

Skar Audio RPX65

Skar Audio RPX65 6.5-inch 2-Way Coaxial Car Speakers

Instruction Manual

Model: RPX65 | Brand: Skar Audio

1. INTRODUCTION AND OVERVIEW

The Skar Audio RPX65 6.5-inch 2-way coaxial car speakers are designed as a factory replacement option to enhance the audio experience in your vehicle. These speakers deliver clear and powerful sound, suitable for use with either factory radio power or an external amplifier. Constructed with durable materials such as a microfiber paper cone and a premium butyl rubber surround, they offer both sound quality and long-term reliability. Each speaker incorporates a 20mm aluminum dome tweeter for crisp high-frequency reproduction.

This manual provides essential information regarding the features, specifications, installation, operation, and maintenance of your Skar Audio RPX65 speakers.

2. KEY FEATURES

- **Peak Power:** 200 Watts (Pair)
- **RMS Power:** 60 Watts (Pair)
- **Speaker Impedance:** 4 Ohms
- **Voice Coil:** 1" KSV
- **Mid-Woofer Cone:** Microfiber Paper
- **Surround Material:** Butyl Rubber
- **Tweeter:** 3/4" (20mm) High Grade Aluminum Dome
- **Sensitivity:** 89 dB
- **Frequency Response:** 40 Hz - 20,000 Hz

3. PRODUCT SPECIFICATIONS

Specification	Value
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Specification	Value
Brand	Skar Audio
Model Number	RPX65
Speaker Type	Coaxial
Speaker Size	6.5 inches
Peak Output Power	200 Watts (Pair)
RMS Power	60 Watts (Pair)
Impedance	4 Ohms
Frequency Response	40 Hz - 20,000 Hz
Sensitivity	89 dB
Woofer Diameter	6.5 inches
Tweeter Diameter	20 millimeters
Enclosure Material	Microfiber paper, butyl rubber, aluminum
Connectivity Technology	Wired
Audio Output Mode	Stereo
Mounting Type	Car Mount, Coaxial
Item Weight	4.7 pounds
Color	Black

4. WHAT'S IN THE BOX

- Skar Audio RPX65 6.5-Inch 2-Way Coaxial Car Speakers (Pair)

5. SETUP AND INSTALLATION

Installing car speakers requires basic automotive knowledge and tools. If you are unsure about any step, it is recommended to seek professional installation.

5.1 Pre-Installation Checks

- Verify that the speaker size (6.5 inches) is compatible with your vehicle's speaker openings.
- Ensure you have the necessary tools: screwdriver set, wire strippers, crimpers, drill (if mounting holes are needed), and appropriate wiring.
- Disconnect the vehicle's battery before starting any electrical work to prevent short circuits.

5.2 Installation Steps

1. **Remove Existing Speakers:** Carefully remove door panels or speaker grilles to access the factory speakers. Disconnect the wiring and unmount the old speakers.

2. **Prepare Wiring:** Connect the new speaker wires to the vehicle's existing speaker wiring. Ensure correct polarity (positive to positive, negative to negative). Use crimp connectors or solder for secure connections.
3. **Mount New Speakers:** Place the Skar Audio RPX65 speakers into the designated openings. Secure them using screws. If new mounting holes are required, drill pilot holes carefully to avoid damaging vehicle components.
4. **Test Functionality:** Before reassembling, reconnect the vehicle battery and test the speakers with your car's audio system to ensure they are working correctly and sound is balanced.
5. **Reassemble:** Once confirmed, reattach speaker grilles and door panels.



Image: Side view of the Skar Audio RPX65 speaker, highlighting its profile and wiring terminals.



Image: Rear view of the Skar Audio RPX65 speaker, showing the magnet and product label.

6. OPERATING INSTRUCTIONS

Once installed, the Skar Audio RPX65 speakers operate as part of your vehicle's audio system. No special operating procedures are required beyond the normal use of your car's head unit or amplifier.

- **Audio Source:** Play audio from your preferred source (radio, CD, Bluetooth, USB) through your car's head unit.
- **Volume Control:** Adjust the volume using your head unit's controls. Avoid excessively high volumes for prolonged periods to prevent speaker damage.
- **Tone Control:** Utilize your head unit's equalizer or tone controls (bass, treble, balance, fader) to customize the sound to your preference.



Image: Front view of the Skar Audio RPX65 speaker, displaying the cone and integrated tweeter.



Image: Skar Audio RPX65 speaker with its protective grille in place.

7. MAINTENANCE

The Skar Audio RPX65 speakers are designed for durability and require minimal maintenance.

- **Cleaning:** Periodically wipe the speaker grilles and surrounding areas with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Occasionally inspect the speaker cones and surrounds for any signs of damage or wear. Ensure all mounting screws remain tight.
- **Environmental Factors:** Protect speakers from excessive moisture and extreme temperatures, which can affect performance and lifespan.

8. TROUBLESHOOTING

If you encounter issues with your Skar Audio RPX65 speakers, consider the following common troubleshooting steps:

- **No Sound:**

- Check all wiring connections at the speaker and head unit/amplifier for looseness or incorrect polarity.
- Verify that the head unit is powered on and the volume is not muted or set too low.
- Ensure the fader and balance settings on your head unit are correctly adjusted.

- **Distorted Sound:**

- Reduce the volume level. Distortion often occurs when speakers are overdriven.
- Check for damaged speaker cones or surrounds.
- Inspect wiring for frayed strands or short circuits.
- If using an amplifier, ensure its gain settings are not too high.

- **Intermittent Sound:**

- Examine all wiring for loose connections or breaks.
- Check for any obstructions or debris that might be interfering with the speaker's movement.

If these steps do not resolve the issue, contact Skar Audio customer support or a qualified car audio technician.

9. WARRANTY AND SUPPORT

The Skar Audio RPX65 speakers come with a **2-year limited warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or further assistance, please refer to the official Skar Audio website or contact their customer service department. Keep your proof of purchase for warranty validation.

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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