

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Cadence](#) /

› [Cadence US10D4 10-Inch Car Subwoofer Instruction Manual](#)

## Cadence US10D4

# Cadence US10D4 Car Subwoofer Instruction Manual

Model: US10D4 | Brand: Cadence

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Cadence US10D4 10-inch car subwoofer. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

## SAFETY INFORMATION

Always observe the following safety precautions:

- Disconnect the vehicle's battery before beginning any installation.
- Ensure all wiring is correctly connected and insulated to prevent short circuits.
- Mount the subwoofer securely to prevent movement during vehicle operation.
- Avoid exposing the subwoofer to moisture or extreme temperatures.
- Consult a professional car audio installer if you are unsure about any installation steps.
- Do not operate the subwoofer beyond its specified power ratings to prevent damage.

## PACKAGE CONTENTS

Verify that all items are present in the package:

- Cadence US10D4 10-inch Subwoofer x 1
- Instruction Manual (this document)
- Mounting Hardware (screws, clips)
- Cutout Template

# Specifications



**Cadence**

## Car Subwoofer Ultra Drive Series

Model Number	Size	Impedance	Max Power	RMS Power	Voice Coil
US10D4	10 inch	Dual 4 ohm	1200 W	600 W	2.5 inch BAEISV
FR	Sensitivity	Mounting Depth			
31 Hz - 500 Hz	91 dB	6 inch			
Package contents	- Subwoofer x 1 - Manual - Wires - Mounting Hardware - Cutout Template				

**Image Description:** A visual representation of the Cadence US10D4 subwoofer, including its dimensions and a list of typical package contents such as the subwoofer itself, manual, wires, mounting hardware, and a cutout template.

## SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. Follow these steps carefully:

- 1. Planning the Enclosure:** The US10D4 subwoofer is designed for various enclosure types. Refer to the specifications for recommended enclosure volumes.
- 2. Mounting Location:** Choose a secure location in your vehicle, typically the trunk or a dedicated subwoofer box. Ensure adequate clearance around the subwoofer for proper air circulation and excursion.
- 3. Cutting the Opening:** Use the provided cutout template to mark and cut the mounting hole. The cutout diameter is 9.1 inches.
- 4. Wiring:** The US10D4 features a Dual 4 Ohm voice coil. Connect the subwoofer to a compatible amplifier. Ensure correct polarity for all connections. Refer to your amplifier's manual for specific wiring diagrams for dual voice coil subwoofers (series or parallel wiring).
- 5. Secure Mounting:** Place the subwoofer into the cutout and secure it using the provided mounting screws. Ensure a tight, vibration-free fit.



**Image Description:** A detailed front view of the Cadence US10D4 10-inch car subwoofer, highlighting its black cone and the distinctive orange outer trim. This image shows the overall design and appearance of the subwoofer unit.

# Car Subwoofer Ultra Shock Series 10"

Engineered for High Performance and Sound Quality



Max Power  
1200 W



FR  
31 Hz - 500 Hz



Sensitivity  
91 dB

**Image Description:** An image depicting two Cadence US10D4 subwoofers professionally installed within a custom enclosure in the trunk of a red car. Overlaid graphics indicate key performance metrics such as Max Power (1200W), Frequency Response (31 Hz - 500 Hz), and Sensitivity (91 dB).



**Image Description:** A person is shown carefully sliding a custom-built subwoofer enclosure, containing two Cadence subwoofers, into the trunk of a car. This illustrates a typical installation scenario for the product.

## OPERATING INSTRUCTIONS

---

Once installed, follow these guidelines for optimal performance:

- **Initial Break-in:** Allow a break-in period of approximately 10-20 hours of normal listening before operating the subwoofer at high volumes. This allows the suspension components to loosen and perform optimally.
- **Amplifier Settings:** Adjust your amplifier's gain, crossover, and bass boost settings according to your system's requirements and the subwoofer's specifications. Start with low gain and gradually increase.
- **Volume Control:** Avoid excessive volume levels that cause audible distortion or "clipping" from your amplifier, as this can damage the subwoofer.
- **Listening Environment:** The acoustics of your vehicle will significantly impact sound quality. Experiment with subwoofer placement and amplifier settings to achieve the desired bass response.

