



308 Industrial Park Rd.  
Starkville, MS. 39759

## MSHD

### Lower Mast Support Heavy

For All

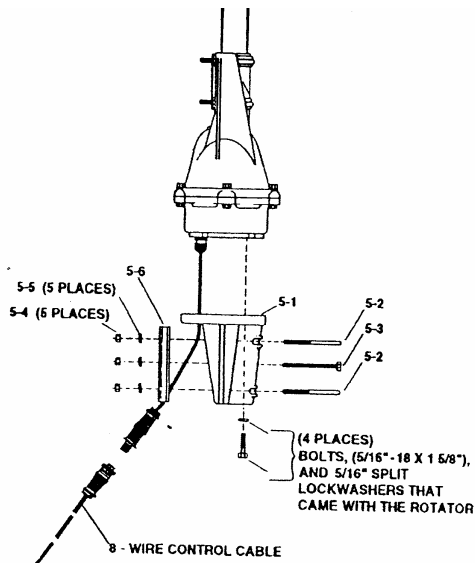
Tailtwister & Ham Series Rotators

## INSTRUCTION SHEET

Thank you for purchasing the MSHD, Lower Mast Support kit for your TailTwister or HAM Series rotator. The MSHD kit is used to mount your rotator outside of the tower on top of a mast. The kit comes complete with all of the necessary hardware to facilitate the mounting of the rotator. The kit is an optional product and does not come with the Tailtwister or Ham series rotator.

### NOTE

THIS IS AN ACCESSORY KIT AND SHOULD BE PURCHASED EITHER FROM HY-GAIN OR AN AUTHORIZED HY-GAIN DEALER.

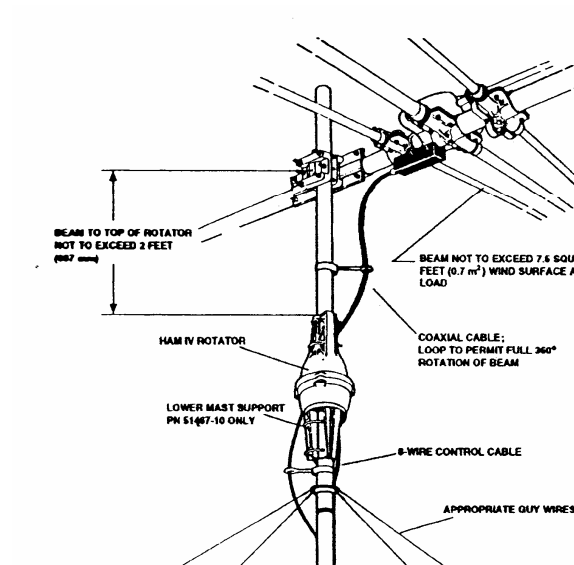


Rotator Mounting with Mast Support  
With Cable Routing

Part No.	Description	Qty
5142800	Lower Mast Clamp	1
5142700	U-Bolt, 5/16\"-18 x 3-1/4\" x 4\", SS	2
5142400	Bolt, 5/16\"-18 x 4\", Hex Head, SS	1
555747	Nut, 5/16\"-18, Hex, SS	5
546792	Lockwasher, Split, 5/16\", SS	10
5142602	Lower Mast Support Machined Casting	1
656-0375S	Screw, 6-32 x 3/8\", SS	2
5033900	Terminal Cover	1
5091400	Grommet for Terminal Cover	1
5149600	Screw, 5/16\"-18 x 1-5/8\", SS	4

### CAUTION

WHEN ROTATOR IS INSTALLED USING THE LOWER MAST SUPPORT KIT, THE ANTENNA SIZE MUST BE REDUCED BY ABOUT 50% OF THE RATED ROTATOR WIND LOAD SPECIFICATION.



Pole Mounted Rotator

# **hy-gain**

## **LIMITED WARRANTY**

**hy-gain** Warrants to the original owner of this product, if manufactured by **hy-gain** and purchased from an authorized dealer or directly from **hy-gain** to be free from defects in material and workmanship for a period of 12 months for rotator products and 24 months for antenna products from the date of purchase provided the following terms of this warranty are satisfied:

The purchaser must retain the dated proof-of-purchase (bill of sale, cancelled check, credit card or money order receipt, etc.) describing the product to establish the validity of the warranty claim and submit the original or machine reproduction of such proof-of-purchase to **hy-gain** at the time of warranty service. **hy-gain** shall have the discretion to deny warranty without dated proof-of-purchase. Any evidence of alteration, erasure or forgery shall be cause to void any and all warranty terms immediately.

**hy-gain** agrees to repair or replace at **hy-gain's** option without charge to the original owner any defective product under warranty, provided the product is returned postage prepaid to **hy-gain** with a personal check, cashier's check or money order for \$8.00 covering postage and handling.

Under no circumstance is **hy-gain** liable for consequential damages to person or property by the use of any hy-gain products.

Out-of-warranty Service: **hy-gain** will repair any out-of-warranty product provided the unit is shipped prepaid. All repaired units will be shipped COD to the owner. Repair charges will be added to the COD fee unless other arrangements are made.

This warranty is given in lieu of any other warranty expressed or implied.

**hy-gain** reserves the right to make changes or improvements in design or manufacture without incurring any obligation to install such changes upon any of the products previously manufactured.

All **hy-gain** products to be serviced in-warranty or out-of-warranty should be addressed to: **hy-gain, 308 Industrial Park Road, Starkville, Mississippi 39759, USA** and must be accompanied by a letter describing the problem in detail along with a copy of your dated proof-of-purchase.

This warranty gives you specific rights, and you may also have other rights which vary from state-to-state.