



Manuals.plus /

› PIONEER /

› Pioneer DAB Antenna User Manual

PIONEER CA-AN-DAB.001

Pioneer DAB Antenna User Manual

Model: CA-AN-DAB.001 | Brand: PIONEER

1. INTRODUCTION

The Pioneer CA-AN-DAB.001 DAB antenna is designed to provide pristine DAB/DAB+ digital radio reception. This manual provides detailed instructions for the proper installation, operation, and maintenance of your antenna to ensure optimal performance.

Enjoy clear and stable digital radio broadcasts with this active antenna, engineered for discreet glass mounting and broad compatibility with various vehicles.

2. WHAT'S IN THE BOX

The package for your Pioneer CA-AN-DAB.001 DAB Antenna contains the following components:

- Pioneer DAB Antenna - CA-AN-DAB.001



The antenna unit as supplied in its retail packaging, including the instruction manual.

3. SETUP AND INSTALLATION

Important Note: Installation should ideally be performed by a qualified vehicle technician. If you are not experienced with car electronics installation, it is recommended to seek professional assistance. Incorrect installation may damage the antenna, vehicle components, or result in poor reception.

Before beginning installation, ensure the vehicle's ignition is switched off and the battery is disconnected to prevent electrical hazards.

3.1. Installation Steps

1. **Prepare the Installation Area:** Carefully remove the cover from the A-pillar on the passenger side of your vehicle.
2. **Clean the Windshield:** It is not recommended to attach the antenna to a tinted part of the windshield. Clean the glass surface thoroughly with isopropyl alcohol to ensure a strong adhesive bond. The surface must be completely dry before proceeding.

3. **Attach the Antenna:** The antenna should be installed on the passenger side of the windshield, at least 60mm (Min. 60 mm) from the edge of the glass. Remove the adhesive backing from the antenna and firmly press it onto the cleaned glass surface. Ensure no air bubbles are trapped.
4. **Connect the Ground Strap:** Remove the adhesive backing from the ground strap and attach it to the A-pillar. Ensure good metal-to-metal contact for proper grounding. You may need to sand the paint down to the bare metal for optimal contact.
5. **Route the Cable:** Carefully route the antenna cable along the contour of the A-pillar. Ensure the cable is not pinched or damaged by any vehicle components.
6. **Reconnect and Test:** Once the antenna is securely mounted and wired, reconnect the vehicle battery and test the DAB/DAB+ radio reception.

Pioneer

CA-AN-DAB.001

EN Window mount DAB antenna for Pioneer receivers

DE Fenstermontierte DAB-Antenne für Pioneer-Empfänger

EAN 5055193345358 EN Frequency range/ DE Frequenzbereich: DAB III 170MHz 240MHz

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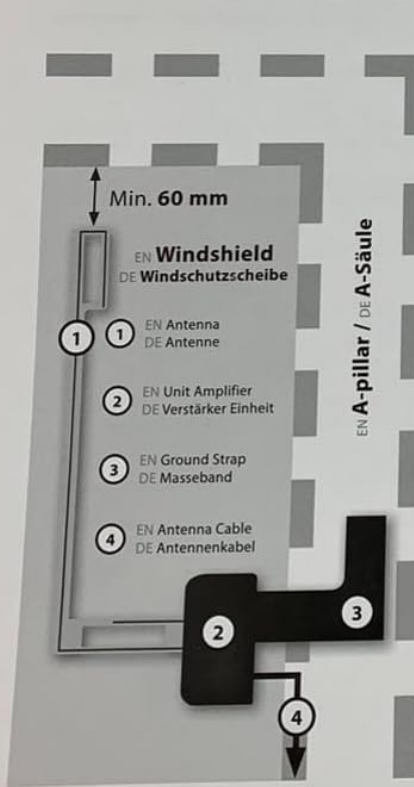
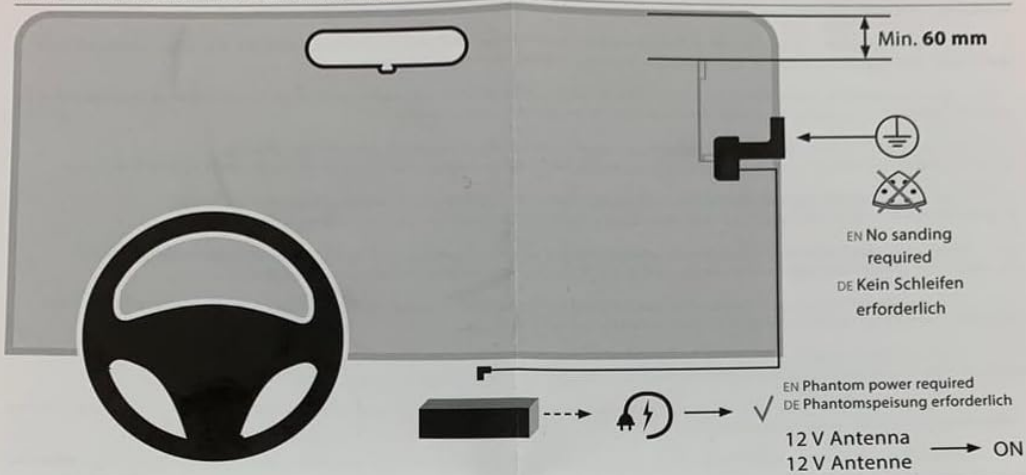
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ENGLISH Please note:
Installation should be performed by a qualified vehicle technician, as airbags may be installed in the area of the A-pillar and the sound panel. In the event of improper dismantling or assembly of cladding parts, it can be triggered and thus injuries caused by flying parts. For safety reasons, the ignition should be switched off and the vehicle battery disconnected.

