

# **DIAMOND ANTENNA**

## **K400-3/8C Antenna Mount**

### **General Specifications**

- Deluxe Heavy Duty Trunk/Hatchback Mount.
- 3/8 x 24 Type base for popular HF Antennas using 3/8 x 24 Thread Mount.
- Black Finish.
- Power Rating: 350 Watts.
- Coaxial Cable: 6.5' RG316 Teflon cable with mini UHF connector and PL-259 adapter. For trunk mount style radios.

**NOTE:** Use Diamond Model C110, 10' Extension Cable Assembly when mounting radio at front of vehicle.

### **Installation Instructions**

- 1) Choose desired mounting location on vehicle to ensure maximum strength of mount and best performance of antenna.
- 2) When best location is determined, fasten mount to vehicle by tightening allen set screws. Some antennas require vehicle ground; therefore, fasten set screws through paint to ensure contact to metal.
- 3) Route coaxial cable from antenna mount to radio. Cable assembly supplied with mount is designed for trunk mounted radios. If radio is mounted in front of vehicle; use Diamond C110, 10' extension cable assembly which mates to K400-3/8C.
- 4) Assemble PL-259 Adapter to mini UHF connector, connect cable to radio.

### **Additional Installation Notes & Precautions**

- 1) K400M instructions have been included for reference only.
- 2) Heavy or stiff antennas should use suitable spring in effort to reduce strain on mount and lower portion of antenna resulting from vibration.
- 3) If RF is noticed on exterior of coax, coax may be wound through ferrite core to form a choke. (Locate near mount for best results.)
- 4) Some trunk lids, hatch backs, etc., may require additional straps to car body to improve grounding.

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