

# KENWOOD

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## CX-SR20

### SIRIUS® Satellite Antenna Installation Manual

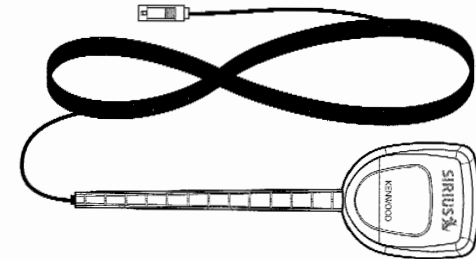
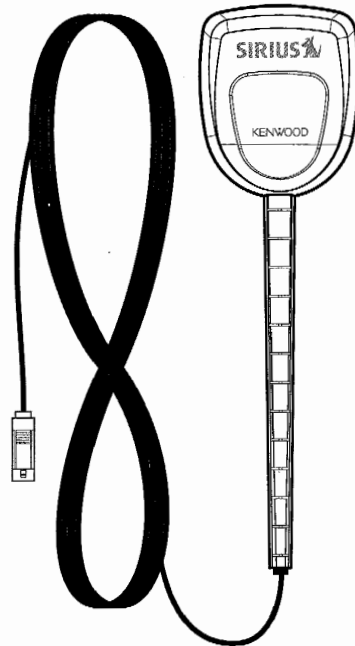
For use with the Kenwood  
KTC-SR902 or other single-lead  
SIRIUS Satellite receiver

[www.kenwoodusa.com](http://www.kenwoodusa.com)

[www.kenwoodusa.com/inquiry](http://www.kenwoodusa.com/inquiry)

**1-800-KENWOOD**

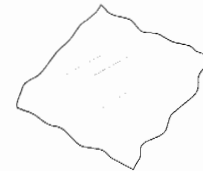
**Main Office**  
P.O. Box 22745  
Long beach, CA 90801-5745



CX-SR20 Antenna



Adhesive strip



Alcohol wipe

### Box contents

Unpack your CX-SR20 carefully and make sure that everything listed here is present:

If anything is missing or damaged, notify your dealer immediately. If your CX-SR20 was shipped to you directly, notify your shipper immediately.

### Congratulations!

Your CX-SR20, approved by SIRIUS Satellite Radio, Inc., has been specially-designed to receive signals from SIRIUS' three satellites and SIRIUS' network of ground-based "repeater" transmitters. The CX-SR20 has been finely-specified to facilitate reception of satellite signals under a variety of conditions across the whole of North America. It is important to follow these instructions carefully to ensure that the antenna is mounted properly in the best location, in order to provide optimum reception quality.

### ⚠ Safety Precautions

#### CAUTION

Installation should be carried out at or above room temperature. Colder temperatures could affect the curing time of the antenna tail's adhesive. At room temperature, maximum adhesion usually occurs within 72 hours. During this period, car washes and other contact with the antenna and tail should be avoided. Warmer temperatures will also make it easier to route the antenna cable around any windows or other obstructions.

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3. Place the antenna at the selected location. The magnets will adhere it to the vehicle.
4. Remove the red protective backing from the adhesive and firmly adhere the tail to the vehicle.
  - At room temperature, maximum adhesion usually occurs within 72 hours. During this period, car washes and other contact with the antenna and tail should be avoided.

**Note: Do not shorten the antenna's tail. Doing so could damage the cable, since the tail is integrated with the cable insulation. (See warning below.)**

5. Route the exposed portion of the antenna cable from the end of the tail to the vehicle's interior by tucking it underneath the rubber molding around the vehicle's rear window, as shown in Figure 3, below.

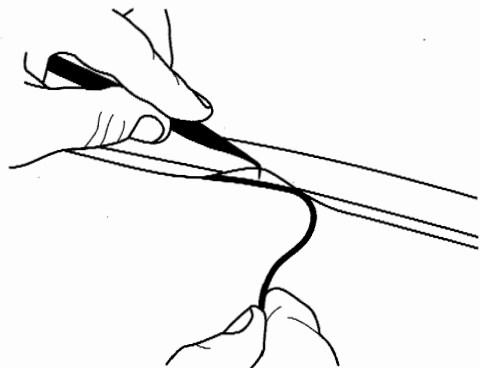


Figure 3: Routing the antenna wire underneath the window molding

**⚠ WARNING**

It is important that the insulation on the antenna cable does not become cut or nicked during the installation procedure. (Damage to the cable can allow water to wick up into the antenna housing, causing the antenna to fail and preventing the KTC-SR902 SIRIUS tuner from operating.) Do not route or pull the cable against sharp edges or around sharp corners.

