

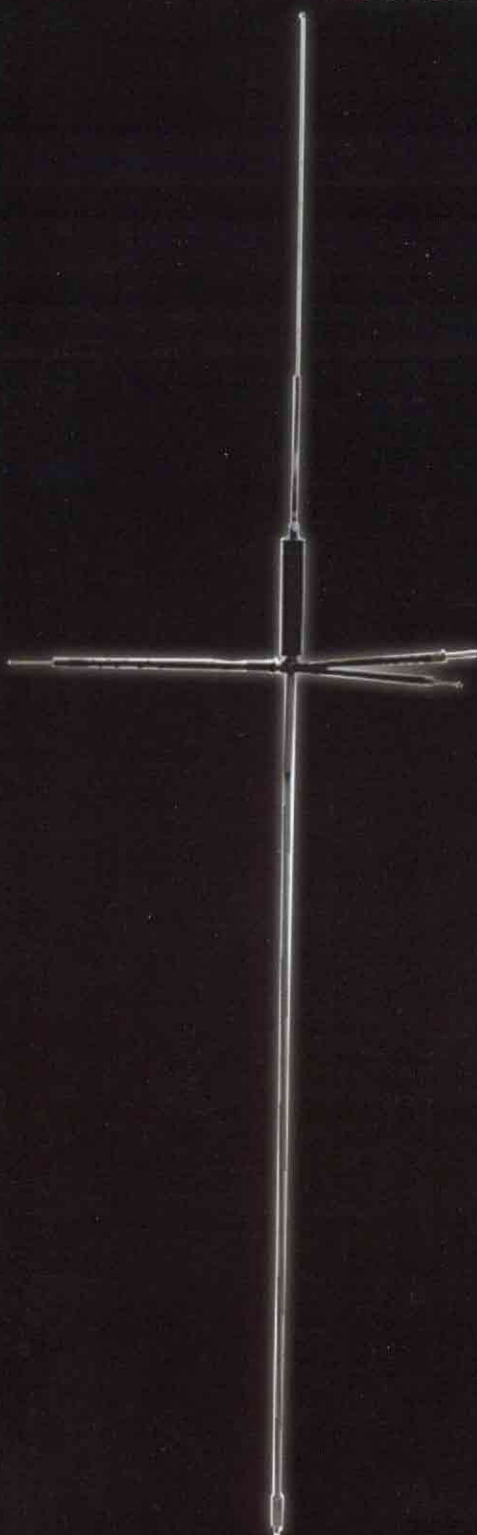
# Pro•Am

*Professional Amateur and Commercial Products*

**Mobile Antennas**

**Magnet Mount Kits**

**Mounting Hardware & Accessories**



**2004 Product Catalog**

# MOBILE ANTENNAS

MOBILE ANTENNAS

## 160 - 6 Meters Mobile Antennas



HF Mobile begins here! Experience home station performance and great HF DXing on the open road...gear up with Pro•Am's monoband PHF Series mobile antennas and enjoy top results all the way! The Monoband PHF Series consists of a black fiberglass lower section with integral coil and an adjustable (and removable) stainless steel whip (except for PHF 160). These time proven HF antennas are specially designed for maximum efficiency, low SWR, and broad bandwidth relative to frequency. They are power rated at 250 Watts P.E.P. and built to withstand considerable use. Standard 3/8" x 24 threads. Mix/match models as desired. Total assembled length on all models: 96" (Exception: PHF6: 58").

Model	Band	Bandwidth
PHF 160	160 meters	12 kHz
PHF 75	75 meters	36 kHz
PHF 40	40 meters	60 kHz
PHF 30	30 meters	100 kHz
PHF 20	20 meters	150 kHz
PHF 17	17 meters	175 kHz
PHF 15	15 meters	200 kHz
PHF 12	12 meters	300 kHz
PHF 10	10 meters	500 kHz
PHF 6	6 meters	1000 kHz

### PHFSB

Complete set of 5 antennas. 10, 15, 20, 40 & 75 meters

### AST6BTM

We've been watching it happen...The sale of small, high-tech transceivers that cover a multitude of the amateur bands, that develop 100 to 150 watts RMS output and are ideally suited for portable, mobile or just confined space operations.

If you happen to qualify and have purchased one or more of these devices, then Astatic has the antenna that works for you!

- No Motors
- Good RF Current Radiation Efficiency
- Low Wind-Drag Resonators
- Suited for Passenger Vehicles, SUVs and Light Pick-Ups
- 160 Meter through 10 Meter Amateur Bands
- Stainless-Steel Whip, Nickel-Plated Brass Hardware, and Copper Load Coil
- Gloss Black, Gold Labeled Resonators and Stainless-Steel Whip Make a Cosmetically Attractive Installation on any Domestic Motor-Vehicle



### ASTMM

54" Breakover stainless mast accepts all resonators individually.

