wheel control buttons. Please reference the InSeam Pro App for button assignment.

Streaming Music

With the ISFM2202 in active mode the user can start music playing on the paired device by pressing the button that corresponds to “Play/Pause” on your vehicle’s steering wheel. If a paired mobile device is already playing music upon first starting your vehicle, it will automatically begin transmitting through the vehicle’s radio on the designated FM station once the module connects to the Bluetooth device. While streaming music users can also pause and change the tracks by pressing the corresponding buttons for those functions via the steering wheel controls. These features have been customized to the users specific steering wheel control buttons. Please reference the InSeam Pro App for button assignment.

Voice-Recognition

With the ISFM2202 in active or streaming mode users can remotely launch/close the Voice Recognition application on their mobile device by pressing the corresponding buttons for the function via the steering wheel controls. These features have been customized to the users specific steering wheel control buttons. Please reference the InSeam Pro App for button assignment.

**** All of the above mentioned functions can also be performed from the phone directly without use of the steering wheel when operated by the passenger.****

Testing & Verification

1. Turn the ignition on. The red LED on the interface will turn on.
2. Verify that all SWC are functioning properly. The green LED will flash each time it sees a steering wheel button pressed.
3. Turn off the vehicle & remove the key. In vehicles equipped with retained accessory power (RAP) the red LED will remain active. In vehicles that do not support RAP the LED and shut off when the key is switched off or removed from the ignition.

Troubleshooting and FAQ

Vehicle Control LED Legend	
Color	During Normal Operation
Solid Red	Accessory on
Flashing Green	SWC Button is being pressed
Flashing Red/Amber	Error State
Bluetooth LED Legend	
Color	During Normal Operation
Flashing Red	Searching for recently paired device
Flashing Green	Module is connected to a paired device
Flashing Red/Green	Module is in discoverable mode
All LED's Off	Streaming Audio

Error Chime Legend		
Number of Chimes	Description of Error	Fix
Two Chimes	Invalid Configuration	Please check the dipswitches and set them to the proper configuration for your vehicle.
Three Chime	CAN Input and Output Reversed	Disconnect the CAN wires and ensure the proper wires are going to the radio side and vehicle side.

- Q. Where can I find the wiring info to connect the InSeam Pro to my vehicle?
 A. The wiring info can be found within our Android, Apple or PC application.
- Q. Where can I find info on setting the vehicle dipswitches on the side of the module?
 A. The vehicle dipswitch settings can be found within our Android, Apple or PC application.
- Q. The module's LED is flashing between Red and Amber and the module is emitting a series of tones every few seconds.
 A. Please reference the LED and Error Chime legend above for your specific case.
- Q. Is there a way to perform a master reset to the module?
 A. The Vehicle control portion of the interface can be reset, when not connected via USB, by pressing and holding the programming button on the side of the interface for seven seconds until the LED turns amber and a familiar tone is heard. The Bluetooth portion of the module can be reset by setting the Bluetooth dipswitches to the factory reset position and removing/reapplying power to the module. To resume normal operation, remove power from the module, set the Bluetooth dipswitches back to the default position, reapply power to the module.
- Q. I want to clear all devices from the InSeam Pro, how do I do this?
 A. To clear devices via the application you will click the "Clear InSeam Paired Devices" button in the settings menu. If you wish to clear it without using the app you can set the Bluetooth dipswitches according to the table above, remove and reapply power to the module. To resume normal operation, remove power from the module, set the Bluetooth dipswitches back to the default position, reapply power to the module.

Product Updates (Firmware)

The InSeam Pro can be updated with new firmware as it becomes available using the device specific application or a USB flash drive. If using the application to update, please follow the procedures outlined there to update your interface. If using a USB flash drive, follow the procedure below.

1. Visit www.isimplesolutions.com/firmware to download the firmware file
2. Place the firmware file on the root directory of a USB flash drive (formatted to FAT32, it is best that this file be the only thing on the flash drive)
3. Connect the flash drive to the supplied USB adapter
4. Connect the supplied USB adapter (with the USB drive connected) to the InSeam Pro
5. LED will flash amber while updating. If the file on the flash drive is the same the green LED will only flash once.
6. LED will turn solid red once update is complete

FCC Statement

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.

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 Part 15 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. The provided USB cable with a ferrite bead must be used with this device to ensure compliance.

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.

Warranty Information: One Year Limited Warranty

The quality controls used in the manufacture of this product will ensure your satisfaction. This warranty applies only to the original purchaser of this product from an authorized iSimple[®] dealer. This warranty covers any supplied or manufactured parts of this product that, upon inspection by iSimple[®] authorized personnel, is found to have failed in normal use due to defects in material or workmanship. This warranty does not apply to installation expenses. Attempting to service or modify this unit, operating this unit under conditions other than the recommended voltage will render this WARRANTY VOID. Unless otherwise prescribed by law, iSimple[®] shall not be liable for any personal injury, property damage and or any incidental or consequential damages of any kind (including water damage) resulting from malfunctions, defects, misuse, improper installation or alteration of this product. All parts of this iSimple[®] product are guaranteed for a period of 1 year as follows:

Within the first 12 months from date of purchase, subject to the conditions above, iSimple[®] will repair or replace the product at our discretion, if it is defective in material or workmanship providing it is returned to an Authorized iSimple[®] dealer, with PROOF OF PURCHASE from an authorized iSimple[®] dealer.

WARNING: You are responsible for taking appropriate caution when operating a motor vehicle. The vehicle driver should maintain their attention on the road at all times. You agree to use this product in compliance with these instructions, terms of use, and all federal and state laws.

DISCLAIMER: Under no circumstance shall the manufacturer or the distributor of the ISFM2202 be liability for any claims, losses or damages associated with use of the ISFM2202 in connection with a motor vehicle, in noncompliance with these instructions, terms of use, warnings, or any misuse of the product. The manufacturer's and distributor's sole liability associated with the sale and use of the ISFM2202 is the replacement of the product.