

## Kufatec 43419

# Kufatec 43419 AUX & Bluetooth Adapter

## Instruction Manual

### 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Kufatec 43419 AUX & Bluetooth Adapter. This adapter enables high-quality wireless music streaming from your mobile devices to your Audi vehicle equipped with MMI 3G Low or High systems.

Please read this manual thoroughly before installation and use to ensure proper functionality and to avoid any damage.

### 2. PRODUCT FEATURES

- High-quality wireless music streaming via Bluetooth 4.0 technology.
- Supports A2DP (Advanced Audio Distribution Profile) for superior audio quality.
- Compatible with uncompressed audio files such as Wave, FLAC, Lossless, and MP3.
- Automatic power-on and connection upon vehicle ignition.
- Remembers the last paired device for seamless reconnection.
- Allows music control directly from your mobile device, MMI, or MFL (Multi-Function Steering Wheel).
- Supports music input via RCA port.
- Designed for discreet, hidden installation within the vehicle.

### 3. COMPATIBILITY

The Kufatec 43419 adapter is specifically designed for use with:

- Audi vehicles equipped with **MMI 3G Low** infotainment systems.
- Audi vehicles equipped with **MMI 3G High** infotainment systems.

It is compatible with all Bluetooth-enabled mobile devices, including but not limited to iPhone, Android, Windows phones, iPad, and iPod.

### 4. PACKAGE CONTENTS

Upon unboxing, please verify that all components are present:

