

# Operating Manual

C★MET ANTENNA

## Model: HA-750BL

Broadband Mobile Antenna  
For: 7MHz, 14MHz ~ 56MHz

Many thanks for your best choice of our products.

### For your safety use:

Please read through this Operation Manual initially for correct assembling and proper operation.

At opening package and before assembling, please check all components are involved.

### Specifications:

● Frequency : Transmit 7,14 ~56MHz / Receive 3 ~70MHz

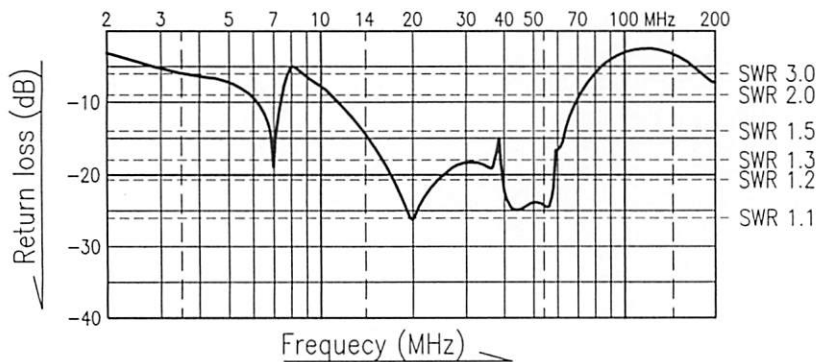
● Max. Power : 120 W/SSB

It is based on the power at the time of the intermittent transmit.

● Impedance : 50 Ω      ● V.SWR : Less than 1.5

● Connector : PL-259

● Max. Length : 2.41 m      ● Weight : 820 g



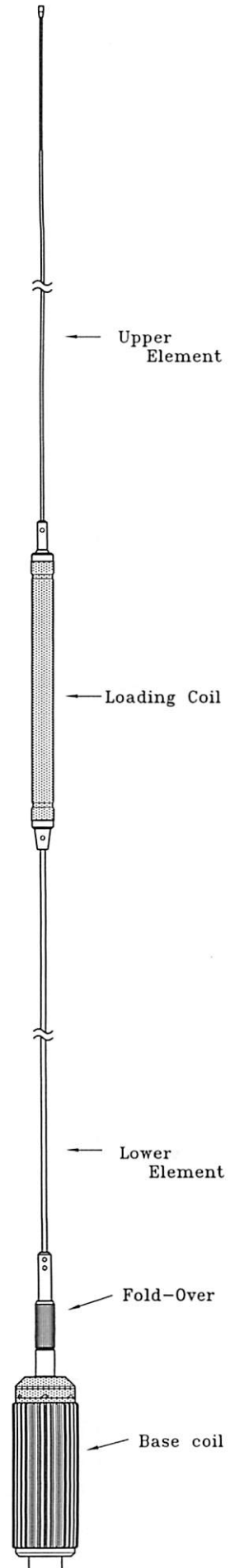
Element Adjustment: Frequency shift  
by upper element each 1 cm { 7MHz ... 33KHz }

### Features:

- The image cleared up was pursued, and design was finished in the original figure.
- Employ non radial form which radial isn't necessary, and install an antenna, and it restrains a variety in the SWR by the place.
- It is the antenna of the wide-band which covers 7/14 ~56MHz band each without adjustment.
- The fold-over hinge is convenient for entering garages, parking structures, drive-thru's etc... without the need to remove the antenna.

### Note & Remarks on mounting and positioning:

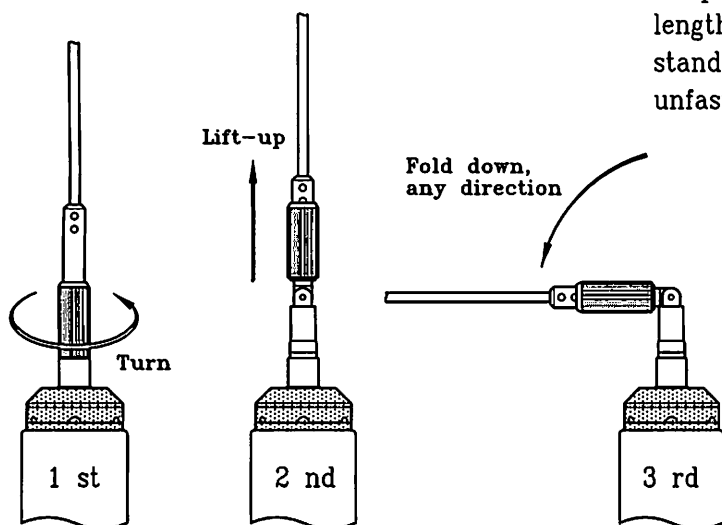
- The HA-750BL requires an SO-239 mount connector.
- If using a magnetic mount, be sure it is strong enough to hold the HA-750BL antenna.
- Mount the HA-750BL away from other antennas or metal objects.  
If high SWR is noticed, reposition the antenna until good SWR is found.



## Note & Remarks on handling and driving: for HA-750BL

- ⊗ Pay special attention not to stick eyes and body while dismounting of antenna or fold over/down of element.
- ⊗ Do not touch antenna while transmitting as it become hot enough to burn your fingers.
- ⊗ Please confirm tight fastening of connector and set screws of antenna. Loosening and falling off will lead to personal injury and property damage.
- ⊗ Do not drive car at the condition of loosened Fold-Over or fold-down of element.
- ⊗ Please adjust antenna correctly. Irregular VSWR will lead to heat-up, break-down or power-down of antenna.

### How to fold-down the antenna:



### How to adjust antenna:

- ① The 7 & 14 ~56MHz band isn't adjustable.
- ② Frequency control can be done by adjusting the length of each Adjust Elements. Please use standard spanner involved in the package for unfastening and fastening of fix screw of element.

### How to use:

- ① Please confirm tight fastening of each set screws by using standard spanner.
- ② Tighten antenna on base connection.
- ③ For better transmission, set antenna at vertical-position as much as possible.
- ④ Please confirm VSWR while transmitting.

### Note & for operation:

- ⊗ This antenna is for amateur radio and Broadband receipt operator, Do not use other than for the purpose of antenna.
- ⊗ Please use this antenna within the standard and specifications described in this manual. Failure to this may cause heat up and break down of the unit.
- ⊗ Whatever damage and the malfunction which is due to the repair and the reorganization at end-user itself occur, it doesn't take the responsibility.
- ⊗ It is careful of the transmitting power, time because it is being based on the power at the time of the intermittent transmit.

#### **[Maintenance]**

- ☆ If mal-function is occurred, stop operation and try to find the reason. If it is not settled, please contact the store/shop where you purchased the antenna or our Engineering Department.
- ⊗ Before driving start, please check the VSWR is in correct position.
- ⊗ Routinely, please confirm tight fastening of each Set Screws.

#### **[Customer Service]**

- ⊗ Replacement parts and accessories are available at our dealer and our factory.
- ⊗ This quality product is manufactured under strict quality control. Please contact the store/shop for those damaged by transportation.
- ⊗ For further information about assembling work and other technical matters, please contact to our Engineering Department.

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