

FMAK

Front Mount Antenna Kit for DR Receiver



Route internal coaxial cables from rear to front BNC connectors

The coaxial cables in this kit are routed through the interior of the receiver for a cleaner installation in an equipment rack.



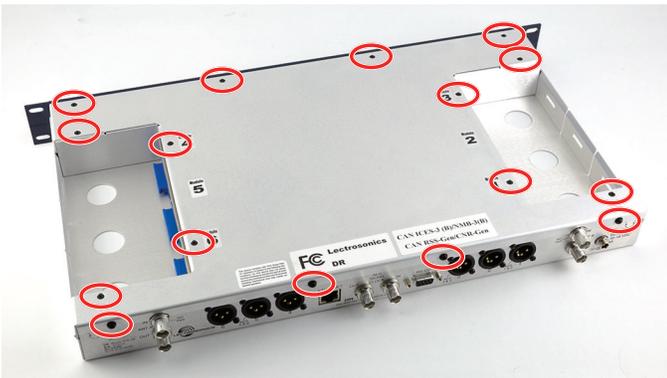
Antennas can still be connected to the rear panel by simply disconnecting the internal cable at the rear panel BNC connector.

Disconnect the power cable and follow the steps in the order shown here.

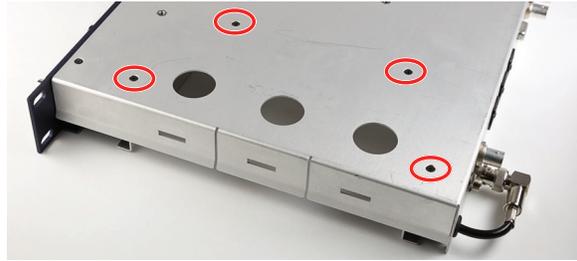
NOTE: The parts on the circuit board are static sensitive. Wear an anti-static wrist strap to avoid damaging them.



Remove the 12 screws from the top cover and the four screws on the rear, and remove the cover.



Turn the receiver over and remove the four screws that hold the module compartment housing. The shield cannot be removed, but it will move enough to allow better access to the front panel hole plug and cable routing.



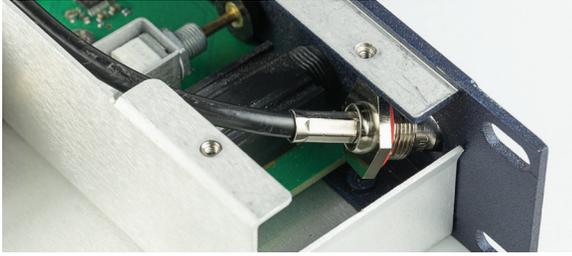
The hole plugs on the front panel have retaining tabs on two sides. In order to remove them, press down on the tabs with a flat screwdriver on the top of the plug **while pushing outward on the plug with your thumb or finger**. The plug will be partially exposed.



Use a small, flat blade screwdriver to press downward on the retaining tabs. Place a piece of thick paper (card stock) between the screwdriver and the panel to avoid scratching the finish, and pry outward to remove the hole plug.



Insert the straight end of the coaxial cable through the hole in the front panel.



Rotate the cable to align the flat in the threads with the flat in the hole so the connector is fully seated, then tighten the nut to hold the connector in place. **Tighten the nut gently** with an adjustable (“crescent”) wrench.



Remove the “knockout” in the rear panel by prying with a small screwdriver.

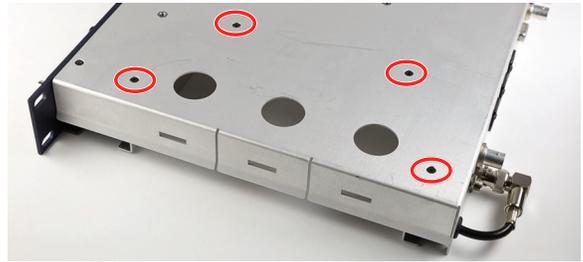


Look closely to make sure no fragments of the aluminum are inside the receiver.

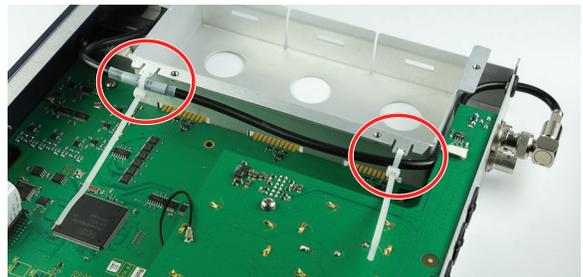
Route the coaxial cable around the module compartment and under the circuit board as shown. Slide the grommet along the cable until it is positioned so the cable is routed as shown to avoid sharp bending of the cable.



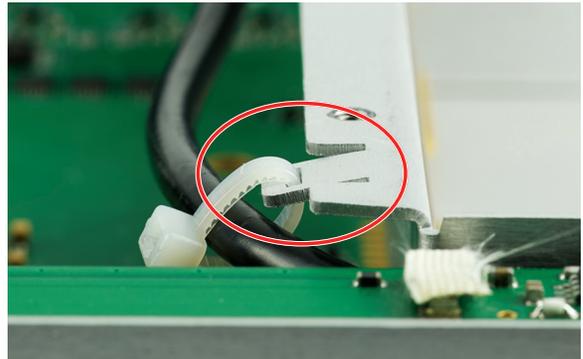
Turn the receiver over and replace the screws that hold the module shield in place.



Route the coaxial cable along the side of the module compartment and fasten it to the tabs on the compartment housing with the tie-wraps.



Trim off the excess end of the tie-wraps and bend the tab on the compartment housing down slightly to allow clearance for the cover.



Repeat these steps for installing the coaxial cable on the other side of the receiver, replace the cover and the procedure is complete.



LECTROSONICS®

581 Laser Road NE • Rio Rancho, NM 87124 USA • www.lectrosonics.com
+1(505) 892-4501 • fax +1(505) 892-6243 • (800) 821-1121 US and Canada • sales@lectrosonics.com

19 December 2016