![idatalink maestro RR logo]

OWNER'S GUIDE
CH1 & KENWOOD RADIO
RETAINS STEERING WHEEL CONTROLS,
UCONNECT, FACTORY AMPLIFIERS AND MORE!

KENWOOD   CHRYSLER   DODGE   Jeep

PRODUCTS REQUIRED

•iDatalink Maestro RR Radio Replacement Interface
•CH1 Installation Harness

OPTIONAL ACCESSORIES

•AVCH1 - Rear Seat Video Retention Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR01-DS

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.

WELCOME

Congratulations on the purchase of your iDatalink Maestro RR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

This guide is a great addition to both the vehicle owner's guide and the aftermarket radio owner's guide. We recommand having both these documents handy as they cover all the functionality that the Maestro RR retains.

Please note that all the retained functionalities must be initially available in the vehicle.

NEED HELP?

📞 **1 866 427-2999**

✉ **support@idatalink.com**

💬 **maestro.idatalink.com/support**
www.12voltdata.com/forum

USING YOUR STEERING WHEEL CONTROLS *(If equipped)*

Your steering wheel buttons can be used to control your aftermarket Kenwood radio. You can assign steering wheel buttons to Kenwood radio functions. Simply program your Maestro RR module online using the Weblink updater and customize your buttons. Each steering wheel button can control up to two radio features.

PRINT YOUR QUICK REFERENCE CARD

You can print a quick reference card showing your configuration on the Maestro website. If you had your product installed professionally, ask your installer to print this card for you.

maestro STEERING WHEEL CONFIGURATION REFERENCE CARD			maestro STEERING WHEEL CONFIGURATION REFERENCE CARD
button	**press once**	**press and hold**	
Volume Up	Volume +	None	
Volume Down	Volume -	None	
Track Up / Preset Up	Seek +	Answer Call	
Seek Up	Display Navigation Screen	Band (FM,SAT)/Folder +	
Track Down / Preset Down	Seek -	Hang Up/Reject Call	
Source	Next Source	Previous Source	
Mute / Voice	Mute On/Off	uConnect Voice Prompt	**VEHICLE TRIM:** **RADIO:** 2011 Chrysler Kenwood DNN990HD

http://maestro.idatalink.com

RETAINING uCONNECT

When Maestro is programmed to retain uConnect, and the vehicle is equipped with dedicated uConnect steering wheel buttons, these buttons must be pre-assigned in order for uConnect to work properly. If uConnect will be retained, but there are not dedicated steering wheel buttons, any other steering wheel buttons can be assigned to perform the uConnect functions.

Steering Wheel Buttons	Press and Release	Press and Hold	References
VR	uConnect Media Voice Prompt	Available to program	See vehicle owner's guide
	uConnect Phone	Available to program	See vehicle owner's guide

USING YOUR FACTORY SYSTEMS

HOW TO GET THERE:

The following section explains how to access and operate the factory systems that have been retained. Your vehicle must already be equipped with these systems.

uConnect

The Maestro RR module retains your uConnect system functionalities with your new Kenwood radio. For it to be functional, this feature must be retained during the Maestro RR online programming with the Weblink Updater. Three source buttons will be available in the My Car submenu to interact with the uConnect system in your vehicle.
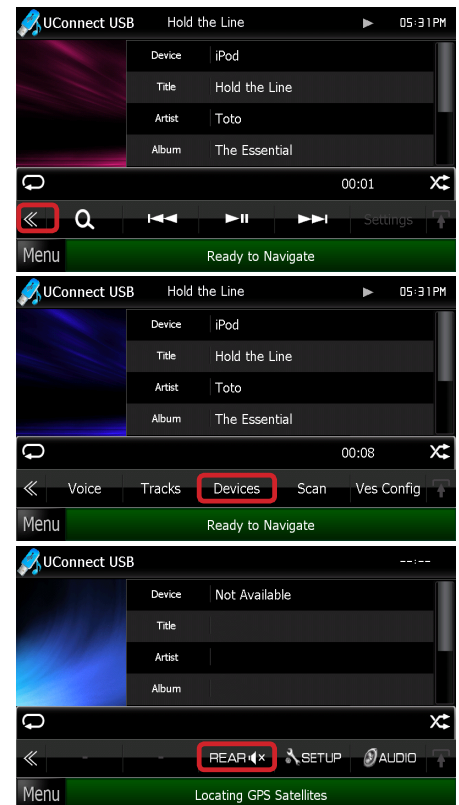
uConnect USB

To play audio from the device connected to the vehicle factory USB port: press "uConnect USB".

