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> [Jensen JW124 12-Inch Subwoofer Instruction Manual](#)

Jensen JW124

Jensen JW124 12-Inch Subwoofer Instruction Manual

Model: JW124

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Jensen JW124 12-inch subwoofer. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.

SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical work.
- Ensure all wiring is properly insulated to prevent short circuits.
- Mount the subwoofer securely to prevent movement during vehicle operation.
- Avoid exposing the subwoofer to excessive moisture or extreme temperatures.
- Consult a professional car audio installer if you are unsure about any installation steps.

PACKAGE CONTENTS

- Jensen JW124 12-inch Subwoofer
- Owner's Manual (this document)

KEY FEATURES

- **12-Inch High Performance Subwoofer:** Designed for deep and profound bass reproduction.
- **Double Stitched Extra Wide Surround:** Enhances heat resistance, internal damping, bass response, and reliability.
- **Low Resonance Basket Design:** Minimizes vibrations for consistent and accurate bass.
- **Steel Stamped Reinforced Structure:** Provides strength and flexibility for linearity and greater movement.
- **Mounting Flexibility:** Compatible with sealed, ported, or bandpass enclosures.
- **Digitally Optimized:** Engineered for efficient, low-sounding bass while generating 1600 Watts Peak

Power (400 Watts RMS) at 4 Ohms.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. Consider professional installation if you are unfamiliar with car audio wiring and enclosure construction.

Enclosure Types

The JW124 subwoofer is versatile and can be installed in various enclosure types:

- **Sealed Enclosures:** Provide tight, accurate bass response, ideal for musicality.
- **Ported Enclosures:** Offer louder, more extended bass, suitable for higher output.
- **Bandpass Enclosures:** Deliver very high output within a narrow frequency range.

Consult your enclosure manufacturer's recommendations or car audio resources for specific enclosure volume and port tuning guidelines.

Wiring

The JW124 features a 4 Ohm impedance. Ensure your amplifier is stable at 4 Ohms or the impedance resulting from multiple subwoofers wired in series or parallel. Always use appropriate gauge wiring for power, ground, and speaker connections to prevent power loss and ensure safety.



Image: Front view of the Jensen JW124 12-inch subwoofer, showcasing its black woofer cone and blue foam surround.



Image: Rear view of the Jensen JW124 subwoofer, displaying the magnet assembly, model number, impedance (4 Ohm), and power rating (1600 Watts Peak).

OPERATING INSTRUCTIONS

Once installed, connect the subwoofer to a suitable amplifier. Adjust the amplifier's gain, crossover, and phase settings according to your system's requirements and personal preference. Start with low gain settings and gradually increase to avoid distortion and potential damage to the subwoofer or amplifier.

- **Gain Setting:** Match the amplifier's input sensitivity to the output voltage of your head unit.
- **Low-Pass Filter (LPF):** Set the LPF on your amplifier or head unit to filter out frequencies above the subwoofer's optimal range (typically 80-120 Hz).
- **Phase Control:** Adjust the phase (0° or 180°) to ensure the subwoofer's output is in sync with your main speakers, preventing cancellation.

MAINTENANCE

- Keep the subwoofer cone free from dust and debris. Use a soft, dry cloth for cleaning.
- Periodically check all wiring connections for tightness and corrosion.
- Avoid exposing the subwoofer to direct sunlight for extended periods, as this can degrade materials.

- Do not apply excessive power beyond the subwoofer's rated limits to prevent damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound	No power to amplifier; loose wiring; amplifier in protect mode; incorrect input signal.	Check power and ground connections; verify remote turn-on wire; inspect speaker wires; check amplifier fuses; ensure head unit is sending signal.
Distorted Sound	Gain set too high; incorrect crossover settings; damaged subwoofer.	Reduce amplifier gain; adjust LPF; inspect subwoofer for physical damage.
Weak Bass	Incorrect phase setting; insufficient power; improper enclosure.	Adjust phase control; ensure adequate power supply to amplifier; verify enclosure volume and type.

SPECIFICATIONS

Feature	Specification
Model Name	JW124 12" Subwoofer
Speaker Type	Subwoofer
Speaker Size	12 Inches
Peak Power Output	1600 Watts
RMS Power Output	400 Watts
Impedance	4 Ohms
Connectivity Technology	Wired
Mounting Type	Enclosure
Material (Cone)	Polypropylene
Color	Black and Blue
Product Dimensions	1"D x 1"W x 1"H
Item Weight	10 Pounds
UPC	827204122051

Note: The listed product dimensions (1"D x 1"W x 1"H) appear to be placeholders and may not reflect the actual physical size of a 12-inch subwoofer. Product specifications are subject to change without notice.

WARRANTY AND SUPPORT

The Jensen JW124 subwoofer comes with a **3-year standard warranty**. An extended **5-year warranty** is

available upon online registration at jensenmobile.com.

For technical support, service, or warranty inquiries, please visit the official Jensen website or contact their customer service department.