## UHF/VHF ANTENNAS

### PAQA

136-866 MHz

Unity Gain UHF/VHF Whips. One model covers 136-866 MHz Passivated 302 Stainless Steel Whip. Ready to install... Cutting is required. 1 1/8" threads match Pro•Am's mounts and 3/4" hole Motorola TAD/TAE mounts. Includes cutting chart. VSWR: 1.5:1 typical. Nominal Impedance: 50 Ohms.

### CX144B

144-174 MHz, 5/8 Wave

"Communication Extender" Mobile VHF Antenna is 100W power rated and features adjustable whip which allows field tuning for best VSWR (typically 1.5:1 or less at resonance). Typical gain in 3dB over 1/4 wave. Professionally manufactured from quality materials. 17-7 ph taper ground stainless steel whip, heavy duty matching coil, and standard 3/8" x 24 chrome-plated base. The stainless steel whip is double locked with two set screws. Band: 2M, 3dB Gain, Frequency: 144-174 MHz. Available in black only.

### GM270

Dual Band Antenna  
Thru-the-Glass, 2M and 70CM

Dual Band Thru-The-Glass Kit for 2M and 70CM. Field tunable 26" copper plated whip with black finish. Includes 14' of RG58 to PL-259. Instructions and mounting package included.

**Replacement Whip: GM270RW**  
**Replacement Whip, Base & Remounting Kit: RWW270**

## VHF ANTENNAS

### PHB144

144-174 MHz, 5/8 Wave

3dB gain VHF Antenna. One Model covers 144-174 MHz. The impedance matching coil is low loss and built to maintain many years of quality performance. 1 1/8" threads match Pro•Am's mounts and 3/4" hole Motorola TAD/TAE mounts. Includes cutting chart. Power: 100 Watts, Gain: 3dB over 1/4 wave. VSWR: 1.5:1. Nominal Impedance: 50 Ohms. Band: 2M, Frequency: 144-174 MHz.

### GM144

Thru-the-Glass, 144-148 MHz, 2M

F144-148 MHz, Glass Mount Antenna. Field tunable. 27 1/2" copper plated whip with black finish. 14' of RG58 cable with PL259 connector. Gain: 2.5dB over 1/4 wave. Typical VSWR: 1.5:1 throughout the band. Max Power: 50W

### PAQ144-440

Dual Band Series  
2M and 70CM

One Antenna to cover it all! 19" Stainless Steel Whip with standard 3/8 x 24 threads. Great for all band scanners 25 MHz-1.3 GHz

Specs	2 Meter	70CM
Freq (MHz)	144-148	438-450
SWR	<2:1	<2:1
Gain	Unity	2.1 dB over 1/4 wave
Power FM	150 Watts	150 Watts

### MO144-440

One Antenna to cover it all! 19" Stainless Steel Whip. 1 1/8" threads match Pro•Am's mounts and 3/4" hole Motorola TAD/TAE mounts. Great for all band scanners 25 MHz-1.3 GHz. Also available in Magnet Mount Kits.

### PM144-440

PAQ 144-440 Antenna with a 3 1/4" Magnet Mount

### MOM144-440

MO 144-440 Antenna with a 3 1/4" Magnet Mount

**MOBILE ANTENNAS**

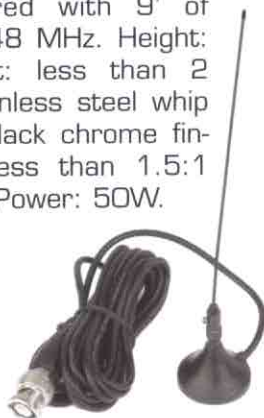


# MAGNET MOUNT KITS

## MM144B

Micro-mag Antenna  
144-148 MHz, 2M

1 1/8" diameter black ABS rare earth magnetic base pre-wired with 9' of RG174 to BNC. 144-148 MHz. Height: less than 20". Weight: less than 2 ounces. Unity Gain. Stainless steel whip and brass ferrule are black chrome finished. Typical VSWR: less than 1.5:1 through the band. Max. Power: 50W.