From the "uConnect USB" screen, you can browse your music library, choose the device you wish to listen to, initiate a voice recognition event and access typical media player controls such as "play/pause", "random" and "seek".

To access additional buttons, press the arrows to the right of the button bar.

Radio buttons and uConnect buttons are easy to differentiate. uConnect buttons are labeled with only the first letter capitalized while Radio buttons labels are ALL CAPITALIZED.

USING YOUR FACTORY SYSTEMS *(Continued)*

HOW TO GET THERE:

uConnect Phone

If you installed a Kenwood radio with Bluetooth and you have uConnect, there will be two hands-free phone systems installed in the vehicle at the same time. Only one hands-free phone system can be used to make phone calls.

Instructions for installing and setting up the selected hands-free phone are included in the installation guide of this solution. However, it is important to read and understand this section to prevent actions that will cause your system to malfunction.

If you choose to use uConnect for phone calls, your phone must be paired to the uConnect system. A setting in the radio will disable the hands free phone portion of the Kenwood Bluetooth system. You may then pair your phone with the Kenwood Bluetooth, but only for audio streaming.

Once a phone is paired with both Bluetooth systems, it is possible to use either the Kenwood radio or uConnect for Bluetooth streaming, but only uConnect can be used for hands-free calls. The uConnect Phone button will open the phone interface.

The uConnect Phone system is almost entirely voice-command driven and most of the visual items in this screen are disabled. Pressing the microphone button will initiate a voice recognition event for making phone calls, finding addresses, and managing paired devices.

If you choose to use the Kenwood Bluetooth for phone calls, it is important to delete all pairings to uConnect from your phone. This will prevent your phone from pairing with both systems at the same time and creating a conflict.

In addition, the uConnect BT and uConnect Phone icons will be unavailable, but it will remain possible to access the uConnect USB source. It is important to not pair any phones new with uConnect as long as the Kenwood radio is being used for phone calls. In addition, the phone button on the steering wheel (if equipped) should be re-assigned to control the Kenwood calling functions. The Kenwood provided microphone will be used for phone calls.

For more information about how to operate uConnect, consult the documentation that came with your vehicle.

USING YOUR FACTORY SYSTEMS *(Continued)*

HOW TO GET THERE:

uConnect BT

To play audio from the Bluetooth device that is currently paired for streaming: press ¨uConnect BT¨

The ¨uConnect BT¨ screen and the ¨uConnect USB¨ screen are similar visually but are different when it comes to functionality.

From the ¨uConnect BT¨ screen, you can choose the device you wish to listen to, initiate a voice recognition event and access typical media player controls such as ¨play/pause¨ and ¨seek¨.

Many of the advanced media library functions are not available when streaming over Bluetooth.
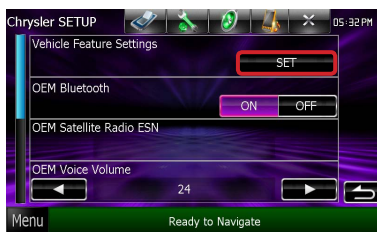
To access additional buttons: press the arrows to the right of the button bar.

