

EXTENSION MAST OR RAIL MOUNTING

If you are attaching the antenna to a marine extension mast or rail mount:

Step 1: Route the 6” cable from the antenna through the Pedestal Top.

Step 2: Screw the antenna onto the Pedestal Top.

Step 3: Route the 25’ (or optional) cable through the extension mast or rail mount.

Step 4: Attach the 25’ cable’s connector to the connector on the 6” antenna cable.

Step 5: Screw the antenna assembly onto the extension mast or rail mount. **IMPORTANT: Rotate the cable counterclockwise while turning the antenna assembly clockwise. Make sure the cable turns freely and does not bind.**

SPECIAL NOTE: The hole in ratchet-type antenna mounts will not accommodate the SRA-50’s connector. You must use the included flange mount, a rail mount, or an extension mast, which will allow the cable and its connector to pass through. **Do not cut the cable and do not remove the connector.**

Skip to “Completing the installation,” below.

LOW PROFILE BASE MOUNTING

If a low-profile mounting option is desirable and access under the mounting surface is unavailable, the antenna can be mounted onto the low-profile Antenna Base which can then be screw in from the top. The cable with its connector attached can be routed through a 9/16” hole drilled in the mounting surface, or passed through the knife slit on the Base Gasket.

If you are running the cable through the mounting surface:

Step 1: Drill a 9/16” center hole for the antenna cable. When drilling fiberglass surfaces, use a small backup block of scrap wood to control push-through splintering. Use caution to avoid drilling through or near fuel lines, fuel tanks, hydraulic lines, or electrical wiring.

Step 2: Attach the antenna onto the Antenna Base by using the nut and washer.

Step 3: Orient the antenna as required, place on the mounting surface and take off the antenna leaving the gasket in the same position. Use gasket as a stencil to mark locations for mounting holes.

Step 4: The supplied mounting screws will accommodate most surfaces. If you find them too long, too short, or otherwise unsuitable for your application, substitute wood screws, machine screws/washers/nuts, or other hardware (not supplied). Be sure to use only stainless steel hardware. If you find it too difficult to start the screws, drill 7/64” pilot holes.

Step 5a: Pass the 6” cable along with the connector through the center hole and place the Antenna with Antenna base and Base Gasket onto the mounting surface aligning it to the marks made in Step 4.

Step 6: Use the supplied self-tapping screws or other stainless steel hardware (not supplied) to mount the antenna assembly onto the surface. Do not overtighten.

If you are running the cable through the mounting surface: Follow Steps 2 through 4 above.

Step 5b: Lay the 6” cable into the Knife-slit and place the Antenna with Antenna base and Base Gasket onto the mounting surface aligning it to the marks made in Step 4 in the above section. Go back and complete previous section from Step 6.

Completing the installation

Step 1: Route the cable to your satellite radio receiver.

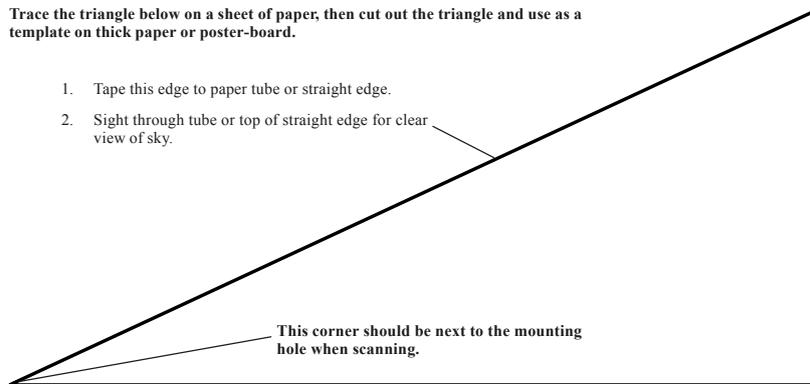
IMPORTANT: If your satellite receiver has two antenna input terminals, the optional SRS-1 Splitter may be required. Newer models may differ, so consult your dealer or Shakespeare for up-to-date information.

Step 2: Attach the SMB connector to your satellite radio receiver. See the receiver’s manual for precautions and instructions. Done!

Satellite Shooter Template

Trace the triangle below on a sheet of paper, then cut out the triangle and use as a template on thick paper or poster-board.

