



## Kinetic DAA-7001

### Purpose

The Kinetic DAA-7001 adaptor is designed to split the output of passive (unamplified) FM/AM car aerials to enable the mobile reception in vehicles of Digital Audio Broadcasts (DAB / DAB+ / DMB-A) in Band III (174-224 MHz - as used in most countries) by DAB receivers fitted with a male SMB connector. It is unsuitable for any other purpose. For information about which Bands are used in which country, please see <http://www.wohnort.org/dab>.

### 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.

### Installation

Since some reception issues may only become apparent when the vehicle is in motion it is recommended that before permanent installation you carefully road-test the aerial to your satisfaction by temporary connection.

For best reception performance, the cables between the aerial and the adaptor should be as short as possible.

With existing, front-mounted aerials (short of cutting and joining the aerial cable - definitely NOT recommended unless you are a wizard) this usually means installing the adaptor behind the radio. Please refer to your car's or car radio's instructions as to how to gain access to your receiver's connections.

With existing, rear-mounted aerials, it is often possible to disconnect the FM /AM cable close to the aerial.

The Kinetic DAA-7001's has four connections:

- (1) DIN female, which must be connected to the (passive) FM/AM car aerial,
- (2) DIN male, which must be connected to the car radio FM/AM input
- (3) SMB female, which must be connected to the car radio DAB input
- (4) Red power cable, which must be connected to a 12 v supply.

The supposed +12V switched output from many radios is rather low. It is best, therefore, to connect the adaptor's red power cable to the switched power supply (normally red) *to* the radio, *not* to the switched power supply (normally blue) *from* the radio. Ideally the connection should be via a 0.5 amp in-line fuse.

Connector adaptors and DAB extension cables are available from your dealer if required.

If your radio has switchable DAB aerial 'phantom power', ensure it's switched 'Off'. Please refer to your car radio's instructions as to how to carry this out.

Many aerials give best DAB reception at about 30cm long so, if the length of the aerial you connect to can be adjusted, it's worth experimenting. When shortening telescopic aerials, always push the uppermost section in first.

### ! WARNINGS !

THIS ADAPTOR IS UNSUITABLE FOR USE WITH AMPLIFIED (ACTIVE) AERIALS. DO NOT INSTALL THE ADAPTOR IN A MANNER THAT WOULD ALLOW THE CABLES 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. MAINS ELECTRICAL TOOLS MUST NEVER BE USED OUTSIDE IN THE WET AND MUST ALWAYS BE PROTECTED BY AN RCD. ALWAYS WEAR EYE PROTECTION WHEN USING HAND TOOLS.

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