Radio buttons and uConnect buttons are easy to differentiate. uConnect buttons are labeled with only the first letter capitalized while Radio buttons labels are ALL CAPITALIZED.
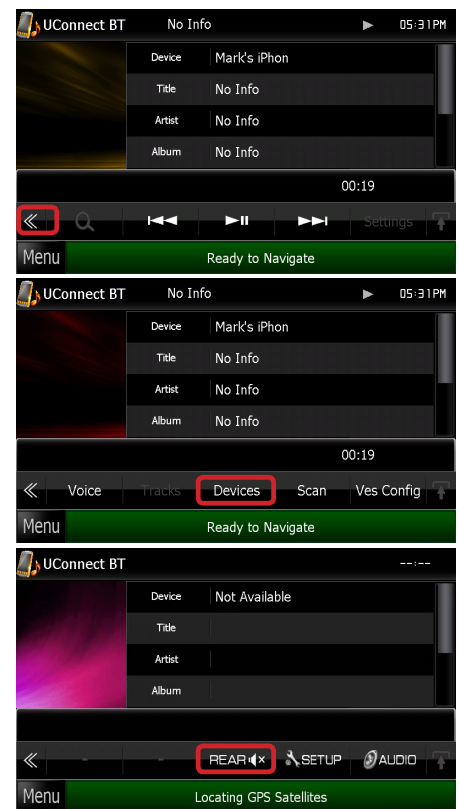
USING YOUR FACTORY SYSTEMS *(Continued)*

HOW TO GET THERE:
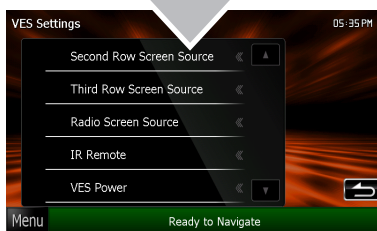
VEHICLE ENTERTAINMENT SYSTEM (VES)

The Maestro RR module detects and operates the factory rear seat video system of your vehicle (if equipped). Furthermore, the Maestro RR is compatible with VES systems containing single and dual screens. The optional AVCH1 harness is required to connect the radio to the VES system. This will provide connections for the AV Out of the radio to drive the factory screen(s) and also provide connections to connect the AUX AV input to the AV input of the radio.

To play video from your Kenwood radio you need to follow the steps listed below:
1. Ensure that the AV Out is set to display the source you want to pass to the factory screens.
2. Go to that source and start the playback.
3. Configure the screen to receive the Head Unit AV Out. This step is described below.

After you have selected the AV source to pass to the rear and started playback, you can change the radio to any other source and use it. The AV source will continue to play on the rear screen(s) and audio will be received on the IR headphones. If desired, you can fade your radio to the front to prevent audio in the rear speakers from interfering with the headphones. To select the source that will be played on the rear screen(s) you need to access the VES Setting menu as shown.

Select either Second Row Screen Source or Third Row Screen Source (if equipped) and then choose the source from the list displayed. If a particular source is not available, it means there is nothing available to play from that source (no disc in the player, nothing plugged into the aux input jack, etc.). You can also disable either screen from this menu if your passengers need a "time out".

You can also use any of the vehicle AV sources on your radio screen. During installation, one of the AV inputs was selected as the VES input.

To watch video, you will need to:
1. Access the VES Settings Menu.
2. Choose Radio Screen Source.
3. Select the desired vehicle AV source.
4. Change the radio to the Video 1 or Video 2 source (whichever was programmed).

BACK UP CAMERA

If your vehicle is equipped with a backup camera and the image from that camera was displayed on your factory radio, you can display this image on your Kenwood radio and it will be displayed when the vehicle is placed in reverse gear. The optional AVCH1 harness is required to make this connection.

USING MAESTRO FEATURES

Maestro features can be accessed in the My Car submenu. If an icon is not active (gray color) then it is not available in your vehicle or it was disabled when the Maestro module was programmed using Weblink. The options described here may not be available in your vehicle.

HOW TO GET THERE:

GAUGES

Press on Gauges to view the gauges that are selected. During the installation, the default gauge choices will be displayed. Press on the Settings button to select other gauges and configure them. When the Maestro RR module is installed, the vehicle is queried and the gauges that can be supported are enabled. When choosing a new gauge from the list, the supported gauges will be displayed in white text and the non- supported gauges will be displayed in gray text. If a gauge is displayed in gray text with a number next to it, the gauge is supported and is already assigned to another gauge on the screen.
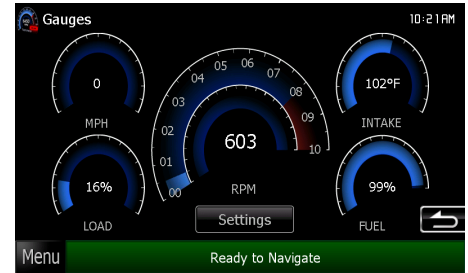
Some gauges have options that can be set. You will see these appear when you select a gauge that has options. In order to use some of the fuel economy gauges, you will need to enter your fuel tank capacity. This information can usually be found in your vehicle owner's guide.

