

ANDROID DAB/DAB+ RECEIVER

USER MANUAL M-AN.DAB



MACROM

Product overview

Front view

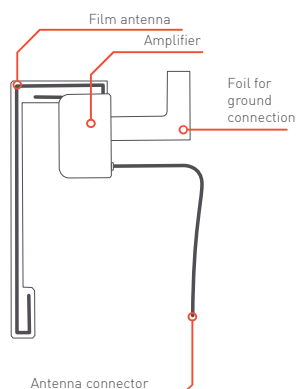


Table of contents

Warranty	3
Safety information	3
Specifications	3
Product overview	4
Front view	4
Connector available	4
Product location	5
Product installation	6-7
Declaration of Conformity	8

Warranty

Thank you for purchasing this Macrom product. Should your product need warranty service, please return it to the shop where you buy it or to the Macrom distributor in your country. The warranty does not cover damage due to improper use and/or installation, incorrect connections to power supply, exposure to excessive humidity, unauthorized repair attempts or modifications.

Warning

Before starting installation, disconnect the cable from the negative battery terminal to avoid short circuits during installation.
This product must be installed properly by an authorized Macrom installer. Improper installation can damage the unit and / or the vehicle.
This product can only be used inside the vehicle.
Check electrical connections and driveability before installing.
The power of the received signal may vary depending on the following causes:
- Recommended dimensions for installation do not comply.
- Shielded, reflective or darkened windows with film.
- Antenna cable overlap with other electrical wiring of the vehicle.
- Noise produced by the windscreen wiper.
- Direction of the transmission station with respect to the position of the antenna.
Do not install the product on movable parts such as window or door deflector.
Installation of this product may not be suitable for certain types of vehicles.

Specifications

Frequency 174-237MHz Band III, 1452-1492MHz Band-L
Impedance 50 Ohms
Gain 16-20dB (input power -30dBm)
Operation Voltage 5 Volts
30mA operation current

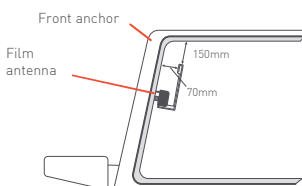
Product location

- For safety reasons, the antenna must be installed on the passenger side.
- To ensure optimum reception, spacing the film antenna from the top of the glass by 150mm and position it in more than 70mm from the side end of the glass.
- Spin any other aerial of at least 100mm.

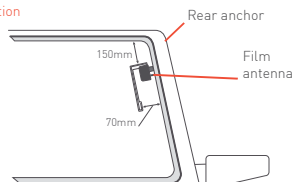
NOTE:

Be sure to check the installation location of the film antenna.
The antenna can not be re-glued.

Left-hand drive installation



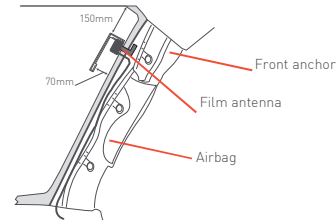
Right-hand installation



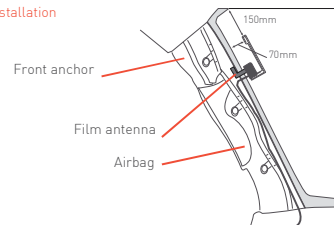
Product installation

- Before gluing the parts, advise you to clean surfaces with detergent (eg alcohol).
- Heat the surfaces to allow good adhesion of the components.
- Position the antenna respecting the recommended distance.
- Paste the foil for the ground connection to the front upright.
- Paste the amplifier and then the antenna film.
- Make sure the antenna cable does not interfere with the airbag.

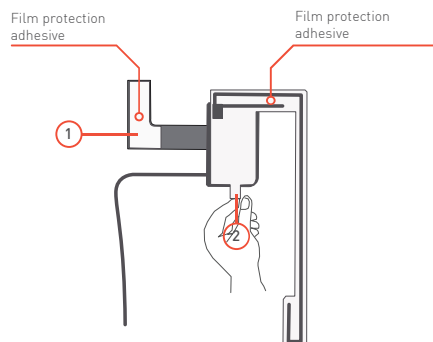
Left-hand drive installation



Right-hand installation



Product installation



1. Remove the protective film from the foil for mass connection and apply pressure on it to evenly apply the surface to the upright.
2. Gently remove the protective film during application and apply pressure on it to evenly apply the antenna to the glass.

DAB application

The DAB application is preloaded on the device.



Touch the DAB icon on the main interface to enter DAB mode.
You can also touch the DAB icon on the application page.

If you want to use another application related to the DAB function, make sure that it is compatible with the Android system and that the functions are supported correctly.

Installation

Connect the DAB module to the DAB antenna supplied in the package. Connect the micro USB to the DAB device and the USB to one of the USB sockets of the central unit.



Declaration of conformity



The manufacturer G.M.A. Italia srl declares that the type of radio equipment - DAB+ receiver, model M-AN.DAB, brand Macrom - complies with the 2014/53 / EU Directive.

The full text of the EU Declaration of conformity is available at the following internet address:
www.macrom.it, or at
G.M.A. Italia srl - 20017 Rho (MI) Italy

Made in China by
G.M.A. Italia srl
Via Giuseppe di Vittorio 7/33 - 20017 Rho (MI) Italy



The MACROM brand is a registered trade mark of G.M.A. Italia srl

G.M.A. Italia srl
Via Giuseppe di Vittorio 7/33 - 20017 Rho (MI) Italy
Tel. +39 02 33406189

w w w . m a c r o m . i t