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› UEYUAN DAB+ USB 2.0 Digital Radio Tuner Adapter for Android Car Stereo Manual

UEYUAN B08F37Q9PY

UEYUAN DAB+ USB 2.0 Digital Radio Tuner Adapter User Manual

Model: B08F37Q9PY

1. PRODUCT OVERVIEW

The UEYUAN DAB+ USB 2.0 Digital Radio Tuner Adapter is designed to bring high-quality digital audio broadcasting (DAB/DAB+) to your Android car stereo system. Constructed from durable ABS material, it offers high conductivity and a low temperature coefficient for stable performance and enhanced RF quality. This adapter provides a superior listening experience with clear, distortion-free sound.

DAB+ Digital Radio Box

For Android Car multimedia System USB Port/Amplified Antenna



Image: The UEYUAN DAB+ USB 2.0 Digital Radio Tuner Adapter and its accompanying amplified antenna, designed for Android car multimedia systems.

Key Features:

- **Faster Station Changes:** Enjoy quicker transitions between radio stations, as one digital station often encompasses multiple channels.
- **Multiple Channel Choices:** Access a wider variety of programs with ease, as a single frequency can host several channels.
- **Audiophile-Level Sound:** Experience CD-quality audio without distortion, enhancing your in-car listening.
- **Powerful Anti-Interference:** Designed for stable performance in dynamic environments, making it ideal for vehicle use.
- **Easy Installation:** Simple plug-and-play setup with compatible Android head units.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x DAB+ USB Adapter
- 1 x DAB+ Antenna

Car Digital DAB



1 * DAB+ B0X

1 * Antenna

1 * USB

Image: The package includes one DAB+ USB adapter and one DAB+ antenna.

3. SPECIFICATIONS

Material	ABS
Color	Black
Radio Type	DAB/DAB+ Digital
Operating Voltage	DC 5V
Operating Current	30 - 60 mA
Rated Current	40 - 50 mA
Frequency Ranges	BandIII 170 - 240 MHz

Output Gain	15 ± 3dB (Band III), 12 ± 3db (L frequency)
Output Impedance	50 / 75 Ω
VSWR	≤ 2
NS	≤ 2 dB
Operating Temperature	-30 to 80 °C
Connections	USB
Special Features	DAB
Compatible Devices	Android Car Stereos

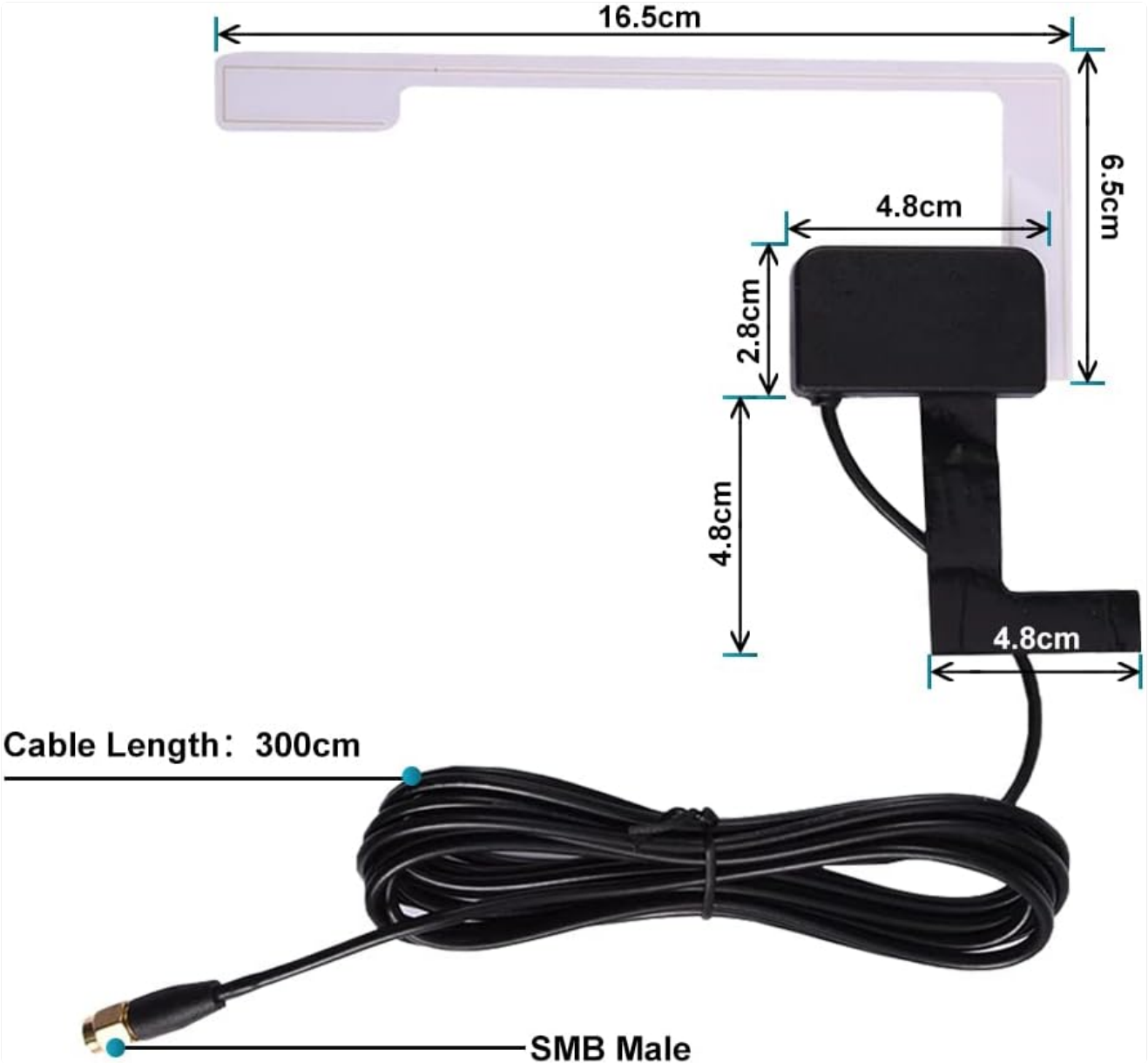


Image: Detailed dimensions of the DAB+ antenna, including its length, width, and cable length (300cm).