## MM270B

Dual Band Magnet Mount Kits  
Micro-mag Dual Band, 2M and 70CM

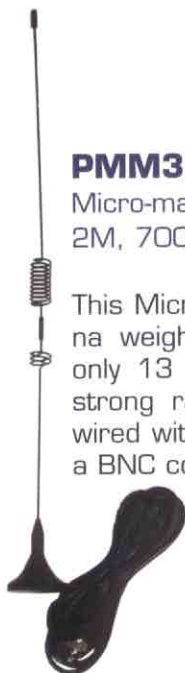
1 1/8" dia. black ABS rare earth magnetic base prewired with 9' of RG174 to BNC. 144-148 and 440-450 MHz. Height: less than 20". Weight: less than 2 ounces. Unity Gain. Stainless Steel whip and brass ferrule are black chrome finished. Typical VSWR: less than 1.5:1 throughout the band. Max Power: 25W.



## PMM3B

Micro-mag Tri-band Antenna  
2M, 70CM, and SMR

This Micro-Mag portable scanner antenna weighs less than 2 ounces and is only 13 1/2" tall. It features a super strong rare earth magnetic base pre-wired with 9' of RG174 cable leading to a BNC connector.



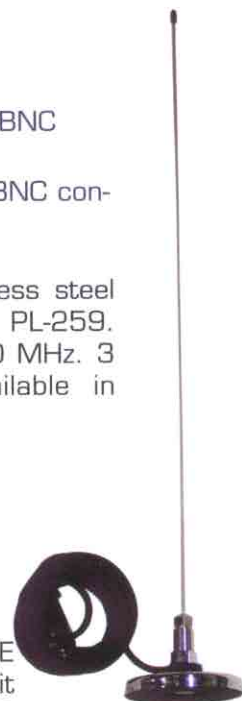
**VAA002** (Chrome)

**VAA002B** (Black)

**VAA002BN** (Chrome w/BNC connector)

**VAA002BBN** (Black w/BNC connector)

2M kit with 17-7 ph stainless steel whip and 12' of cable to a PL-259. Can be cut for 220 or 450 MHz. 3 1/4" magnet mount available in chrome or black.



## PAM2B

3 1/4" Dia. Motorola style TAD and TAE 1 1/8"x18 threads magnet mount kit pre-wired with 12' of RG58 to PL-259 connector. Available in Black only.



## PAMB

3 1/4" Dia. Motorola style TAD and TAE 1 1/8"x18 threads magnet mount kit pre-wired with 17' of RG58 to PL-259 connector. Available in Black only.



## PAM4B

3 1/4" Dia. Motorola style TAD and TAE 1 1/8"x18 threads magnet mount kit pre-wired with 17' of RG58 to PL-259 connector. Available in Black only.



MAGNET MOUNT KITS

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## P301

3 3/4" Dia. mag mount featuring a hex post on top that accepts standard 3/8" x 24 antennas up to 36". Pre-wired with 17' of RG58 cable to PL-259 connector. Chrome plated

## P401

5" Dia. mag mount featuring a hex post on top that accepts standard 3/8" x 24 antennas up to 48". Pre-wired with 17' of RG58 cable to PL-259 connector. Chrome plated



## MM3401

Heavy Duty Magnet Mount

- Heavy Duty Tripod Magnet Mount Kit
- Designed For Mounting 3/8" x 24 and NMO Base Antennas
- 17" of RG8X Coaxial Cable
- PL-259 Solder on Connector to Solid Brass NMO Mount
- Weather Resistant ABS - Stabilized Plastic

## MM4401

Supreme Maxi-Magnet Mount Kit. Features four 5" magnets equally spaced on a heavy-duty aluminum frame. Pre-wired with 17' of RG58 to a PL-259 connector.

Also available with a NMO mount **(MM4401NMO)** and with a SO239 mount **(MM4401NMO)**.

# SURFACE MOUNT KITS



## PAS

Surface Motorola mount features 17' of RG59 cable with PL-259 connector. Installs in 3/4" hole in roof, fender or cowl mount.



## PASM0

Mount only, less cable and connector.



## PAS38

Surface Motorola mount features 17' of RG58 cable with PL-259 connector. Installs in 3/8" hole in roof, fender or cowl mount.

# TRUNK MOUNT KIT



## PAT2B

Low profile trunk motorola mount including 17' of RG58 cable with PL-259 connector. (Available in black finish: specify with a "B" suffix).



# MOUNTS & ACCESSORIES



## P100ADN

Extra heavy duty aluminum double groove mirror mount with a 3/8" SO-239 for plug to plug connections



## P100ADT

Extra heavy duty aluminum 3-way mirror mount with 3/8 SO-239 for plug to plug connections.



## P100BHT

Antenna mirror mount. Heavy duty aluminum 3-way mount with 3/8" "Gum Drop" stud assembly for big antennas. SO-239 for plug to plug connections.