1. Tape this edge to paper tube or straight edge.
2. Sight through tube or top of straight edge for clear view of sky.



This edge must be kept horizontal at the mounting location

Optional Accessories

SRS-3-Kit	DC Voltage Splitter for antenna cables up to 50'
SRC-35	35' RG-58 cable kit with connectors
SRC-50	50' RG-58 cable kit with connectors
SRC-90	90' RG-8X cable kit with connectors

The length of the cable run from the antenna to the satellite radio receiver can be extended by using the one of the optional cable kits listed above. Note: These cables **replace** the 25’ cable supplied with the antenna, and must be used as supplied. They cannot be lengthened, shortened, or connected together as extensions.

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APPROVED

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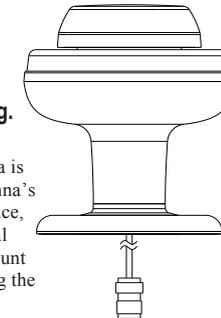
ACCESSORY

GALAXY® Style SRA-50

Thank you for choosing a Shakespeare product. Shakespeare works hard to build reliability and durability into all of its products for maximum customer satisfaction. Customer comments are welcome. Before installing, please study the diagram and check parts supplied against those listed.

IMPORTANT: Please read all instructions before installing.

The Shakespeare Galaxy® Style SRA-50 Satellite Radio Antenna is a versatile antenna for receiving SiriusXM® Satellite Radio. The antenna’s versatile mounting permits attaching the antenna directly to a flat surface, on a low profile base, to the included Pedestal Mount kit, to an optional extension mast (1”-14 thread), or to a Shakespeare Style 4720 Rail Mount (sold separately). When the pedestal base is used, the kit allows routing the antenna’s coax cabling with or without passing the cable through the mounting surface. In all cases, a SiriusXM Vehicle Tuner and Subscription are required. For more information, visit www.siriusxm.com



Supplied parts:

- (1) SRA-50 Antenna with 6” cable and TNC Female connector
- (1) 25’ Coax Cable with TNC Male and SMB connectors

The length of the cable run from the antenna to the satellite radio receiver can be extended by using the one of the cable kits listed on page 6 (each sold separately). **Note:** These cables replace the 25’ cable supplied with the antenna, and must be used as supplied. They cannot be lengthened, shortened, or connected together as extensions.

- (1) Bag containing: (1) Extension shaft, (1) Lockwasher, (1) Retaining nut
- (1) Antenna Base for low profile mounting
- (1) Base Gasket
- (1) Pedestal Top for mounting on standard 1”-14 mounts
- (1) Rubber Seal Ring
- (1) Pedestal Bottom for pedestal mounting
- (1) Pedestal Gasket
- This instruction sheet

Tools required: Screwdriver, Marking pencil, drill and drill bits (9/16”, 7/64”), needle nose pliers, or other tools appropriate to your specific application may also be needed.

Required materials: Silicone Sealer (RTV) when flush mounting

**DO NOT CUT OR ALTER THE ANTENNA CABLE.
DO NOT REMOVE ITS CONNECTOR.**

Choose a mounting location. The SRA-50 antenna must be mounted horizontally in a location that is open and has a clear view of the sky. It must be mounted away from any metal objects or other structures that could block the line-of-sight reception of the satellite signal. The height of the antenna is not as important as having a clear view of the horizon. To determine the best location for the SRA-50, hold the Satellite Shooter template (back page) horizontally at the chosen mounting location and follow the instructions on the template. Scan a full circle with the Shooter to make sure no obstacles block the antenna's view of the sky from overhead.

The Pedestal mounting requires a flat, not curved surface, or the antenna can be mounted on the 1"-14 thread end of a marine antenna extension mast or a Shakespeare Style 4720 Rail Mount (each sold separately). The antenna's cable can be routed through a hole in the mounting surface, through the Pedestal, or through the extension mast.

IMPORTANT: When mounting to a flat surface using the pedestal or low-profile Antenna Base options, orient the Pedestal/Antenna Base so that its cable exit faces the rear of the vessel or vehicle, away from oncoming wind due to normal vessel or vehicle motion. Mount the SRA-50 so that it does not interfere with safe operation of the vessel or vehicle.

In choosing how and where to mount the antenna, consider the accessibility of the area underneath, and whether the area is clear of any wires or other obstructions. Choose a convenient pathway for running the coax cable as far as possible from other electrical cables.

If the distance between the antenna and your Satellite receiver is more than 25 feet, special Shakespeare cable kits are available (see Optional Accessories, back page). Acquire the appropriate kit before proceeding.

