



## Kinetic® DRA-1001

### Purpose

The Kinetic DRA-1001 body-mount aerial is designed for the mobile reception of Digital Audio Broadcasts (DAB) in Band III and L-Band and analogue audio broadcasts in the FM, SW, MW and LW bands. It is compatible with DAB car radios fitted with a male SMB connector and most analogue car radios. It is unsuitable for any other purpose.

The DRA-1001 is designed for both new installations and as a replacement for many factory-fitted aerials. It is not suitable for the replacement of aerials incorporating a rear-screen washer jet.

### Preparation

First, please read all the instructions and WARNINGS below. If you are in any doubt, please consult your retailer or arrange professional installation.

It is recommended that the aerial be tested prior to permanent installation by temporary connection to the radio.

### New installation considerations

Ideally, the aerial should be located as high as possible (so that it enjoys an all-round, unobstructed 'view') and in the middle of the largest uninterrupted expanse of metal. This normally means on the vehicle's roof.

Other suitable locations are on a front or rear wing or on the boot lid.

Performance will be reduced if the aerial is installed with the mast more than 30 degrees from the vertical, is positioned closer than 25cm to the edge of the roof, or is fitted near to existing aerials, roof racks etc.

Do not coil any excess cable as this can affect the signal adversely.

To ensure a good earth connection rub down to bare metal a 10 mm area around the the underside of the installation hole. Grease the bared metal well to prevent corrosion.

On non-metallic (such as fibreglass) bodies, reception can be enhanced by bonding a layer of foil (The larger, the better. Smaller than 15cm x 15cm will have little effect.) to the underside of the mounting surface.

Kinetic DAB & FM/AM aerial-to-radio cables (not included) are available from your retailer.

### Replacement installation

The Kinetic DRA-1001 is designed to be a direct replacement for most factory-fitted 'Beesting' type aerials with 19mm round or 14.8mm square mounting hole, M10 (Hirschmann - type) FM/AM connector and FME(M) DAB connector. Kinetic DAB aerial-to-radio cables (not included) are available from your retailer.

### Testing

Tune the radio to a very weak MW station. There should be a definite audible increase/decrease in signal when you connect/disconnect the +12v supply to the aerial. If not, either the aerial is not properly earthed or the +12v supply is not reaching the aerial.

### Maintenance

Frequently clean the aerial with a little soapy water and check that neither the mast nor the base has become loose.

Spare masts are available from your retailer.

### ! WARNINGS !

DO NOT INSTALL IN A MANNER THAT WOULD INTERFERE WITH THE DRIVER'S VISION, WITH THE SAFE OPERATION OF THE VEHICLE CONTROLS OR WITH THE VEHICLE SAFETY FUNCTIONS E.G. SEATBELTS AND AIRBAGS.

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.

SWITCH OFF ALL POWER BEFORE CONNECTING OR DISCONNECTING ANY RADIO CABLES.

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

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

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