

SPECIFICATIONS:

ELECTRICAL:

FREQUENCY RANGES AVAILABLE:
806-860 MHz, 824-895 MHz, 890-960 MHz

BANDWIDTH:
60 MHz

GAIN:
3dB MAX

POWER:
15 WATTS MAXIMUM (INTERMITTENT DUTY)

VSWR:
<2:1

IMPEDANCE:
50 OHMS NOMINAL

MECHANICAL:

MATERIAL:
ELASTOMER HOUSING

CABLE DIAMETER:
.100 inches

CONNECTOR:
CHOICE OF MINI-UHF, SMA OR BNC

HEIGHT:
8.3"

WEIGHT:
5.5 OZ.

BASE DIAMETER:
2.3"

The Mini Mag antenna is a breakthrough in antenna styling and design. Its novel design is based on the demanding requirements for today's mobile radio systems. The mini mag antenna comes factory tuned and ready to install. It's ideal for applications requiring no holes drilled in the vehicle body. The magnetic mount not only provides quick installation, but also quick removal when going through car washes or switching vehicles. The magnetic mount antenna is an alternative to a glass mount antenna.

The single piece construction means no assembly is required. Plus, it has been tested for temperature, humidity, and corrosion. The low profile whip and the small, strong magnet are excellent choices for low clearance applications.

Application Information

Models are available for conventional and trunked mobile radios operating in 800-900 MHz bands and for cellular telephones.

TWO-YEAR LIMITED WARRANTY

I. What This Warranty Covers and For How Long:

MOTOROLA INC. ("Motorola") warrants its MOTOROLA manufactured Mini Mag™ antennas ("Product") against defects in material and workmanship under normal use for a period of two (2) years from the date of shipment.

MOTOROLA, at its option, will at no charge either repair or replace this Product during the warranty period provided it is returned in accordance with the terms of this warranty to the place of purchase.

This express limited warranty is extended by MOTOROLA to the original end user purchaser only and is not assignable or transferrable to any other party. This is the complete warranty for Mini Mag™ antennas manufactured by MOTOROLA. MOTOROLA assumes no obligations or liability for additions or modifications to this warranty unless made in writing and signed by an officer of MOTOROLA.

This warranty applies within the fifty (50) United States and the District of Columbia.

II. What This Warranty Does Not Cover:

This warranty does not cover defects or damages to the Product resulting from:

- Use in other than its normal and customary manner;
- Misuse, accident or neglect;
- Improper assembly, testing, operation maintenance, installation, adjustment, alteration, repair or any modification by Customer or any other person without the prior written consent of MOTOROLA.

III. How To Get Warranty Service:

To receive warranty service, deliver or send the Product, transportation and insurance prepaid, to Motorola Worldwide System and Aftermarket Products Division, 1313 E. Algonquin Road, Schaumburg, Illinois 60196. Attention: Returned Goods Department, along with your proof of purchase.

IV. Warranty Limitations:

This warranty sets forth the full extent of MOTOROLA's responsibilities regarding the Product. Repair, replacement, or refund of the Product or the purchase price, at MOTOROLA's option is the exclusive remedy. THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES, IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL MOTOROLA BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, FOR ANY LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, LOST PROFITS OR SAVINGS OR OTHER INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE SUCH PRODUCT, TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW.

V. State Law Rights:

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY.

This warranty gives you specific legal rights, and there may be other rights which vary from state to state.

Mini Mag™

MOBILE ANTENNA

Installation and Operation of Your Mini Mag Antenna

1. Remove antenna and cable assembly from carton.
2. Uncoil coaxial cable.
3. Place the antenna either in the center of the vehicle roof or the center of the vehicle trunk.
4. Route the cable to the radio/phone.
5. Attach the coaxial connector to the radio/phone and you are ready to operate. (There is no tuning required.)
6. If your radio/phone requires an SMA connector, attach the 58-80369E27 adaptor to the radio/phone and then connect the BNC antenna connector to the adaptor.

Caution

DO NOT stand within one foot of the antenna with the radio/phone transmitting.

DO NOT install this magnet mount antenna on fiber glass or non-metallic vehicles in mobile systems with transmit output power in EXCESS OF FIFTEEN (15) WATTS because such installations may result in the exposure of the vehicle occupants to radio frequency energy levels higher than recommended.



MOTOROLA

Worldwide System and
Aftermarket Products Division

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