SURFACE MOUNTING

If you are attaching the antenna directly to a flat surface, the cable with its connector attached can be routed through a 9/16" hole drilled in the mounting surface.

Do not cut the cable and do not remove the connector.

Step 1: Drill a 9/16" mounting hole. For mounting surfaces from 1/4" to 1" thick, use the extension shaft (supplied).

- Route the 6" antenna lead with TNC female connector through the center of the extension shaft.
- Thread the Extension Shaft onto the existing antenna shaft and tighten.

Step 2: Pass the connector, cable, and shaft (if used) from the SRA-50 through the hole.

FIGURE 1
Direct surface mounting for surfaces up to 1/4" thick

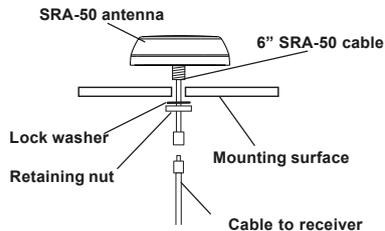
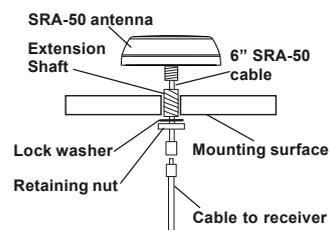


FIGURE 2
Direct surface mounting for surfaces 1/4" - 1" thick



DO NOT CUT THE CABLE OR REMOVE THE CONNECTOR!

Step 3: Secure the antenna to the mounting surface with the supplied retaining nut and lock washer (see Figures 1 & 2). A small bead of RTV around the outer edge of the antenna base is recommended to insure a watertight seal.

Skip to "Completing the installation" on page 5.

PEDESTAL MOUNTING

If you are attaching the antenna/pedestal assembly to a flat surface, the cable with its connector attached can be routed through a 9/16" hole drilled in the mounting surface, or passed through the Mounting Flange. **Do not cut the cable and do not remove the connector.**

If you are running the cable through the mounting surface:

Step 1: Drill a 9/16" center hole for the antenna cable. When drilling fiberglass surfaces, use a small backup block of scrap wood to control push-through splintering. Use caution to avoid drilling through or near fuel lines, fuel tanks, hydraulic lines, or electrical wiring.

Step 2: Assemble the antenna along the provided mounting parts just as in the exploded view on page 4. Orient the antenna as you prefer. Mark a pencil line on the flange and the mounting surface to serve as an index in step 6b.

Step 3: While holding the Pedestal Gasket to the surface, lift off the assembly and use the Pedestal Gasket as a template to mark locations for the mounting screws.

Step 4: The supplied mounting screws will accommodate most surfaces. If you find them too long, too short, or otherwise unsuitable for your application, substitute wood screws, machine screws/washers/nuts, or other hardware (not supplied). Be sure to use only stainless steel hardware. If you find it too difficult to start the screws, drill 7/64" pilot holes.

Step 5: Unscrew the Pedestal Bottom from the rest of the antenna assembly and place the Pedestal Gasket in the Pedestal Bottom.

Step 6a: Attach the Pedestal Bottom and gasket to the surface, oriented according to the mark made in step 2. Use the supplied self-tapping screws or other stainless steel hardware (not supplied). Do not overtighten.

Step 7a: Attach the rest of the antenna assembly to the mounted Pedestal Bottom.

Skip to "Completing the installation" on page 5.

If you are running the cable through the side of the Pedestal Bottom:

Follow Steps 2 through 5 above. Then:

Step 6b: Use needle nose pliers to break off one of the three cable knockouts in the Pedestal Bottom, as determined and marked in step 2 above. The choice of knockout must be determined in step 2. (See illustration on page 2)

Step 7b: Position the cable in the gasket's knife-slit while fitting the gasket into position in the Pedestal Bottom.

Step 8: LOOSELY attach the Pedestal Bottom with Gasket to the surface, orienting it according to the mark made in step 2. Use the supplied self-tapping screws or other stainless steel hardware (not supplied). Do not overtighten.

Step 9: Attach the rest of the antenna assembly to the mounted Pedestal Bottom.

IMPORTANT: Rotate the cable **counterclockwise** while turning the Thread Adapter **clockwise**. Make sure the cable turns freely and does not bind.

Step 10: Firm up the mounting screws, but do not over tighten.

Skip to "Completing the installation" on page 5.