PARKING ASSIST

Press on Parking Assist to see the visual parking assist screen. This option will only be available if your vehicle is equipped a compatible factory parking sensor system. The Settings button will allow you to set this screen to automatically be displayed when the vehicle is in reverse and to change the units of length from feet to meters.

USING MAESTRO FEATURES *(Continued)*

HOW TO GET THERE:

VEHICLE INFO

Press on Vehicle Info to display information about the vehicle such as tire pressure, battery voltage and open entry points. If your vehicle is equipped with a compatible tire pressure monitoring system (TPMS), the digital tire pressures will be displayed for each tire. Should your check engine light come on, the CHECK ENGINE button will become active and you will be able to press this button to see the active trouble codes and attempt to reset them. Press on Settings to configure the alerts that can be generated. These alerts will cause the Vehicle Info screen to come up when certain conditions occurs.
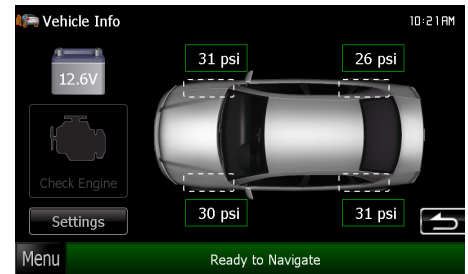
NOTES:

The tire pressures rely on proper programming by the technician when tires are changed or rotated. If your tires have been rotated but not reprogrammed, the tire locations on this screen may be incorrect.

The system will attempt to reset engine trouble codes when you press the Reset button However, this will not correct a persistent problem. If the check engine light comes back on after a reset, the vehicle should be serviced by a qualified technician.

CHANGING THE SETTINGS

HOW TO GET THERE:
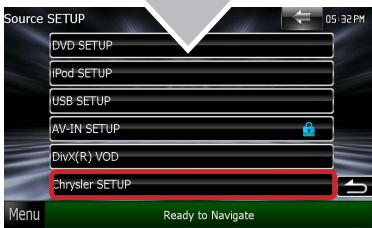
There are several programmable options that affect the way that the Maestro interface works with your vehicle. Not all settings are described here. These settings enable you to customize the features of the system. They can be accessed from this menu or directly from the screen you want to customize by pressing the SETTINGS button on that screen. In the following examples, the screens will say "Chrysler". Chrysler will be replaced by the model of your car in your system.

OEM VOICE VOLUME

To change the OEM Voice Volume press on the screen arrows or press on the steering wheel volume controls when your uConnect system is active.

CHANGING THE SETTINGS *(Continued)*

HOW TO GET THERE:
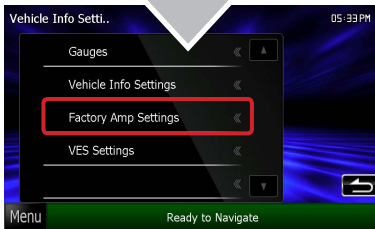

VEHICLE AMPLIFIER

To adjust the settings of your factory amplifier, press on Vehicle Amplifier. This setting will only appear if your Maestro RR module detects a compatible amplifier in your vehicle. This feature must be retained during the Maestro RR online programming with the Weblink Updater.
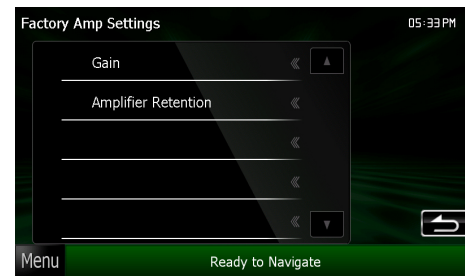
The Gain setting will change the gain of the factory amplifier. The Amplifier Retention setting is used to tell the Maestro module if you are using (retaining) the factory amplifier or if you have bypassed it.

