

DS18 JK-SBAR/W

DS18 JK-SBAR/WH White Jeep Wrangler Overhead Soundbar Instruction Manual

Model: JK-SBAR/W | For Jeep Wrangler JK & JKU (2007-2017)

1. INTRODUCTION

The DS18 JK-SBAR/WH is an overhead soundbar system specifically designed for Jeep Wrangler JK and JKU models manufactured between 2007 and 2017. This product is engineered to provide a robust platform for integrating a custom audio system into your vehicle's interior. It accommodates a variety of speakers, tweeters, and screw-on drivers, allowing for a personalized sound experience.

This manual provides essential information regarding the installation, operation, and maintenance of your DS18 JK-SBAR/WH soundbar. Please read these instructions thoroughly before installation and retain them for future reference.

2. SAFETY INFORMATION

- Always disconnect the vehicle's battery before beginning any electrical installation to prevent electrical shock or damage.
- Ensure all wiring is properly insulated and secured to prevent short circuits and potential fire hazards.
- Wear appropriate safety gear, including eye protection, during installation.
- If you are unsure about any part of the installation process, consult a professional audio installer.
- Do not obstruct the driver's view or interfere with the safe operation of the vehicle.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- DS18 JK-SOUND BAR (White)
- Mounting Bracket
- Input Cable

4. PRODUCT OVERVIEW AND FEATURES

The DS18 JK-SBAR/WH is constructed from UV-resistant, high-density ABS plastic, ensuring durability and longevity in

various environmental conditions. It is designed for a precise OEM fitment in compatible Jeep Wrangler models.



Image 1: Front view of the DS18 JK-SBAR/WH White Overhead Soundbar, showcasing its speaker cutouts and central DS18 logo.

Speaker Accommodation

The soundbar is engineered to accommodate a comprehensive audio setup:

- **4 x 8-inch Speakers:** Designed to fit most DS18 8-inch speakers.
- **4 x 1.75-inch Tweeters:** Dedicated mounting points for 1.75-inch tweeters.
- **2 x 1.31-inch Screw-on Drivers:** Specific locations for screw-on drivers.

JEEP JK OVERHEAD SOUND BAR SYSTEM



Available in these colors   

DS18's JK-SBAR is a revolutionary Jeep Audio Solution designed by the team of expert engineers at DS18. This overhead bar system is specifically crafted to provide Jeepers with an immersive audio experience that combines breathtaking clarity with unyielding strength.

FOR JEEP



Image 2: Detailed diagram illustrating the mounting locations for 8-inch speakers, 1.75-inch tweeters, and 1.31-inch screw-on drivers within the soundbar.

RGB Lighting

The DS18 logo on the soundbar features integrated RGB lighting. For basic single-color illumination, direct wiring can be used. For advanced control over millions of colors and lighting effects, an external RGB module such as the DS18 LED-BTC (sold separately) is required.



Image 3: Angled view of the white soundbar, highlighting the illuminated DS18 logo with RGB lighting.

5. SETUP AND INSTALLATION

This section outlines the general steps for installing the DS18 JK-SBAR/WH soundbar. Specific vehicle disassembly and reassembly procedures may vary and should be referenced from your Jeep Wrangler's service manual.

Pre-Installation Checklist

- Ensure the vehicle's battery is disconnected.
- Gather all necessary tools (e.g., screwdrivers, wrenches, wire strippers, crimpers).
- Confirm all components listed in Section 3 are present.
- Verify that chosen speakers, tweeters, and drivers have a maximum mounting depth of **10 cm (3.9 inches)** to fit within the soundbar enclosure.

