

# Kinetic® DEGA-4001



## Purpose

The Kinetic DEGA-4001 glass-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.

When installed in full accordance with the instructions it will remain secure at vehicle speeds up to 160km/hr (100 mph) in still air.

## 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

Some reception issues may only become apparent when the vehicle is in motion so it is recommended that, before permanent installation, you carefully road-test the aerial to your satisfaction by temporarily fixing it in place with strong tape, such as duct or gaffa tape.

Remove the components from the packaging and identify (1) the external base/mast assembly (2) the internal base (3) the cable, if included (4) the cleaning swabs and (5) the tube of silicon sealant.

Next, choose a location on the glass to mount the external base/rod assembly. For the aerial to perform properly, these positions **MUST** be avoided:

- Double-glazed and metallic screens.
- Close (less than 30mm) to inbuilt heated screen elements.
- The printed, patterned edge of many screens.
- The area swept by the wipers.

For best reception, select a position so that the aerial will be as high and as vertical as possible. Keep well away from existing aerials. If you position the aerial close to an existing aerial, reception on both aerials is likely to be degraded. Similarly, roof racks etc. will have a detrimental effect on reception.

Having selected a potential mounting site, insert the cable into the socket of the internal base and screw home, finger-tight. Check that at the corresponding position on the inside of the screen there is space for the internal base with attached cable. It is normal for the cable to enter the base from the pillar side but reception will not be adversely affected whichever orientation of the socket is chosen. Check also that the cable is long enough to reach from your chosen position to your DAB receiver

If the glass is colder than 20 deg C, warm it thoroughly with a hair dryer (must NOT be used outside in the wet) or the car's heater.

Use the supplied swabs to ensure that the selected location is spotlessly clean, dry, and free from grease etc. on both sides of the glass.

Peel the protective paper from the self-adhesive pad and hover the external aerial base over your chosen location, with the mast swivelled to the vertical position. When you are satisfied that it is correctly located, press firmly home.

Peel the protective paper from the self-adhesive pad and hover the internal aerial base over the exactly corresponding position on the inside of the screen, remembering to orientate the socket as required. When you are satisfied that it is accurately positioned, press firmly home.

Tuck the cable behind the windscreen pillar trim. 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 can affect the signal adversely. 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.)

Finally, to protect the external adhesive pad against rain, etc., remove the cap from the tube of silicon and, by pushing the nozzle around the aerial external base perimeter, squeeze a good bead of silicon into the gap between the aerial base and the windscreen. Once dry, any excess silicon can be removed from the glass with a knife.

Allow 24 hours for the adhesives to reach maximum strength before driving the vehicle with the mast in place.

## Maintenance

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

## ! WARNINGS !

THIS AERIAL IS UNSUITABLE FOR USE ON DOUBLE-GLAZED, HEATED AND METALLIZED GLASS.

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.

INSTALL THE AERIAL ON THE WINDSCREEN PASSENGER SIDE. DO NOT INSTALL ON THE DRIVER'S SIDE.

THE ADHESIVE PADS STICK FIRST TIME. THEY CANNOT BE REMOVED AND RE-POSITIONED.

THE AERIAL WILL BECOME DETACHED UNLESS THE GLASS:

- SURFACE TO WHICH IT IS ATTACHED IS FLAT OR ALMOST FLAT AND IS SPOTLESSLY CLEAN AND DRY AT TIME OF INSTALLATION.
- IS AT A MINIMUM TEMPERATURE OF 20 DEGREES C. AT TIME OF INSTALLATION AND FOR FIVE MINUTES THEREAFTER.

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



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