6. Route the cable from the lowest point of the rear window into the trunk. Take advantage of any existing cable channels or wiring conduits.
  - For SUVs, minivans and 5-door vehicles, bring the cable into the vehicle under the rubber molding from the tailgate, and continue under the interior trim.
7. Once the wire is in the trunk, continue to route it to the KTC-SR902 SIRIUS tuner. If the KTC-SR902 is not located in the trunk, route the cable to the tuner by running it under the interior trim.

<b>Shape</b>	"Beveled Teardrop"
<b>Color</b>	Black
<b>Dimensions</b>	70mm x 59mm x 20mm
<b>Weight</b>	approx. 135g

<b>Cable</b>	14 ft, micro low loss
<b>Connector</b>	SMB (with FAKRA housing)
<b>Mounting</b>	Magnetic
<b>Cover</b>	Impact-resistant glass-filled nylon

**Mounting the Antenna**

The CX-SR20 uses 3 powerful magnets to secure the antenna itself to a metal surface. The antenna's 'tail' protects the exposed portion of the antenna cable from the elements. The tail has an adhesive strip that (once cured) will firmly adhere it to the vehicle.

1. Find an antenna location on a metal surface at least 12" x 12". The antenna should be mounted exactly 5.5" (the length of the antenna's tail) away from the vehicle's rear window, so that only the portion of the cable protected by the tail is exposed. (See Figure 1, below.)

- Best reception is achieved with the antenna mounted on the roof; mounting on the trunk lid will work for convertibles.

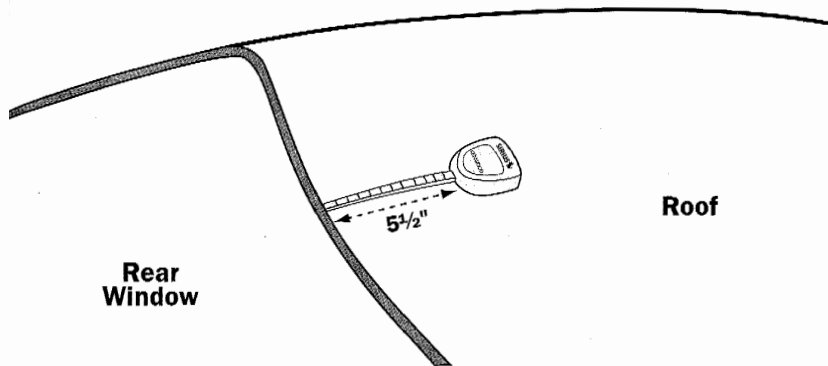


Figure 1: An example of proper antenna location

- If the vehicle has a roof rack or skid ribs, it may be necessary to mount the antenna off-center, away from obstructions that could interfere with reception. (See Figure 2, below).

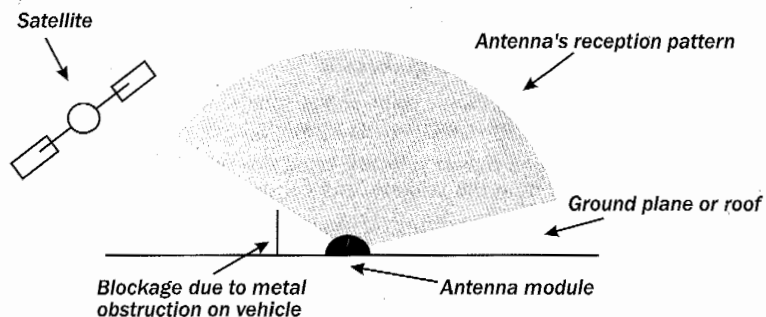


Figure 2: Effect of an obstruction on the antenna's reception pattern

2. Use the provided alcohol wipe to clean the general area where the antenna is to be mounted on the vehicle, and the underside of the antenna tail.
3. Remove the yellow protective backing from the adhesive strip and firmly adhere it to the underside of the antenna tail. (Do not remove the red protective backing at this time.)