4. INSTALLATION GUIDE

Follow these steps to properly install the DAB+ USB adapter and antenna in your vehicle:

1. **Prepare the A-pillar:** Carefully open or remove the plastic gusset plate on the right A-pillar of your vehicle.

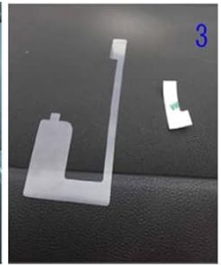
2. **Prepare the Antenna:** Tear off the white protective paper from the black film on the antenna. Then, tear off the protective paper from the transparent film. The torn-off white and transparent protective papers are no longer needed.
3. **Attach Antenna to A-pillar:** Stick the black film portion of the antenna onto the hardware of the A-pillar.
4. **Attach Antenna to Glass:** Stick the transparent film portion of the antenna onto the car's windshield. Ensure the installation position of the plastic gusset is carefully considered.
5. **Secure the Cable:** Adhere the antenna cable using the black film and transparent film, ensuring it is securely routed.
6. **Reinstall A-pillar:** Reinstall the A-pillar plastic gusset, taking care not to damage the black film of the antenna.
7. **Connect USB Adapter:** Plug the DAB+ USB adapter into an available USB port on your Android car stereo.

Installation Steps

1. Please open A column plastic gusset plate on the right



1. Tear off the white protective paper on the black film
2. Tear off the protective paper on the transparent film
3. The torn off white protective paper and transparent protective paper are not needed



3. Please stick the black film on the hardware of the A-pillar, and stick the transparent film on the glass. Be careful to keep the installation position of the plastic gusset.



4. Adhere to the black film and the transparent film and secure the cable.



5. Reinstall the A-pillar plastic gusset, being careful not to break the black film.



Image: Visual guide illustrating the six steps for installing the DAB+ antenna on the car's A-pillar and windshield.

5. OPERATION INSTRUCTIONS

Once the DAB+ USB adapter and antenna are installed, follow these steps to operate the digital radio:

1. **Launch DAB+ Application:** On your Android car stereo, open the pre-installed DAB+ application. If your stereo does not have a compatible DAB+ application, please contact customer support for the necessary APK file.

2. **Antenna Placement Suggestion:** For optimal signal reception, ensure the antenna is placed with a 2-3 cm gap from the window frame.
3. **Scan for Stations:** Within the DAB+ application, initiate a scan for available digital radio stations.
4. **Select Station:** Once the scan is complete, select your desired DAB/DAB+ radio station from the list.

Operation Instructions

Install DAB/DAB+Antenna(follow the diagram below)

Suggestion:Leave 2-3CM gap from the window frame



Image: Diagram showing the recommended placement of the DAB+ antenna inside a car, suggesting a 2-3cm gap from the window frame for best reception.

6. IMPORTANT CONSIDERATIONS

This USB DAB+ adapter is designed to function exclusively in regions that support Digital Audio Broadcasting (DAB/DAB+) signals. Operation in areas without a regular DAB/DAB+ digital radio service will not be possible.

Countries and areas with regular DAB/DAB+ digital radio services include, but are not limited to: Australia, Belgium, Czech Republic, Denmark, France, Germany, Gibraltar, Ireland, Italy, Kuwait, Malta, Monaco, Netherlands, Norway, Poland, Slovenia, South Korea, Spain, Sweden, Switzerland, United Kingdom, and Hong Kong.

7. TROUBLESHOOTING

- **No Signal or Poor Reception:**

- Verify that your current location is within a region with active DAB/DAB+ digital radio services (refer to Section 6).
- Ensure the antenna is correctly installed and positioned, maintaining the recommended 2-3 cm gap from the window frame.
- Check all connections, ensuring the USB adapter is firmly plugged into the car stereo's USB port.
- Perform a new station scan within the DAB+ application.

- **DAB+ Application Not Working:**

- Confirm that the DAB+ application on your Android car stereo is compatible with the adapter.
- If you are using a non-BOOYES Android head unit and the pre-installed app is incompatible, contact customer support to obtain the correct APK file for installation.

- **Intermittent Audio:**

- This may indicate weak signal strength. Re-evaluate antenna placement and ensure it is not obstructed.
- Check for potential sources of electrical interference within the vehicle.

8. MAINTENANCE

The UEYUAN DAB+ USB adapter and antenna require minimal maintenance. Keep the components clean and free from dust. Avoid exposing the adapter to extreme temperatures or moisture. Do not attempt to disassemble the unit, as this will void any potential warranty and may cause damage.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or to obtain the DAB+ APK file for non-BOOYES Android head units, please contact the seller or manufacturer directly through the platform where the product was purchased. Provide your product model number (B08F37Q9PY) and a detailed description of your issue for efficient assistance.