

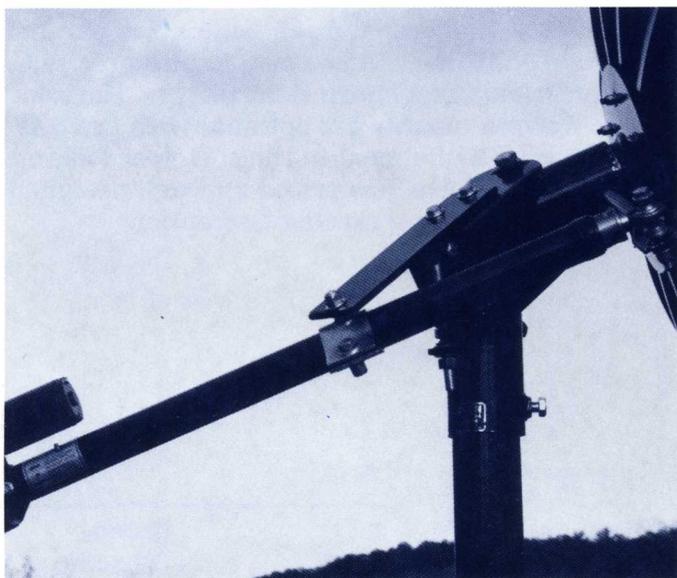
The SX7 FEATURING...

ORBITRON Design

Orbitron's high standard of design has produced an aesthetically pleasing and reliable antenna that produces a sharp, sparkle free picture. Some features that contribute to the success of the Orbitron design are:

Parabolic stressed frame construction is simply the relationship between the design of the ribs and the method of attaching them to the other structural members of the antenna. The ribs are formed so that as the hub is tightened the resulting tension on the ribs forms a rigid, true parabolic antenna.

The steel "**Quick Hub**" allows speedy single wrench assembly. The hub assembly holds the center of all 12 extruded aluminum ribs in position, forming a precise, parabolic antenna.



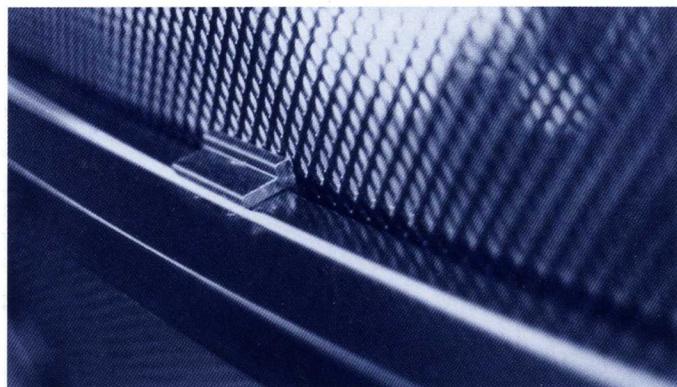
Shown above is a profile view of the actuator, beam extension plate, polar mount hub and antenna dish.

A sturdy **quad leg feed support** provides precise centering of the feed horn in addition to providing greater antenna strength.

"**Spinclination**", unique to Orbitron, allows accurate and precise declination setting by simply rotating the antenna to the correct latitude setting found on the declination scale on the polar tube.

Die formed, double curvature mesh panels help provide the parabolic accuracy necessary to provide sharp C/Ku reception.

A **baked-on black powder coat finish** is used on all parts of the SX7. This coating offers excellent protection from rust and corrosion under most weather conditions.



A close-up view of Orbitron's Mesh-Lok design shows how the mesh clip holds the mesh panel in place and how the mesh fits into the rib groove.

The **mesh-lock rib design** used on the SX7 forces the mesh against the top of the rib groove for better mesh retention. Aluminum clips then snap into the bottom of the mesh groove to lock the mesh in place.

Orbitron antennas are UPS shippable anywhere in the USA or Canada. Dealers appreciate the convenience of next day delivery and low UPS rates.

A **5 year limited warranty** covers defects in materials and workmanship.



Orbitron's horizon-to-horizon mount, shown here, is an available option for this and other Orbitron antennas.

An **optional horizon-to-horizon mount** is available for the SX7. This mount is capable of interfacing with all popular receivers and features ± 0 to $.14$ degrees pointing accuracy. The mount has snow dumping capability and won't freeze up in winter.

ORBITRON

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