

## OWNER'S MANUAL

**Maldol**

Model HMC-4

Multiple 4-bands Mobile Ant. for 29/50/144/430MHz

**Features:**

- \* You can enjoy Quan-bands communication without changing the antenna to others.
- \* 50/144/430MHz are wide bands, which requires No tuning works.
- \* 29MHz can be tuneable by adjusting the top element, according to the mount location.

**Specifications:**

Frequency : 29.00-29.70MHz  
 51.00-52.00MHz  
 144.00-146.00MHz  
 430.00-440.00MHz

**Type & Gain:**

29/50MHz - 1/4 0dBi  
 144MHz - 1/2 2.15dBi  
 430MHz - 5/8x2 5.5dBi

V. SWR : Less than 1 : 1.5

Impedance : 50 ohm

Max Power : 29/50MHz - 80W/FM

144/430MHz - 100W/FM

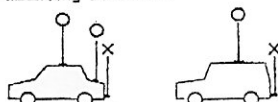
Connector : PL-259(M) type

Length : 1,190mm

Weight : 390g approx.

**Mounting Works:**

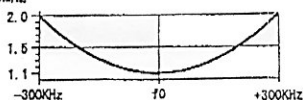
- \* Referring to the below pictures, please decide the mounting location.



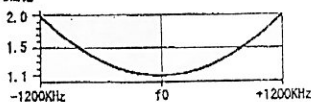
- \* For the frequencies 29/50MHz, sufficient grounding to the car body is required. Otherwise, it may not be so easy to find out good SWR.

**V. SWR Characters:**

29MHz



50MHz



Hokushin Industry Co., Ltd.,  
 Chiba City, Japan