## P106ADN

Antenna mirror mount. Heavy duty aluminum, double groove, extra heavy duty 3/8" stud assembly for big antennas, stainless steel center bolt. Brass SO-239 for plug to plug connections.



## PSS100AD

Bright heavy gauge stainless steel 3-way mirror mount with H.D. SO-239 for plug to plug connections. Chrome-plated brass hex fits all standard 3/8" x 24 antennas up to 48".



## P102

Side-body mount with a flat black finish. Accepts 3/8" x 24 antennas.



## P605

2 1/2" side ball mount. Heavy duty polished aluminum. Easily mounted. Can handle up to an 8" antenna when used with our P604 spring.



## P108AD

6" x 1" x 1/4" thick aluminum bumper mount with SO-239 for plug to plug connections.



## P142AD

H.D. roof and flat surface mount. Fits 1/2" hole. 3/8 Hex with SO-239 for plug to plug connection.



## P142BH

"Gum Drop" roof and flat surface mount for plug to plug connections. Flat black finish.



## DAK

Dual adapter mount or lug connections. Accepts 2 antenna for vertical or horizontal dipole. (Antenna sold separately)



## DAKAD

Dual adapter mount with one lug and one SO-239 accepts 2 antennas for vertical and horizontal dipole.



## SS100MOT

Stainless steel 3-way mirror mount with Motorola style mount. Includes 10' of cable to a PL-259 connector.



## P120

Hump Mount for radios. Saw tooth design assures excellent grip without damage to carpet. Adjustable, easily installed. Steel with baked black finish.



## PSS104

Bright stainless steel medium duty spring features chrome-plated brass inserts. For 3/8" x 24 antennas up to 48".



## PSS504

Bright stainless steel heavy-duty spring features chrome-plated brass inserts. For 3/8" x 24 antennas up to 48".



## P604

Large heavy-duty spring. Bright stainless steel with 3/8" x 24 stud. To be used with model 605 ball mount assembly.



## P103

Quick disconnect. Spring loaded for fast antenna removal. Chrome-plated brass with stainless steel spring and pin. For 3/8" x 24 antennas and mounts.

MOUNTS & ACCESSORIES

# MOUNTS & ACCESSORIES



## P103

Quick disconnect. Spring loaded for fast antenna removal. Chrome-plated brass with stainless steel spring and pin. For 3/8" x 24 antennas and mounts.

## P103S



Quick disconnect mounting kit consists of one base and five twist-lock connectors that fit between antenna ferrules and the mount. Just push, turn and go!



## P104QD

Heavy duty stainless steel quick disconnect for 3/8" x 24 antennas.



## P203EZ

E-Z over antenna adapter. Spring loaded for 90 degree fold over. Chrome-plated brass with S.S. spring and pin. For 3/8" x 24 antenna & mounts.

## TGMKD

Remount kit for through-the-glass antennas. Models GM144 or GM270 Kit includes 1 alcohol swab, 2 trim plates, 1 shrink tube and 2 adhesive pads.



## PANSO

NMO to SO-239 adaptor



## PAN38

NMO to 3/8" x 24 adaptor.



## P105ADT

Mount assembly Chrome-plated brass hex and nickel-plated SO-239. For plug to plug connections.



## P105HDT

Mount assembly. Bolt mounts thru a 1/2" hole. Extra heavy duty brass hex. For plug to lug connections.



## P106-AD

Mount assembly. Extra heavy duty stud for big antenna systems. Nickel/chrome plated brass. Stainless steel center bolt. For plug to plug connections.

## ASTATIC RG8X CABLE

95% Shielded RG8x Cable with 5 point soldered on PL-259 connectors. Available in three colors:

Gray Jacket, Clear Jacket, and Clear Jacket/Silver Braid.

- A8x1 - 1' Jumper *(available in grey jacket only)*
- A8x3 - 3' Jumper
- A8x6 - 6' Jumper
- A8x9 - 9' Jumper
- A8x12 - 12' Jumper
- A8x18 - 18' Jumper
- A8x50 - 50' Jumper *(available in grey jacket only)*
- A8x75 - 75' Jumper *(available in grey jacket only)*
- A8x100 - 100' Jumper *(available in grey jacket only)*



## P235

Small universal adjustable bracket. 0" to 9", 14 gauge steel, black finish, 1 1/4" wide. Mounting hardware included.

## ASTGPK

Mounting and ground plane kit with heavy duty 3/8" x 24 mount with a SO-239 connector and coax.



MOUNTS & ACCESSORIES



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