

## WINDSCREEN MOUNT DAB ANTENNA

### Install guide

DAB-9201-1



### 1. Fitting Notes

The aerial is designed to be mounted directly onto the inside of the windscreen. The aerial should be powered through a separate 12 volt feed or directly from the source via the coaxial cable. In vehicles with polarised windscreens, it is advised to fit the aerial to the rear or side window. Bear in mind that heated rear screen could affect the performance or reception.

When fitting to the windscreen ensure that the area is clean and dry. Position the aerial so it does not obstruct the drivers view of the road.

### 2. Fitting Guide

1. Locate the position for the aerial, ensuring that it is large enough to accommodate the entire footprint of the aerial and to allow the earth plane strip to be mounted to a clean painted metal surface.
2. Clean the area on the windscreen and ensure it is dry.
3. Offer the aerial up to the location and plan the route for the wiring so that it will not cause a distraction to the driver, or cause an obstruction.
4. Remove the sticky pad bases and hold the aerial firmly into position for 30 seconds to ensure the pads stick. Stick the earth plane strip to the metal surface.
5. Secure the wiring and connect the antenna to the receiver. The unit has an SMB female connection.
6. If possible, select an option on the receiver to power the aerial from the centre core of the coax wire. If this is not possible then connect the black wire to the 12 volt aerial output of the receiver. Alternatively, connect to the ignition supply of the receiver.

### 3. Disclaimer

If your car's electrical system begins to behave in an unpredictable way please immediately disconnect the device physically and have it checked by your installer or an automotive electronics professional. Dension and its authorized distributors and retailers are not liable for any incidental, consequential or indirect damages or loss and do not assume liability for any diagnostic fees.

### 4. Warranty

Dension devices carry a one-year limited warranty that protects you from defects in material and workmanship of products sold by Dension or its authorized distributors and retailers. Dension does not warrant any installation work or assume liability for any damage caused due to negligence, improper installation or operation. For warranty claims, proof of purchase is required.

### 5. Support

If you need further assistance in using your Dension product, please contact your local supplier or visit our website at [www.dension.com](http://www.dension.com). You can ask for the help of our trained technicians through the channels described on our Support page.

### Technical specification

Aerial Type	Car DAB/DAB+ aerial
Receiving Frequency	170MHz~240Mhz
Working Voltage	1452MHz~1492MHz
Working Current	DC10.5~16V
Input Gain:	
BANDIII	15dB+-3dB
L-Band	12dB+-3dB
Output Impedance	50 Ω
Noise Level	2.0dB MAX
V.S.W.R	<3.0dB
Cable Material	1.5DS 50Ω±3Ω
Cable Length	3000±30mm
Insulation resistance	DC500V > 100MΩ
Connector	SMB right-angle female
Operating Temperature	-40°C~80°C
Storage Temperature	-40°C~90°C

### Technical drawing

