

We recently had to make a trip to Florida for the business and I needed to do a couple things to the Rialta to get it ready. First and foremost was to get the Tire Pressure Monitor working. The system I had had been in for about 6 years (2016 I did a write up on it and it is still listed on the website) and the batteries in the sensors were dead! Since this was an aftermarket system and is not made any more, I was forced to find an entire new system. I could not find a system that worked like the old one did and played thru the radio via a video in connection. The only thing I could find that worked similarly only worked with a Android radio! SOOOOO out came the old radio and in went a new 10-inch android unit.

https://www.amazon.com/dp/B09TQPRWMK?psc=1&ref=ppx_yo2ov_dt_b_product_details

This thing has it ALL!

Built In GPS Navigation

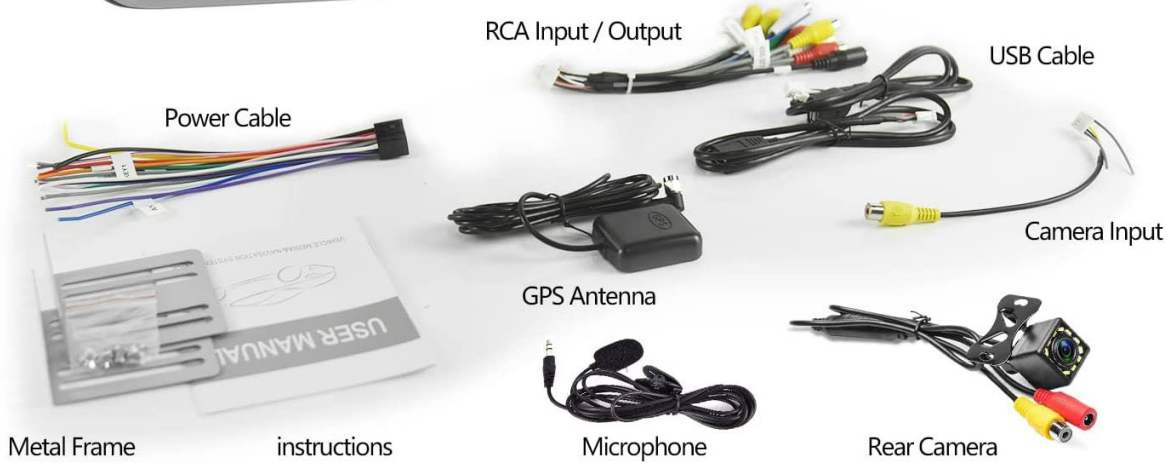
Support both online and off-line navigation, such as Igo map, waze map, can help you find your way more easier, after wifi connected, online maps can be used perfectly

online map

offline map

And it came with everything I needed to hook it into my existing cameras and audio system.

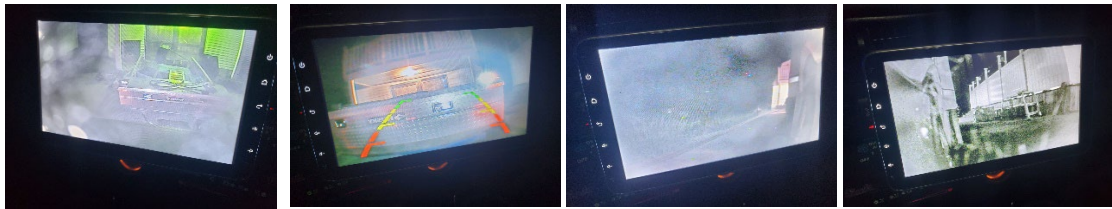
Package List



It is a 1 DIN form factor, so it slid right into the existing opening in the dash.



It supported all my cameras.



Upper Rear

Lower Rear

Left Turn

Right Turn

The upper and lower backup cameras are controlled with a toggle switch that lets you select the one you want. This way you can turn them on any time to act as a rear-view mirror. Also, when I tow the trailer there is a camera mounted on the back of it that becomes the lower rear. It's nice to be able to see behind the trailer while driving!