- 1 x Kufatec 43419 Bluetooth Adapter unit

- 1 x Cable set with fiber optic conductor

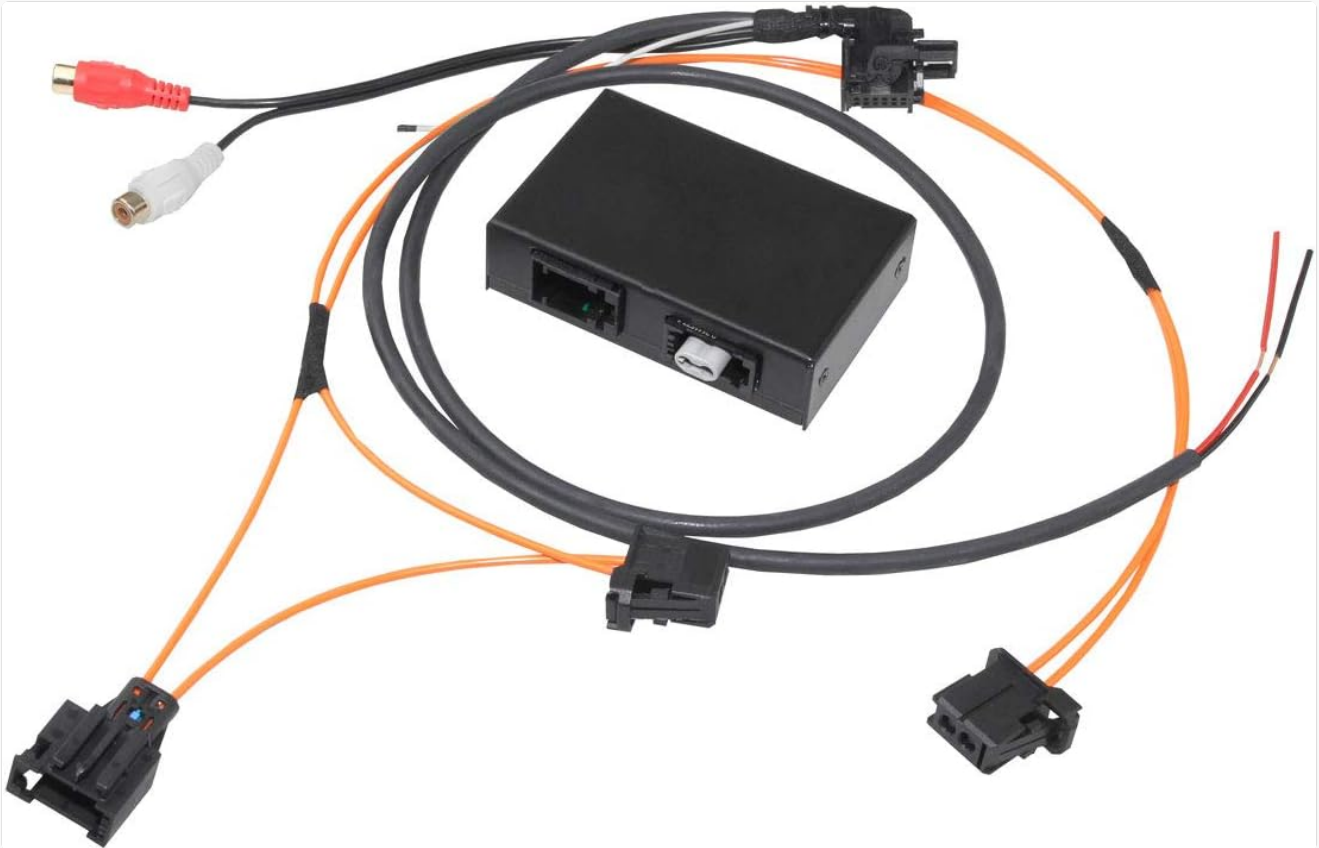


Image 1: Overview of the Kufatec 43419 Bluetooth Adapter and its accompanying cable set, including the fiber optic conductor and RCA connectors.

## 5. SETUP AND INSTALLATION

The Kufatec 43419 adapter is designed for a Plug & Play installation, typically behind the glove compartment. The music control is managed directly from your mobile device, allowing the adapter to be installed discreetly without visible cables.

### Installation Steps:

1. **Preparation:** Ensure your vehicle's ignition is off and the battery is disconnected before beginning installation to prevent electrical damage.
2. **Access MMI System:** Locate the MMI unit, often found behind the glove compartment or in the trunk, depending on your Audi model. Refer to your vehicle's service manual for precise location and access instructions.
3. **Connect Fiber Optic Cable:** The adapter connects into the vehicle's fiber optic system. Carefully integrate the provided fiber optic conductor into the existing MOST (Media Oriented Systems Transport) ring. Ensure proper connection to maintain the integrity of the optical network.
4. **Connect Power:** Connect the power cables of the adapter to a suitable power source within the vehicle's electrical system. Follow the wiring diagram provided with the product for correct polarity and fuse protection.
5. **Optional RCA Connection:** If you intend to use the RCA input for audio, connect your external audio source to the RCA ports on the adapter.
6. **Secure Adapter:** Once all connections are made, secure the Kufatec 43419 adapter in a hidden location, such as behind the glove compartment, to ensure it does not interfere with vehicle operation or aesthetics.
7. **Reconnect Battery:** Reconnect the vehicle's battery and turn on the ignition.

*Note: If you are unsure about any step of the installation process, it is recommended to seek assistance from a*

qualified automotive technician.

## 6. OPERATION

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### Initial Pairing:

1. Turn on your vehicle's ignition. The Kufatec 43419 adapter will automatically power on.
2. On your mobile device, navigate to the Bluetooth settings.
3. Search for available Bluetooth devices. The adapter should appear as "Kufatec 43419" or a similar identifier.
4. Select the adapter to pair. No PIN is typically required.
5. Once paired, your mobile device will be connected to the adapter.

### Music Streaming:

- After successful pairing, open your preferred music application on your mobile device.
- Start playing music. The audio will be streamed wirelessly to your Audi's MMI system.
- Control playback (play, pause, skip tracks) directly from your mobile device, or via your vehicle's MMI controls or Multi-Function Steering Wheel (MFL) if supported by your MMI version.
- The adapter can be connected to multiple devices, but only one device can stream music at a time.

### Automatic Reconnection:

The system remembers the last registered device and will automatically connect to it when the vehicle ignition is turned on and the device is within range with Bluetooth enabled.

### Using RCA Input:

In addition to Bluetooth, you can also feed music into the system via the RCA port. Ensure your external audio device is connected to the RCA inputs on the adapter.

