



Kinetic® DBA-5001

Purpose

The Kinetic DBA-5001 body-mount aerial is designed for the mobile reception in vehicles of Digital Audio Broadcasts in Band III by DAB receivers fitted with a SMB connector. It is unsuitable for any other purpose.

Preparation

Before proceeding, please ensure that you have read and understood all the instructions and **WARNINGS** below. If you are in any doubt, please consult your retailer or arrange professional installation.

Instructions

Before permanent installation it is recommended that you thoroughly test the aerial to your satisfaction by temporarily connecting it to your DAB radio.

Remove the components from the packaging and identify (a) The external base/mast assembly (b) the internal foot /cable assembly (c) the adaptor cable (d) the fibreglass wrench and (e & f) two Allen key tools.

Next, choose an installation location on the vehicle. The antenna is suitable for panels or double skin applications up to 4 mm thick e.g. roof or wing. Do not mount on a panel whose underside is exposed to the elements.

For best reception, select a position so that the aerial will be as high and as vertical as possible. Keep well away from existing aerals. If you position the aerial close to an existing aerial, reception on both aerals is likely to be degraded. Similarly, roof racks etc. will have a detrimental effect on reception. Be certain that it is possible to route the cable from your chosen installation site to the radio. Check and triple check everything before drilling; once drilled, holes cannot be moved!

A. To fit from the inside:

1. Carefully drill a 14 mm hole (see dia. 1)
2. To ensure a good earth connection, rub down to bare metal a 5 mm area around the underside of the installation hole.
3. Grease the bared metal well to prevent corrosion.
4. Insert the foot into the hole. Proceed to step 5 below.

B. To fit from the outside.

1. Carefully drill a 17.5-18 mm hole (see dia.3).
2. To ensure a good earth connection rub down to bare metal a 5 mm area around the underside of the installation hole.
3. Grease the bared metal well to prevent corrosion
4. Insert first the cable and then the base through the hole (see dia. 3). Proceed to step 5 below.
5. To ensure a waterproof seal, grease the 'o' ring liberally and check that it is correctly located under the external assembly, then screw onto the base and tighten using the fibreglass spanner supplied (see dia. 4). Take care not to mark the plastic or misshape the panel you are fixing to by over tightening.
6. Set the angle of the aerial to vertical using the Allen keys supplied.

7. Route the cable behind the trim and dash to your DAB receiver observing in full the warnings below. Do not coil any excess cable as this may affect the signal adversely. Connect the screw threaded adaptor cable to the main cable, then push the SMB plug onto the receiver's SMB DAB aerial socket. (Please refer to your car's or car radio's instructions as to how to gain access to your receiver's connections.)

Maintenance

Frequently clean the aerial with a very little WD40 or similar and check that neither the mast nor the base has become loose.

! WARNINGS !

THIS AERIAL IS UNSUITABLE FOR USE ON SURFACES WHOSE UNDERSIDE IS EXPOSED TO THE ELEMENTS.

DO NOT INSTALL THE AERIAL IN A MANNER THAT WOULD OBSTRUCT THE DRIVER'S VIEW OR ALLOW THE CABLE TO INTERFERE WITH THE SAFE OPERATION OF THE VEHICLE CONTROLS OR THE VEHICLE SAFETY FUNCTIONS E.G. SEATBELTS AND AIRBAGS.

SWITCH OFF ALL POWER BEFORE WORKING ON THE VEHICLE OR CONNECTING / DISCONNECTING ANY RADIO CABLES.

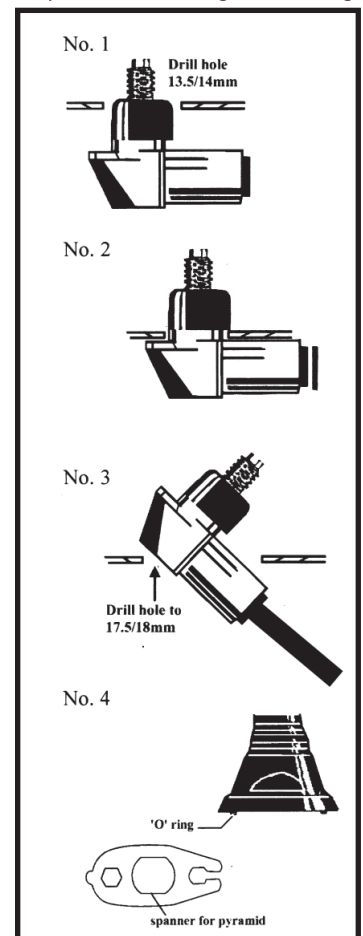
BEFORE DRILLING ANY HOLES, CHECK AND DOUBLE CHECK TO AVOID DAMAGE TO HIDDEN VEHICLE COMPONENTS (CABLES, AIR BAGS, BATTERY, ETC.).

ENSURE ALL CABLE HOLES ARE PROPERLY GROMMETED.

UNSCREW AND REMOVE THE AERIAL MAST BEFORE ENTERING A LOW TUNNEL, GARAGE, CAR PARK, ETC. AND BEFORE USING A CAR WASH.

WARRANTY DOES NOT COVER DAMAGE OR LOSS CAUSED BY INCORRECT INSTALLATION OR USE. Statutory rights unaffected

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