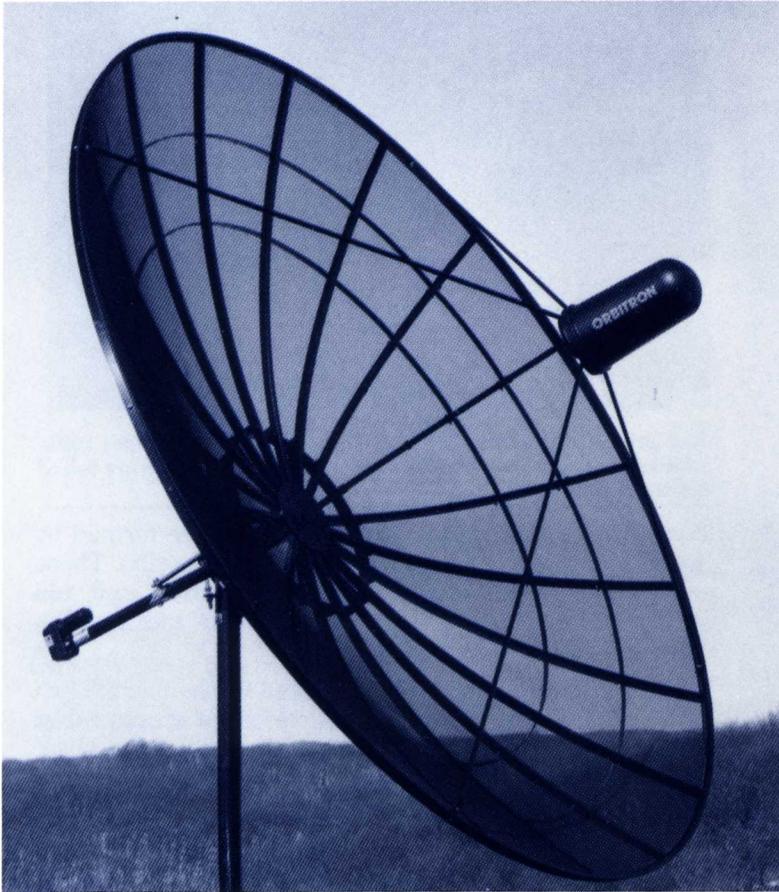


ORBITRON



the SX12

PRECISION ANTENNA

Craftsmanship, a characteristic of every Orbitron antenna, is especially evident in Orbitron's SX12. Orbitron's concern with the integration of design, materials, detail and workmanship has resulted in a superior high gain antenna that offers excellent reception. The SX12 features Orbitron's standard stressed frame design, die formed mesh panels, heavy steel mount and hub, and black powder coat finish. In addition, the SX12 has incorporated two mesh rings to guard against panel blow out and assure strength and parabolic accuracy. Rib clips anchor the eighteen extruded aluminum ribs to the sturdy steel support ring. The SX12 is also available with optional elevation adjustment. This allows tracking of unstable and inclined orbit satellites. An optional horizon-to-horizon mount is also available. Orbitron's dedication to a high level of craftsmanship in bringing design and materials together has resulted in the construction of a superior high performance antenna, the SX12.

SPECIFICATIONS:

Diameter:	11.7'	(3.6m)		
Focal length:	50.4"	(128.0)		
(Measured between front plate and feed focus: 50.12", 127.3 cm)				
F/D ratio:	.36			
Gain at 4.2 GHZ:	42.2 dBI			
Gain at 12.2 GHZ:	49.5 dBI			
Pole size:	3.5" O.D.	(8.9cm)		
Shipping weight:	202 lbs.	(82 kg)		
Crate size AB:	73" x 14" x 6"	(186 x 36 x 16cm)	D: 15" x 15" x 27"	(39 x 39 x 69cm)
C:	31" x 32" x 10"	(79 x 82 x 26cm)	E: 5" x 5" x 75"	(13 x 13 x 191cm)

Craftsmanship

ORBITRON

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