## 7. MAINTENANCE

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The Kufatec 43419 AUX & Bluetooth Adapter requires minimal maintenance. Follow these guidelines to ensure its longevity:

- **Cleaning:** Keep the adapter unit free from dust and debris. If cleaning is necessary, use a soft, dry cloth. Do not use liquid cleaners or solvents.
- **Environment:** Ensure the adapter is installed in a dry environment, away from extreme temperatures and direct moisture.
- **Cable Integrity:** Periodically check the cables for any signs of wear or damage. Ensure all connections remain secure.

## 8. TROUBLESHOOTING

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If you encounter issues with your Kufatec 43419 adapter, consider the following troubleshooting steps:

- **No Power:**
  - Check all power connections to the adapter.
  - Verify the vehicle's fuse for the MMI system or the circuit the adapter is connected to.
- **Cannot Pair Bluetooth Device:**
  - Ensure Bluetooth is enabled on your mobile device.

- Make sure the adapter is powered on (vehicle ignition is on).
- Try restarting your mobile device and the vehicle's MMI system.
- Ensure no other device is currently connected to the adapter. The adapter supports multiple paired devices but only one active connection.
- Delete the adapter from your mobile device's Bluetooth history and try pairing again.

• **No Audio Output:**

- Verify that your mobile device is playing music and the volume is turned up.
- Check the volume level on your vehicle's MMI system.
- Ensure the correct audio source (e.g., AUX or external input) is selected on your MMI.
- Confirm that the fiber optic cable is correctly installed and seated. A loose connection can disrupt the MOST ring.
- If using RCA input, ensure the external audio source is functioning and connected correctly.

• **Intermittent Connection/Audio Dropouts:**

- Ensure your mobile device is within close proximity to the adapter.
- Check for potential sources of interference (e.g., other wireless devices).
- Restart both the mobile device and the MMI system.

If these steps do not resolve the issue, please contact Kufatec customer support or your retailer for further assistance.

## 9. SPECIFICATIONS

Feature	Specification
Model Number	43419
Brand	Kufatec (Need4Street)
Connectivity Technology	AUX, Bluetooth
Wireless Communication Standard	Bluetooth 4.0
Compatible Devices	Smartphone (iPhone, Android, Windows), iPad, iPod
Supported Audio Formats	MP3, WAV, FLAC, Lossless, Wave
Special Features	Wireless, Automatic Connection, A2DP
Power Source	Vehicle Power Adapter
Interface	Bluetooth, Fiber Optic (MOST), RCA





## 10. WARRANTY AND SUPPORT

For information regarding warranty coverage and technical support for your Kufatec 43419 AUX & Bluetooth Adapter, please refer to the documentation provided at the time of purchase or visit the official Kufatec website. You may also contact the retailer from whom you purchased the product for assistance.

For direct support, you can typically find contact information on the manufacturer's official website:

**Kufatec Official Website:** [www.kufatec.com](http://www.kufatec.com)

Related Documents

	<p><a href="#">KUFATEC AMI Audi Music Interface Installation Manual</a></p> <p>Installation manual for the KUFATEC AMI Audi Music Interface, detailing the process for vehicles with MMI 3G systems. Includes safety instructions, wiring guidance, and coding procedures.</p>
	<p><a href="#">Audi MMI 2G, 3G Multimedia Adapter Installation Guide</a></p> <p>Comprehensive installation instructions for the KUFATEC Multimedia Adapter for Audi MMI 2G and 3G systems. Covers vehicle compatibility, safety precautions, and step-by-step installation procedures for various Audi models.</p>
	<p><a href="#">KUFATEC APS advance Rear View Camera Installation Manual for Audi Q5 8R MMI 3G</a></p> <p>Comprehensive installation manual for the KUFATEC APS advance rear view camera system, compatible with Audi Q5 8R models featuring MMI 3G infotainment. Includes general advice, safety instructions, scope of delivery, detailed installation steps, connection diagrams, and coding procedures.</p>
	<p><a href="#">KUFATEC Bluetooth Freisprecheinrichtung für Audi MMI 3G: Installationshandbuch</a></p> <p>Umfassende Installationsanleitung für KUFATEC Bluetooth-Freisprecheinrichtungen in verschiedenen Audi-Modellen (A4, A5, A6, A8, Q5, Q7) mit MMI 3G. Enthält Sicherheitshinweise, Anschlussdiagramme und Codierungsverfahren.</p>