A. Carefully remove the cover from the A-pillar on the passenger side.
Note: It is not recommended to attach the DAB antenna to heated elements on the windshield, as this can impair signal reception. Adjust the antenna position / mounting distance to the heated windshield.

B. The antenna should be installed on the passenger side of the windshield. Make sure that there is a 60 mm clearance from the edge of the pane at the top of the antenna. The antenna should be installed parallel to the A-pillar. Select the distance so that the ground strap can still be glued to the A-pillar while the strap is in contact with the contour of the A-pillar, but the A-pillar cladding can also be reassembled correctly later. Carefully clean the windshield where the antenna is to be installed (alcohol / isopropanol) and allow the area to dry well (the adhesive does not adhere to a damp surface).

C. Make sure the glass surface is dry before sticking on the antenna. Remove the adhesive backing from the antenna and stick the antenna to the windshield.

D. Remove the adhesive backing from the ground strap and stick it to the A-pillar.

Note: You don't have to remove any paint. Make sure to adapt the ground strap to the contour of the A-pillar so that the cladding can be installed correctly again later.

GERMAN Bitte beachten:
Der Einbau sollte von einem qualifizierten Fahrzeugtechniker durchgeführt werden, da im Bereich der A-Säule und Armaturenbrett möglicherweise Airbags installiert sind. Bei unsachgemäßer Demontage oder Montage von Verkleidungsteilen kann es zur Auslösung und damit zu Verletzungen durch umherfliegende Teile kommen. Aus Sicherheitsgründen sollte die Zündung ausgeschaltet und die Fahrzeugbatterie abgeklemmt werden.

A. Entfernen Sie vorsichtig die Abdeckung der A-Säule auf der Beifahrerseite.

Hinweis: Es wird nicht empfohlen, die DAB Antenne an beheizten Elementen an der Windschutzscheibe anzubringen, da dies den Signalempfang beeinträchtigen kann. Passen Sie die Antennenposition / den Montageabstand an die beheizte Windschutzscheibe an.

B. Die Antenne sollte auf der Beifahrerseite der Frontscheibe angebracht werden. Stellen Sie sicher, dass an der Oberseite der Antenne ein Abstand von 60 mm zum Scheibenrand vorhanden ist. Die Antenne sollte parallel zur A-Säule verbaut werden. Wählen Sie den Abstand so, dass das Masseband unter Anlage des Bandes an die Kontur der A-Säule noch auf der A-Säule verklebt werden kann, aber auch die A-Säulen-Verkleidung später wieder korrekt montiert werden kann. Säubern Sie die Windschutzscheibe an der Stelle, an der die Antenne verbaut werden soll, sorgfältig (Alkohol/Isopropanol), und lassen Sie die Stelle gut trocknen (Auf feuchtem Untergrund haftet der Klebstoff nicht).

C. Stellen Sie sicher, dass die Glasoberfläche trocken ist, bevor Sie die Antenne aufkleben. Entfernen Sie den Kleberücken von der Antenne und kleben Sie die Antenne auf die Windschutzscheibe.

D. Entfernen Sie den Kleberücken des Massebandes und kleben Sie es auf die A-Säule.

Hinweis: Sie dürfen keine Farbe entfernen. Achten Sie darauf, das Masseband an die Kontur der A-Säule anzupassen, damit später die Verkleidung wieder korrekt verbaut werden kann.

Detailed diagram showing the recommended installation points and wiring for the antenna.



The complete Pioneer CA-AN-DAB.001 DAB antenna unit, featuring the main antenna body, the attached cable, and the gold-colored connector at the end of the cable.



A close-up view of the gold-plated connector, which ensures a secure and high-quality connection to your DAB receiver.

Your browser does not support the video tag.

An official product video showcasing the Pioneer CA-AN-DAB.001 DAB Antenna from various angles, providing a visual overview of the product.