## MAINTENANCE

---

The Cadence US10D4 subwoofer requires minimal maintenance:

- **Cleaning:** Use a soft, dry cloth to wipe down the cone and surround. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check all wiring connections for tightness and ensure no wires are frayed or exposed.
- **Secure Mounting:** Verify that the subwoofer remains securely mounted and that no mounting screws have loosened over time.
- **Environmental Protection:** Keep the subwoofer free from dust, debris, and direct sunlight when not in use or if exposed in the vehicle.

## TROUBLESHOOTING

If you experience issues with your subwoofer, consult the following table:

Problem	Possible Cause	Solution
No Sound	No power to amplifier; incorrect wiring; amplifier in protect mode; faulty signal cable.	Check amplifier power and ground connections; verify all wiring connections (speaker, RCA, remote); reset amplifier; test signal cables.
Distorted Sound	Amplifier gain too high; damaged voice coil; incorrect enclosure; clipping.	Reduce amplifier gain; check for physical damage to cone/voice coil; ensure proper enclosure volume; lower volume to prevent clipping.
Weak Bass	Incorrect amplifier settings; phase issues; insufficient power; small enclosure.	Adjust amplifier crossover and bass boost; check subwoofer phase setting; ensure amplifier provides adequate power; verify enclosure volume.
Subwoofer Overheating	Overpowering; insufficient ventilation; prolonged high volume use.	Reduce volume; ensure adequate airflow around the subwoofer and amplifier; verify RMS power matching.

# Solid, Reliable, Durable

Larger Motor Structure and Heatsink Technology



**Image Description:** A view of the rear of the Cadence US10D4 subwoofer, highlighting its robust motor structure and the aero-style vent designed for cooling. This image illustrates the components responsible for heat dissipation and linearity.

# Powerful, Clean Bass



- Voice Coil  
2.5" Black Aluminium 4 Layer
- Cone  
Kevlar Reinforced Ultra Stiff Paper
- Surround  
Butyl Rubber

**Image Description:** A close-up shot of the Cadence US10D4 subwoofer's cone, voice coil, and surround. Text overlays indicate key features such as the 2.5" Black Aluminium 4 Layer Voice Coil, Kevlar Reinforced Ultra Stiff Paper Cone, and Butyl Rubber Surround, emphasizing the materials used for powerful and clean bass.

# High Quality Materials



- Spider  
Dual Layer Linear Conex

- Basket  
Stamped Metal
- Terminal  
Dual Nickel Plated

**Image Description:** This image displays the various high-quality components of the Cadence US10D4 subwoofer, including the Dual Layer Linear Conex Spider, Stamped Metal Basket, and Dual Nickel Plated Terminals, showcasing the robust construction of the unit.

## SPECIFICATIONS

Feature	Detail
Model Number	US10D4
Subwoofer Diameter	10 Inches
Impedance	Dual 4 Ohm
RMS Power	600 Watts
Max Power	1200 Watts
Frequency Response (FR)	31 Hz - 500 Hz
Sensitivity	91 dB
Mounting Depth	6 inches

Feature	Detail
Cut-out Diameter	9.1 inches
Voice Coil	2.5 inch Black Aluminium 4 Layer
Cone Material	Kevlar Reinforced Ultra Stiff Pressed Paper
Spider	Dual Layer Linear Conex
Surround Material	Butyl Rubber
Basket Type	Stamped Metal
Terminal Type	Dual Nickel Plated

## WARRANTY AND SUPPORT

---

Cadence products are designed for durability and performance. For warranty information and technical support, please refer to the official Cadence website or contact their customer service. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance, visit the [Cadence Store on Amazon](#).