But the main reason for the new radio was to get a TPMS back working. I really like knowing what is going on with the tire pressures and temps while driving and I really want to be warned if there is a situation forming concerning the tires!!!! The new TPMS connects to the android radio via a USB port. There are 2 USB ports on the radio I will get to the other one in a second. I found a good TPMS that you can get replacement sending units (additional one for the spare if you want).

https://www.amazon.com/dp/B08VNNYXHC?psc=1&ref=ppx_yo2ov_dt_b_product_details



I had to visit my local tire shop to have him break the tire bead so we could replace the sensors with the new ones. That cost me \$50.00 money well spent! The TPMS comes with an app that runs on the Android radio. It shows the pressure and temperature of each tire. It monitors each tire in real time and will sound an alarm and display on the screen if a tire goes below or above the limits that you can set.



ICE/SS/DVR025

1080P Hidden Camera Car DVR

Video Recorder Dash Cam

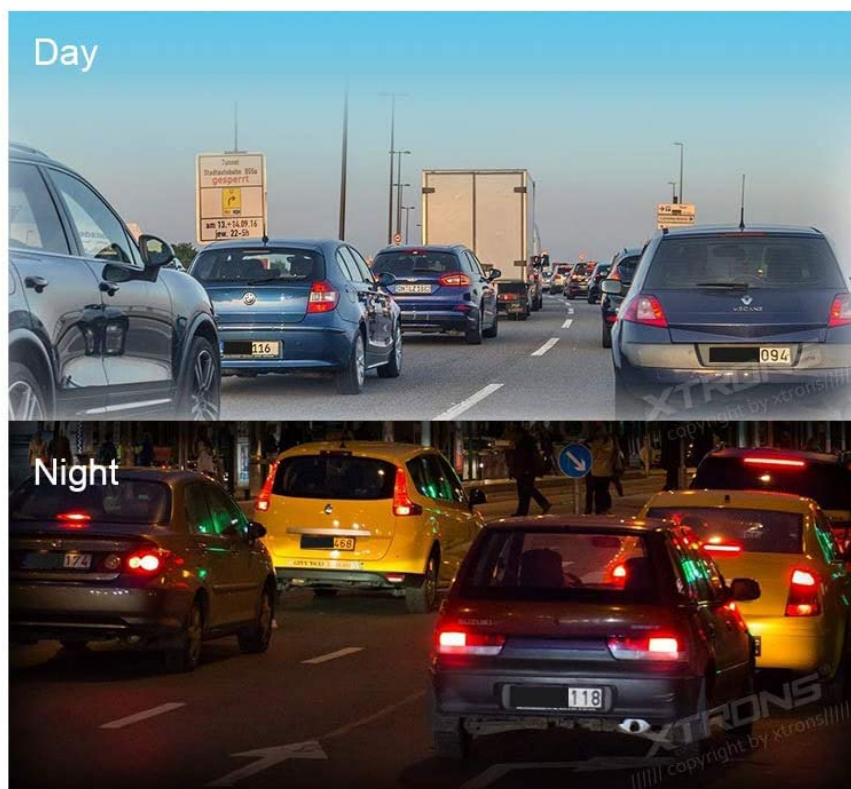
Durable 3M Sticker Supports 64GB SD Card Does Not Restrict View

The image shows a black, compact 1080P Hidden Camera Car DVR. It has a lens on the front and a red SD card slot on top. Below the main image are three circular callouts: the first shows the device with a red 3M adhesive sticker on its back; the second shows the device with a red SD card inserted into its slot; the third shows the device mounted on a car's dashboard, demonstrating its unobtrusive design.

I also wanted a Dash cam and I found one that works with Android via USB and that is what is plugged into the other USB port. I also have the connection to the camera inside of the glove box so you can unplug it and use the port for other things like playing video or music.

True 1080P Resolution

The inbuilt high-end chip is capable of 1080p image processing. It is matched with high fidelity H.264 video compression, and thus captures very detailed and clear pictures.

