

## New 7 inch Touchscreen /DVD Receiver



I wanted to upgrade my radio to a model that would have Bluetooth capabilities. I also needed an aux input for my satellite radio. I found a 7 inch touchscreen Radio/CD/DVD that has Aux input along with Backup camera input or aux video input. The radio fits in the single DIN slot of the Rialta. I did not get the navigation option because I already have a 7 inch GPS unit that is also connected to my backup camera. The head unit can tilt up or down to provide different viewing angles of the screen and to access the CD/DVD slot. You can also customize the display with your cars logo. The logo

displays on startup and when the aux input is used and there is no video signal present (this is how my satellite radio is connected via the aux input).



Screen display when AUX input is selected



Main screen

In order for the screen to have room to flip all the way down I had to relocate the overhead A/C and rear Heat fan switches. I removed the plastic inserts that the switches were mounted to and cut a piece Lexan to fit the opening. I painted the back of the Lexan black and mounted the switches via holes drilled in the Lexan.

I then used a little hot glue to attach the new panel to the dash.



New switch panel



Satellite radio receiver mounted over rear view mirror.

I already had a Navigation system that also displays the rear view camera. The camera switch is located in the dash and when you turn it on the camera view displays on the 7 inch screen. The camera over rides the Nav display whenever it is turned on.



Camera view and switch





Full dash layout (the bracket on the right holds my cell phone and it can play music thru the radio via Bluetooth)

There are several different models of this radio available. You can get build in Navigation with maps of US and Canada. There is even a model that connects to the ODB2 interface so you can monitor the engine and transmission just like the scan gage. I really like the Bluetooth phone interface that lets you talk hands free and has great sound quality. It took about 15 min to

install. All that had to be done was remove the old radio, install the new mounting bracket, match up the wiring (it was all color coded) then wad it all back into the dash. The touch screen works great with your finger or the included pointing stick. There is also a remote control and an Ipod/Iphone connection that I have hidden in the ash tray. The unit supports DVD playback so you can watch movies on it or connect it to an external display (maybe some headrest monitors). It also has a backup camera connection that can turn on the camera when you put the car in reverse (like I said I did not use this feature). There is also an aux video input and an external camera input (separate from the backup camera) I am thinking of adding a camera that will show the blind spot behind the Rialta and connect it to the extra camera input. It can then be activated from the touch screen to show the area that you can't see in the mirrors.

I think I will enjoy the new addition to the Rialta and the hands free phone will keep me legal in all places.

Robert