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Alpine KAE-242DA

Alpine DAB+ Glass Antenna Instruction Manual

Model: KAE-242DA

INTRODUCTION

The Alpine DAB+ Glass Antenna (Model KAE-242DA) is an amplified screen antenna designed for use with Alpine DAB products. This antenna provides enhanced digital radio reception, ensuring clear audio quality. Its compact and transparent design allows for discreet installation on your vehicle's windscreen.

SAFETY INFORMATION

- Read all instructions carefully before installation and use.
- Ensure the vehicle's ignition is off and the battery is disconnected before beginning installation to prevent electrical shorts or damage.
- Do not obstruct the driver's view or interfere with airbag deployment when choosing an installation location.
- Handle the antenna and cables with care to avoid damage.
- If you are unsure about any part of the installation process, consult a qualified professional.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x Alpine DAB+ Glass Antenna (KAE-242DA)



Image: The Alpine DAB+ Glass Antenna, showing the main antenna film, the small amplifier unit, and the attached coaxial cable with its connector.

SETUP AND INSTALLATION

The KAE-242DA antenna is designed for application on the windscreens, typically near the A-pillar, for optimal reception. Follow these steps for proper installation:

- 1. Choose a Location:** Select a clean, flat area on the inside of your vehicle's windscreens, preferably on the passenger side near the A-pillar. Ensure the chosen spot does not obstruct your view or interfere with any vehicle safety features.
- 2. Clean the Surface:** Thoroughly clean the chosen area on the windscreens with an alcohol-based cleaner to remove any dirt, grease, or residue. Allow the surface to dry completely. A clean surface is crucial for proper adhesion.
- 3. Prepare the Antenna:** Carefully peel the protective backing from the transparent adhesive section of the antenna film. Avoid touching the adhesive surface.
- 4. Apply the Antenna:** Carefully align the antenna film to the cleaned windscreens area and press firmly from one end to the other to avoid air bubbles. Ensure full contact with the glass.
- 5. Connect Ground Wire (if applicable):** The small black amplifier unit attached to the antenna has a short black adhesive strip. This strip must be securely attached to a clean, unpainted metal surface (ground point) on the vehicle's A-pillar or chassis. This provides the necessary ground connection for the amplifier.
- 6. Route the Cable:** Carefully route the coaxial cable from the antenna along the A-pillar trim and under the dashboard towards your Alpine DAB radio or mobile media station. Ensure the cable is not pinched or exposed to sharp edges.
- 7. Connect to Head Unit:** Plug the antenna's coaxial connector into the designated DAB antenna input on your Alpine head unit.
- 8. Test Functionality:** Reconnect the vehicle battery and turn on your Alpine head unit. Select the DAB radio source and perform a station scan to confirm proper reception. Adjust antenna position slightly if reception is poor (if possible without re-adhering).

OPERATING INSTRUCTIONS

Once installed, the Alpine DAB+ Glass Antenna operates automatically with your compatible Alpine DAB radio or mobile media station. The antenna amplifies the digital radio signal, providing a stable and clear reception.

- Ensure your Alpine head unit is set to the DAB (Digital Audio Broadcasting) source.
- Perform a station scan on your head unit to find available DAB channels in your area. Refer to your Alpine head unit's manual for specific instructions on scanning for DAB stations.
- The antenna is designed to be always active when connected to a powered Alpine DAB unit.

MAINTENANCE

The Alpine DAB+ Glass Antenna requires minimal maintenance. Follow these guidelines to ensure its longevity and optimal performance:

- **Cleaning:** If the antenna film or amplifier unit becomes dusty, gently wipe it with a soft, dry, or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check the antenna's adhesion to the windscreen and the ground connection for any signs of loosening or damage.
- **Cable Integrity:** Ensure the coaxial cable remains securely routed and free from kinks, pinches, or cuts.

