

MODEL **MA-721** 2m/70cm-band

**Instruction Manual**

Thank you for choosing our product.

**For your safety :**  
 Read this manual carefully for proper handling and operation before using.  
 Keep this manual in a safe place for future reference.

**Features**

- Compact size, heavy duty magnet mount.
- With a conversion connector included, it is compatible with a variety of radios.
- Easy routing through small holes, under carpet, etc...
- Wideband & High-gain antenna.

**How to use**

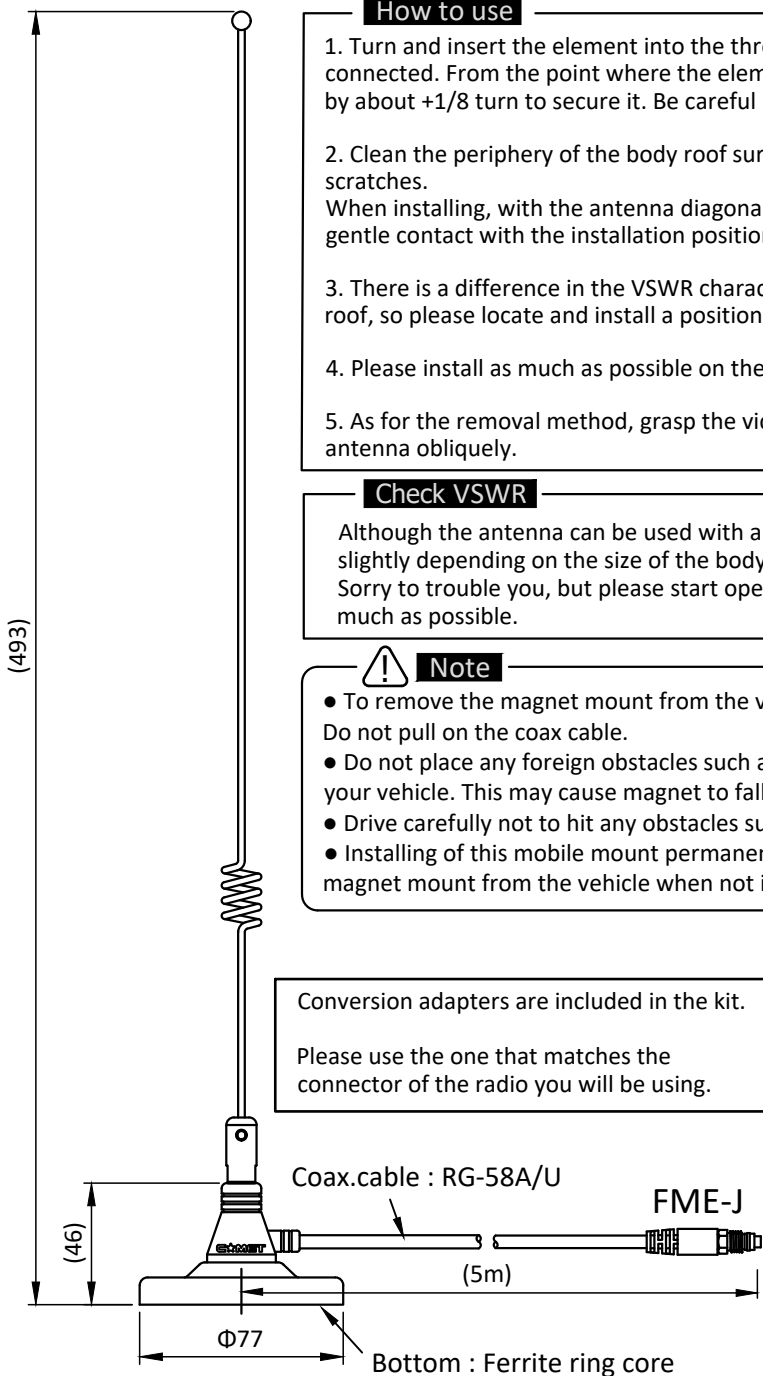
1. Turn and insert the element into the threaded part of the power feed where the coaxial cable is connected. From the point where the element lightly touches the power feeder, retighten the element by about +1/8 turn to secure it. Be careful not to over-tighten, as this may cause damage.
2. Clean the periphery of the body roof surface to be installed. Leaving dust and dirt will cause scratches.  
 When installing, with the antenna diagonally tilted, bring the edge of the main body magnet face into gentle contact with the installation position, and wake up the antenna as it is.
3. There is a difference in the VSWR characteristics between the center of the roof and the end of the roof, so please locate and install a position with good VSWR characteristics.
4. Please install as much as possible on the surface where the antenna stands vertically.
5. As for the removal method, grasp the vicinity of the base of the antenna element and tilt the antenna obliquely.

**Check VSWR**



Although the antenna can be used with almost no adjustment while it is installed, VSWR changes slightly depending on the size of the body roof and installation position.  
 Sorry to trouble you, but please start operation after verifying the position where VSWR improves as much as possible.

**Note**

- To remove the magnet mount from the vehicle, do not slide the magnet mount to avoid scratching. Do not pull on the coax cable.
- Do not place any foreign obstacles such as a vinyl sheet or a cloth between the magnet mount and your vehicle. This may cause magnet to fall off while your driving.
- Drive carefully not to hit any obstacles such as trees with the antenna.
- Installing of this mobile mount permanently may discolor your vehicle's paint. Remove the magnet mount from the vehicle when not in use.



**Specifications**

- ◆ Frequency : 144-148 / 430-450 MHz  
 [Wideband reception : 100-170MHz, 350-470MHz]
- ◆ Impedance : 50Ω
- ◆ Gain : 1.7dBi (2m-band), 4.15dBi (70cm-band)
- ◆ Max. Power : 80W (FM)
- ◆ Cable Length : approx. 5m
- ◆ Connector : FME-J
- ◆ Adapter :  FME-P / SMA-P  
 FME-P / PL-259(M-P)
- ◆ Color : Black

Specifications or appearance is subject to change without notice.

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