4. OPERATING THE ANTENNA

The Pioneer CA-AN-DAB.001 is an active antenna designed to receive DAB/DAB+ digital radio signals. Once properly installed and connected to a compatible DAB receiver, the antenna operates automatically to capture available digital radio broadcasts.

Ensure your DAB receiver is powered on and tuned to the desired DAB station. The antenna will then provide the necessary signal for clear audio reception. Signal strength may vary based on location and environmental factors.

5. MAINTENANCE

The Pioneer CA-AN-DAB.001 DAB Antenna requires minimal maintenance. Follow these guidelines to ensure its longevity and optimal performance:

- **Cleaning:** If the antenna surface becomes dirty, gently wipe it with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners, as these can damage the antenna's surface or adhesive.
- **Inspection:** Periodically check the antenna's adhesive bond to the windshield and the cable connections to ensure they remain secure.
- **Environmental Factors:** While designed for automotive use, extreme temperatures or prolonged exposure to direct sunlight may affect the adhesive over time.

6. TROUBLESHOOTING

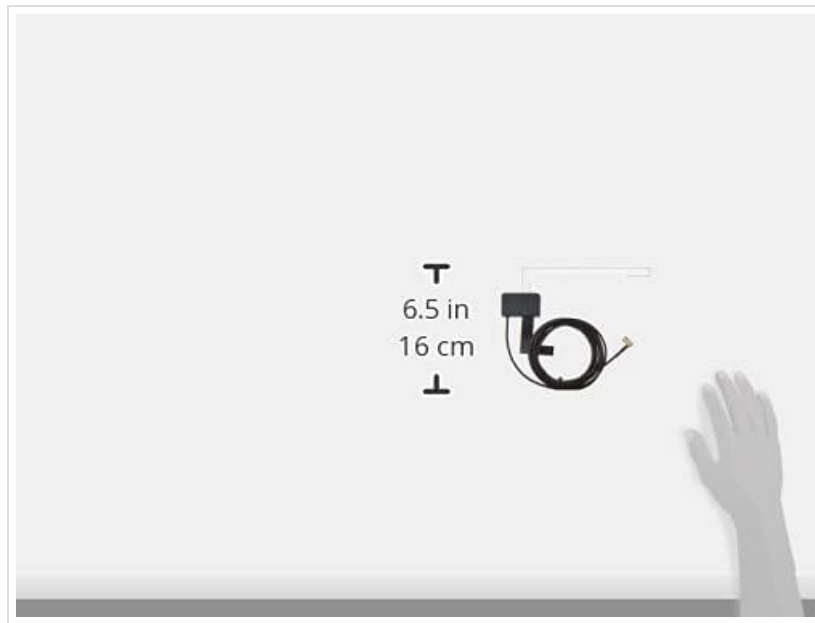
If you experience issues with your Pioneer CA-AN-DAB.001 DAB Antenna, consider the following troubleshooting steps:

- **No Signal or Poor Reception:**
 - Check all cable connections to ensure they are secure and properly seated.
 - Verify that the ground strap has good metal-to-metal contact with the vehicle chassis.
 - Ensure the antenna is correctly positioned on the windshield, away from any metallic obstructions or tinted areas.
 - Test reception in different locations, as DAB signal strength can vary geographically.
 - Confirm that your DAB receiver is functioning correctly and is compatible with an active antenna.
- **Antenna Detaching:**
 - Ensure the glass surface was thoroughly cleaned and dry before initial installation.
 - Reapply with a strong, automotive-grade adhesive if necessary, after cleaning the surface again.

If problems persist after following these steps, it is recommended to consult a qualified car audio technician or contact Pioneer customer support.

7. SPECIFICATIONS

Brand	PIONEER
Model Number	CA-AN-DAB.001
Product Dimensions	7.87 x 5.91 x 2.95 inches
Item Weight	1.59 ounces
Color	Black
Antenna Type	Radio (DAB/DAB+)
Maximum Range	3.5 Meters (cable length)
Manufacturer	Pioneer



A diagram illustrating the physical dimensions of the antenna, specifically highlighting its height of 6.5 inches or 16 centimeters.

8. WARRANTY AND SUPPORT

Pioneer products are manufactured to high-quality standards and are backed by a limited warranty. Please refer to the warranty card included with your product for specific terms and conditions, including warranty period and coverage details.

