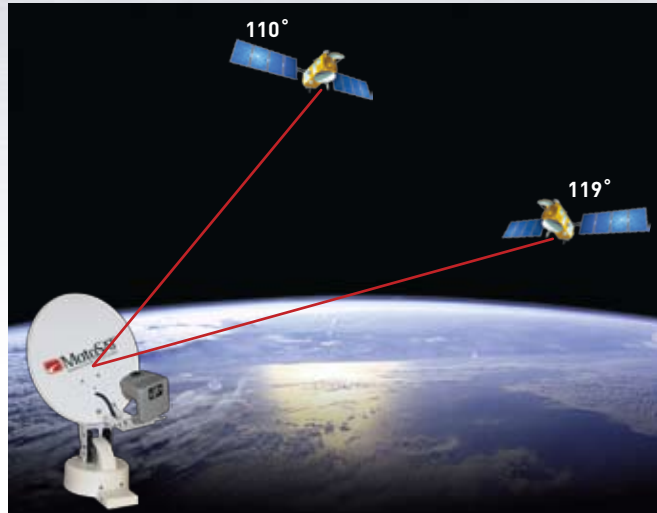


MD500™



An Industry First

- Skewable Dish – Aligns on multiple satellites.
- Can use two receivers to watch two different satellites at the same time.
- No moving from one satellite to another.
- Dish Pro™ (Dish 500) and Bell ExpressVu™ capable.
- Dependable Performance.



- Rugged design and construction, with a wind resistance of 25 mph deployed and 140 mph stowed.
- Satellite acquisition in under three minutes.
- Simple, two-button “Find and Stow” operation via the Nomad 2™ Controller.
- MotoSAT’s Trademark Blue LED illumination.

The MD500 will receive TV signals from two different satellites simultaneously using its unique skewing ability. It will provide coverage of Dish Networks satellites 110° and 119°. It will also provide coverage of Bell ExpressVu 82° and 91° satellites. Seeing both satellites at the same time will allow two receivers to view programming from either satellite independently. No moving of the dish from satellite to satellite. The MD500 is truly a comprehensive solution for multiple satellite acquisition.

The MD500 is the next step in mobile satellite TV's evolution. MotoSAT introduced the MD500 in 2004 as the world's first mobile satellite television system featuring a skewable dish face, enabling simultaneous multi-satellite acquisition with the push of a single button. Using the Nomad 2 Controller, the MD500 is capable of receiving the Dish Network and Bell ExpressVu HD broadcast signals. Come and experience the very best in mobile satellite TV!



THE **MD500** IS POWERED BY
NOMAD 2



UNIVERSAL DVB CONTROLLER

INTERFACE:

Two-button "Find and Stow"

TUNER:

DVB [Digital Video Broadcast] Tuner

DIMENSIONS:

10" long, 7" wide, 1.25" tall

WEIGHT:

2.5 lbs.

CONTROLLER VOLTAGE:

12 volt 4 amp DC

MD500 TECHNICAL SPECIFICATIONS

CABLING

SUPPLIED INSTALLATION CABLE:

30' 9-conductor 22 AWG control cable
30' RG6 coaxial signal cable

MOUNT CABLING:

Mount comes pre-wired for dual line
outputs

WIND RESISTANCE

STATIONARY (DEPLOYED)	TRAVEL (STOWED)
45 mph	140 mph

OPERATIONAL TEMPERATURE RANGE

-20 F° to 125 F°

MAINTENANCE PORT

PROGRAM I/O:

Serial Interface for software upgrades
Optional program module available
upon request

MOTORS

MOVEMENT FUNCTION:

Elevation, Azimuth and Skew

MOTOR VOLTAGE:

12 volt 1.2 amp DC maximum draw

REFLECTOR SPECIFICATIONS

MOVEMENT:

3 axis motor drive [elevation, azimuth,
skew]

ANTENNA DIMENSIONS:

21.25"W x 23.5"H effective area
(elliptical)

DIMENSIONS

STOWED:

10.5" tall, 21" wide, 35.25" long

WEIGHT:

35 lbs.

Ask Your Local **MotoSAT** Dealer:



 **MotoSAT**TM
MOBILE SATELLITE SYSTEMS