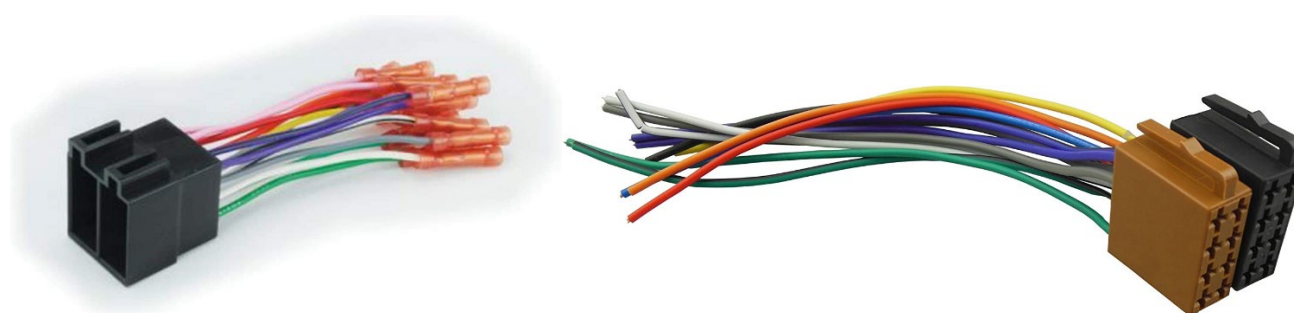


The camera is HD resolution and works fantastic day or night. You really should have a dash cam and there are many out there to choose from. I have them in all our vehicles!

The install was fairly straight forward connect the wires (there a LOTS of them) connect the GPS and radio antennas and slide it in the hole! I used these to simplify the installation. They are the same as the factory connectors I replaced both sides because the factory ones did not have all the connections that I needed.

https://www.amazon.com/dp/B00ZGCF0S?psc=1&ref=ppx_yo2ov_dt_b_product_details

https://www.amazon.com/dp/B004W34BYC?psc=1&ref=ppx_yo2ov_dt_b_product_details



I love the fact that the screen rotates 90 degrees.

Rotatable Touch Screen

180° Rotation



This makes it look a big phone so if are used to your apps in this form factor you will like this layout. This works great for browsing Facebook (the wife did that while we were on the road). The head swivels from left to right also and that gives great visibility from the drivers or the passengers seat. The head also slides up and down and that lets it clear the A/C vents nicely if needed.

The radio is very good and sounds fantastic! Easy to use while driving. The interface is well laid out and the controls are easy to use. The only drawback is that it is FM only no AM. I have my satellite radio connected to the Aux input and that is what I listen to most of the time.



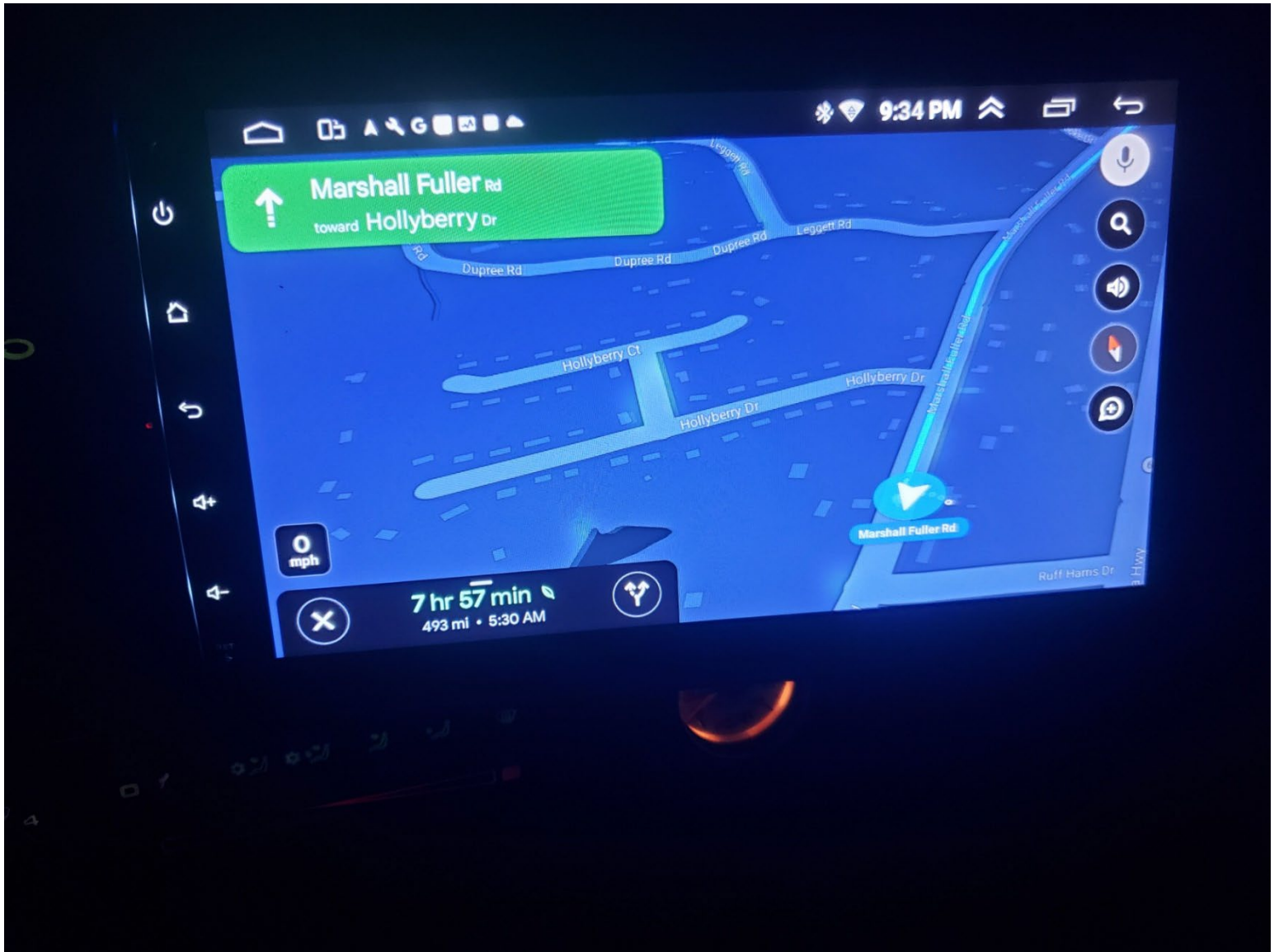
I have added a different launcher to the Android system. Launchers are just skins you can put on Android to customize the interface. I am using AGMA Car Launcher (you can find it in the Google Play Store).