For technical support, service, or to view the Declaration of Conformity for this product, please visit the official Pioneer website or contact their customer service department. You can find the Declaration of Conformity and other compliance information at: <http://www.pioneer.car.eu/compliance>

ENGLISH Hereby, Pioneer declares that the radio equipment is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://www.pioneer car.eu/compliance>

BULGARIAN С настоящото Pioneer декларира, че това радиосъоръжение е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: <http://www.pioneer car.eu/compliance>

CROATIAN Pioneer ovime izjavljuje da je radijska oprema u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: <http://www.pioneer car.eu/compliance>

CZECH Tímto Pioneer prohlašuje, že rádiová zařízení je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: <http://www.pioneer car.eu/compliance>

DANISH Hermed erklærer Pioneer, at radioustyr er i overensstemmelse med direktiv 2014/53/EU. EU overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: <http://www.pioneer car.eu/compliance>

DUTCH Hierbij verklaar ik, Pioneer, dat het radiotoestel conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: <http://www.pioneer car.eu/compliance>

ESTONIAN Käesolevaga deklareerib Pioneer, et käesolev raadioseadmete vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: <http://www.pioneer car.eu/compliance>

FINNISH Pioneer vakuuttaa, että radiolaitteet on direktiivin 2014/53/EU mukainen. EU vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: <http://www.pioneer car.eu/compliance>

FRENCH Le soussigné, Pioneer, déclare que l'équipement radioélectrique est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: <http://www.pioneer car.eu/compliance>

GERMAN Hiermit erkläre Pioneer, dass der Funkanlage der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: <http://www.pioneer car.eu/compliance>

GREEK Με την παρούσα ο/η Pioneer, δηλώνει ότι ο ραδιοεξοπλισμός πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: <http://www.pioneer car.eu/compliance>

HUNGARIAN Pioneer igazolja, hogy a rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU megfeleléségi nyilatkozat teljes szövege elérhető a következő internetes címen: <http://www.pioneer car.eu/compliance>

ITALIAN Con la presente Pioneer dichiara che l'apparechiatura radio è conforme alla Direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: <http://www.pioneer car.eu/compliance>

LATVIAN Ar šo Pioneer deklarē, ka radioiekārtā atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: <http://www.pioneer car.eu/compliance>

LITHUANIAN Aš, Pioneer, patvirtinu, kad radijo įrenginių atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: <http://www.pioneer car.eu/compliance>

MALTESE B'dan, Pioneer, niddikjara li tagħmir tar radju huwa konformi mad Direttiva 2014/53/UE. It test kollu tad dikjarazzjoni ta' konformità tal UE huwa disponibbli f'dan l indirizz tal Internet li ġej: <http://www.pioneer car.eu/compliance>

POLISH Pioneer niniejszym oświadczam, że urządzeń radiowych jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: <http://www.pioneer car.eu/compliance>

PORTUGUESE O(a) abaixo assinado(a) Pioneer declara que o presente equipamento de rádio está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: <http://www.pioneer car.eu/compliance>

ROMANIAN Prin prezenta, Pioneer declară că echipamentul radio este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: <http://www.pioneer car.eu/compliance>

SLOVAKIAN Týmto vyhlasuje, že rádiové zariadenia je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: <http://www.pioneer car.eu/compliance>

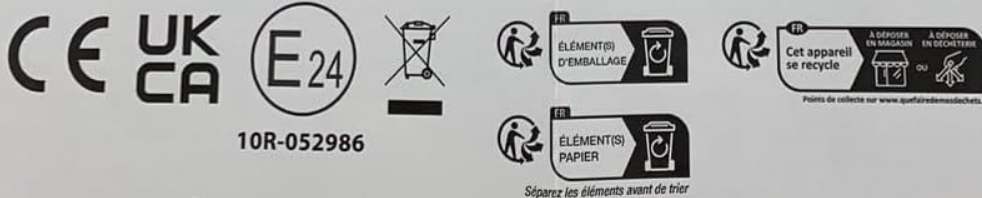
SLOVENIAN Pioneer potrjuje, da radijska oprema skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: <http://www.pioneer car.eu/compliance>

SPANISH Por la presente, Pioneer declara que el equipo radioeléctrico es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: <http://www.pioneer car.eu/compliance>

SWEDISH Härmed försäkrar Pioneer att denna radioutrustning överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU försäkran om överensstämmelse finns på följande webbadress: <http://www.pioneer car.eu/compliance>

NORWEGIAN Herved erklærer Pioneer at radioustyr er i samsvar med direktiv 2014/53 / EU. Den fullstendige teksten i EU samsvarserklæringen er tilgjengelig på følgende internettadresse: <http://www.pioneer car.eu/compliance>

TURKISH Burada Pioneer radyo ekipmanı 2014/53/EU direktiflerine uyumlu olduğunu beyan eder. Avrupa uyumluluk beyaninin tam metni belirtilen internet sitesinde mevcuttur: <http://www.pioneer car.eu/compliance>



Pioneer CA-AN-DAB.001 | Window mount DAB antenna for Pioneer receivers. | Version 3.5

This document is the official Declaration of Conformity from Pioneer, detailing the product's adherence to European regulations and providing a link to the compliance website.