Installation Steps

1. **Remove Existing Soundbar:** Carefully remove the factory overhead soundbar from your Jeep Wrangler. Refer to your vehicle's service manual for specific instructions on panel removal and fastener locations.
2. **Install Audio Components:** Mount your chosen 8-inch speakers, 1.75-inch tweeters, and 1.31-inch screw-on drivers into the designated openings on the DS18 JK-SBAR/WH. Ensure all components are securely fastened.
3. **Wire Audio Components:** Connect the wiring for your speakers, tweeters, and drivers. Route the wires through the soundbar's internal channels and connect them to the included input cable. Ensure proper polarity for all connections.
4. **RGB Lighting Wiring (Optional):** If utilizing the RGB lighting, connect the RGB wires from the DS18 logo. For single-color operation, connect to a constant 12V source. For multi-color control, connect to a compatible RGB controller (e.g., DS18 LED-BTC, sold separately).
5. **Mount the DS18 Soundbar:** Position the DS18 JK-SBAR/WH in the overhead location. Use the provided mounting bracket and hardware to secure the soundbar to the vehicle's frame. Ensure a snug and stable fit.
6. **Connect Input Cable:** Connect the soundbar's input cable to your vehicle's audio system wiring harness. Double-check all connections for security and correct wiring.
7. **Test System:** Reconnect the vehicle's battery. Turn on your vehicle's audio system and test all speakers, tweeters, and drivers to ensure they are functioning correctly. Test the RGB lighting if installed.
8. **Final Assembly:** Reinstall any removed trim panels or covers, ensuring all fasteners are tightened.

6. OPERATING INSTRUCTIONS

Once installed, the DS18 JK-SBAR/WH functions as an enclosure for your audio components. Its operation is primarily dependent on the connected head unit and amplifier.

Audio System Operation

Control your audio playback, volume, and sound settings directly from your vehicle's head unit or external amplifier, as per their respective instruction manuals.

RGB Lighting Operation (If Applicable)

- **Basic Illumination:** If wired for a single color, the DS18 logo will illuminate when power is supplied to its RGB circuit.
- **Advanced Control:** If connected to an RGB controller (e.g., DS18 LED-BTC), refer to the controller's manual for instructions on changing colors, patterns, and brightness.

7. MAINTENANCE

The DS18 JK-SBAR/WH requires minimal maintenance to ensure its longevity and appearance.

- **Cleaning:** Use a soft, damp cloth to wipe down the soundbar's surface. Avoid abrasive cleaners or solvents, as these can damage the UV-resistant finish.
- **Inspection:** Periodically check all mounting points and wiring connections to ensure they remain secure.
- **UV Protection:** The soundbar is made from UV-resistant material, but prolonged exposure to extreme sunlight can still affect its finish over many years.

8. TROUBLESHOOTING

If you encounter issues with your DS18 JK-SBAR/WH, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers	Loose wiring connection; Incorrect wiring polarity; Faulty speaker/amplifier	Check all wiring connections for security and correct polarity. Test speakers and amplifier independently.
Distorted sound	Over-driven amplifier; Incorrect gain settings; Damaged speaker	Reduce amplifier gain. Check head unit output levels. Inspect speakers for physical damage.
RGB logo not illuminating	No power to RGB circuit; Loose connection; Faulty RGB controller (if used)	Verify 12V power supply to RGB wires. Check connections. Test RGB controller.
Soundbar feels loose	Mounting hardware not fully tightened	Re-tighten all mounting bolts and screws securely.

If the problem persists after attempting these solutions, please contact DS18 customer support or a qualified audio technician.

9. SPECIFICATIONS

Feature	Specification
Model Number	JK-SBAR/W
Product Dimensions (L x H x W)	53.5 x 5.2 x 16.8 inches (135.9 x 13.2 x 42.7 cm)
Item Weight	16 pounds (7.26 kg)
Color	White
Material	UV Resistant, High-Density ABS Plastic
Speaker Accommodation	4 x 8-inch Speakers
Tweeter Accommodation	4 x 1.75-inch Tweeters
Driver Accommodation	2 x 1.31-inch Screw-on Drivers
Maximum Speaker Depth	10 cm (3.9 inches)
Special Features	RGB Lighting (DS18 Logo)
Connectivity Technologies	RCA (for audio input)
Compatibility	Jeep Wrangler JK & JKU (2007-2017)

10. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included with your purchase or visit the official DS18 website. Warranty terms and conditions may vary.

For technical support, installation assistance, or any other inquiries, please contact DS18 customer service through their official website or the contact information provided with your product documentation.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question