CHANGING THE SETTINGS *(Continued)*

HOW TO GET THERE:
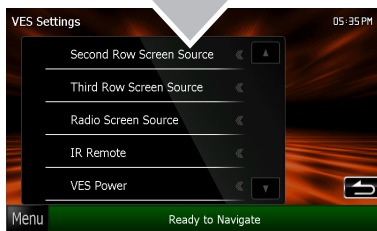
Second Row Screen Source

Choose the source you wish to have playing on the second row screen.

To display what appears on the radio screen, press "Head Unit AV Out".
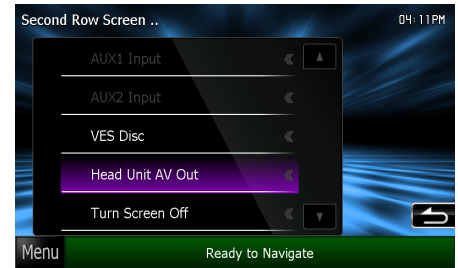To only deactivate the second row screen, press "Turn Screen Off".
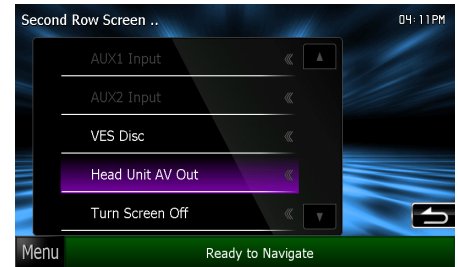
Third Row Screen Source

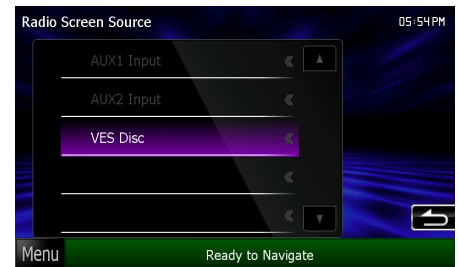Choose the source you wish to have playing on the third row screen.

To display what appears on the radio screen, press "Head Unit AV Out".
To only deactivate the third row screen, press "Turn Screen Off".

Radio Screen Source

Choose the source you wish to have playing on the radio screen. (The screen enclosed in the dashboard.)

NOTE: A grayed out source indicates that there is nothing available to be played from that source. (no disc in the player, nothing plugged into the aux input jack, etc.)

IR Remote

To activate the IR Remote, press "Enabled".
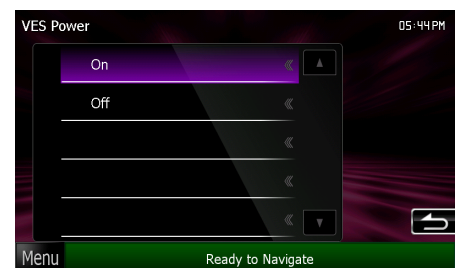To deactivate the IR Remote, press "Disabled".

VES Power

The Vehicle Entertainment System consists of the second and third row screens (if equipped) and the VES disc player.
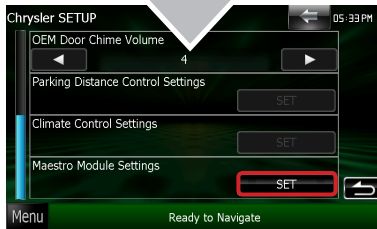
To activate the VES, press "On".
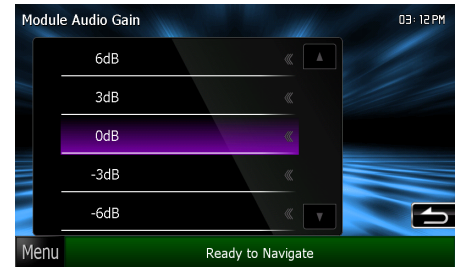To deactivate the VES, press "Off".

CHANGING THE SETTINGS *(Continued)*

HOW TO GET THERE:

Module Audio Gain

The setting will change the gain of the uConnect sources (USB, Phone and BT Streaming).

Radio Input For VES

Choose which Source will be used to display video signals from the Video Entertainment System (VES).