TROUBLESHOOTING

If you experience issues with your Alpine DAB+ Glass Antenna, consider the following:

- **No DAB Signal or Poor Reception:**
 - Ensure the antenna cable is securely connected to your Alpine head unit.
 - Verify that the ground connection of the amplifier unit is firmly attached to a clean metal surface.
 - Check if you are in an area with DAB signal coverage. DAB signal strength can vary by location.
 - Perform a new station scan on your Alpine head unit.
 - Ensure no metallic objects or window tinting (especially metallic tints) are obstructing the antenna's reception area.
- **Intermittent Signal:**
 - This could be due to weak signal areas or interference. Try moving the vehicle to a different location.
 - Check for loose connections at the antenna or head unit.
- **Antenna Detaching from Windscreen:**
 - Ensure the windscreen surface was thoroughly cleaned and dry before initial application.
 - Extreme temperature fluctuations can sometimes affect adhesion. Re-application with new adhesive may be necessary if the original adhesive fails.

If problems persist after trying these steps, contact Alpine customer support or a qualified service technician.

SPECIFICATIONS

Feature	Detail
Brand	Alpine
Model Number	KAE-242DA
Type	Amplified Glass Antenna

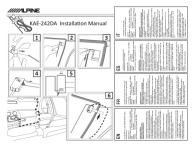
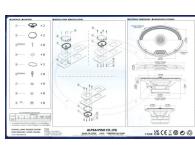
Feature	Detail
Compatibility	All Alpine DAB radios and mobile media stations
Dimensions	40 x 170 mm (Antenna film)
Color	Black / Transparent
Impedance	50 Ohm
Item Weight	3.17 ounces
Package Dimensions	8.86 x 3.94 x 0.67 inches
Date First Available	January 12, 2016

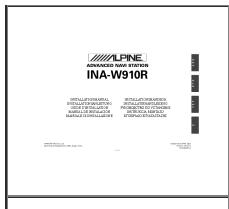
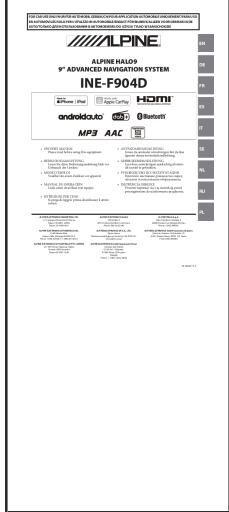
WARRANTY AND SUPPORT

For warranty information and technical support regarding your Alpine DAB+ Glass Antenna, please refer to the warranty card included with your product or visit the official Alpine Electronics website. You can also contact Alpine customer service directly for assistance with product inquiries, troubleshooting, or service needs.

Keep your proof of purchase for warranty claims.

Related Documents - KAE-242DA

	<p>ALPINE KAE-242DA DAB Antenna Installation Manual Automotive Installation Guide</p> <p>Installation guide for the ALPINE KAE-242DA active DAB/DAB+/DMB film antenna. Features include specifications, important installation guidelines, and step-by-step instructions for automotive use.</p>
	<p>Alpine INE-W925R Advanced Navi Station: Features, Specifications, and Overview</p> <p>Discover the Alpine INE-W925R, a premium in-car navigation and entertainment system. Explore its advanced features including One Look Navi, high-fidelity audio, DAB/DAB+/DMB digital radio, seamless smartphone integration (iPhone/iPod, Bluetooth), and comprehensive navigation capabilities.</p>
	<p>Alpine R2-S69 6x9 Inch Coaxial 2-Way Speaker System - Installation, Specifications, and Warranty</p> <p>Comprehensive guide for the Alpine R2-S69 6x9 inch coaxial 2-way speaker system, covering installation, technical specifications, important warnings, product registration, and limited warranty details from Alpine Electronics.</p>
	<p>Alpine iLX-W690D 7-Inch Audio/Video Receiver Owner's Manual</p> <p>Comprehensive owner's manual for the Alpine iLX-W690D 7-inch audio/video receiver, covering setup, operation, features like Apple CarPlay and Android Auto, Bluetooth, and more.</p>

	<p>Alpine INA-W910R Advanced Navi Station Installation Manual</p> <p>Detailed installation guide for the Alpine INA-W910R Advanced Navi Station, covering specifications, mounting, connections, and GPS antenna setup. This manual provides essential information for installers.</p>
	<p>Инструкция по эксплуатации Alpine HALO9 INE-F904D</p> <p>Полное руководство пользователя для автомобильной навигационной системы Alpine HALO9 INE-F904D, охватывающее установку, функции, настройки и меры безопасности.</p>