This lets you arrange all your apps in one interface that is easy to customize. AND IT LOOKS AWESOME!!!

The center section can be a clock, vehicle logo, Map directions, Speed, or controls for a Bluetooth device.

It is an awesome GPS/routing display!



You can choose any android mapping app you want to use and load it. I have Google maps and if I connect the radio to my phone using the phone as a hot spot, I can get real time traffic updates. This is great when on a trip we were able to bypass a jam up due to a wreck and saved us several hours on our return journey. The sky is the limit here with POI information, Gas, Food, and a dozen other goodies available via google maps.

This thing is basically just a big Android tablet with a radio built in so you can do anything you can do on an Android phone or tablet. It has an external microphone that can be placed near the driver's head (clipped in the corner of the headliner) that makes the hands-free feature sound great!



Not only can you use it as a hands-free device you can also play music from you phone and control the songs and volume from the radio.



The Radio supports steering wheel controls that most modern cars have. Since the Rialta is not a modern vehicle I found some after market controls that clamp to the steering wheel. They let you control all the functions without touching the radio. They even light up when you turn on the headlights! (They don't light up until you touch them to save on the batteries)



They are powered by easily replaceable AAA batteries, and they make a nice addition to the system.

https://www.amazon.com/dp/B089WDSB1P?psc=1&ref=ppx_yo2ov_dt_b_product_details

This was a great addition to our Rialta it not only got the TPMS back working but it added so many new features.

All in it cost \$328.79 I don't think that is too bad considering all it does. Heck some TPM systems cost more than that. It comes with everything you need to install it including a backup camera. I did not use the backup camera since I already had that installed along with the fancy switch box that handles the side cameras as well. I also installed it on a separate switch on the dash that says Radio on it and lights up with the headlight switch. I did that so you don't have to have the key in the ignition when parked to use the radio. There are a lot of these units out there some cheaper and a lot more expensive! This one had all the features I wanted and was readily available on Amazon (as was all the other parts). So, for the money I got ...

A GPS/navigation system

Tire pressure monitoring system (TPMS)

Backup Camera

Dash Camera

FM Radio

Hands free phone device

Video player

Android Tablet

And some great piece of mind! (As far as my tires go)

Robert