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› [Kenwood Excelon P-XRW1202WB 12" Oversized Subwoofer Instruction Manual](#)

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INTRODUCTION

The Kenwood Excelon P-XRW1202WB is a 12-inch oversized subwoofer housed in a durable, sealed wedge-style enclosure. Designed to deliver rich, full bass, this unit is ideal for enhancing your vehicle's audio system. Its compact design allows for flexible placement in various vehicle types.

KEY FEATURES

- **Oversized Cone Design:** Provides quick response and stable, powerful bass true to the original recording.
- **Ribbed Polypropylene Cone with Rubber Surround:** Ensures maximum bass response and durability.
- **Durable Enclosure:** Constructed from 3/4" MDF with black carpeting for a rock-solid, accurate low-frequency reproduction.
- **Wedge-Style Design:** Aims the subwoofer upwards at an angle for optimal sound projection and fits in tight spaces.
- **Enhanced Durability:** Features a "Stress-free Spider" and "Thermal Efficient System" for improved mechanical and thermal reliability.
- **High Power Handling:** Capable of handling 400 watts RMS (2000 watts peak) for powerful audio performance.

WHAT'S IN THE BOX

- Loaded single 12" subwoofer enclosure (P-XRW1202WB)

PRODUCT OVERVIEW



Front view of the Kenwood Excelon P-XRW1202WB 12-inch oversized subwoofer in its sealed wedge enclosure.



Angled view of the subwoofer, highlighting the Excelon branding on the side of the enclosure.



Image showing the dimensions of the Kenwood Excelon P-XRW1202WB subwoofer enclosure: 20"W x 14"H x 14"D.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. It is recommended to have this unit installed

by a qualified professional.

Connections Panel



Rear view of the Kenwood Excelon P-XRW1202WB subwoofer showing the amplifier control panel and connections.

- **Power Connections (+12V, REM, GND):**

- **+12V (Power):** Connect to the positive terminal of your vehicle's battery. Ensure an appropriate fuse is installed close to the battery.
- **REM (Remote Turn-On):** Connect to the remote turn-on lead from your head unit or an accessory/ignition switch. This signal turns the subwoofer amplifier on and off.
- **GND (Ground):** Connect to a clean, unpainted metal surface of your vehicle's chassis. Ensure a solid, low-resistance connection.

- **Audio Input:**

- **Low Input (RCA):** For connecting to RCA pre-out jacks from your head unit. Use high-quality RCA cables to minimize noise.
- **High Input:** For connecting to speaker-level outputs from your head unit if RCA pre-outs are not available. The subwoofer features push terminals that accept 8-gauge speaker wire.

OPERATING INSTRUCTIONS

- **Gain Control (MIN/MAX):** Adjust this knob to match the output level of your head unit. Start with the gain at minimum and slowly increase it until you achieve a balanced sound without distortion.
- **Low Pass Filter (LPF):** This control allows you to set the upper frequency limit for the subwoofer,

ranging from 40Hz to 250Hz. Frequencies above the set point will be filtered out, ensuring only low bass notes are reproduced by the subwoofer. Adjust this to blend seamlessly with your main speakers.

MAINTENANCE

Regular maintenance ensures the longevity and performance of your subwoofer. Keep the enclosure clean by wiping it with a dry, soft cloth. Avoid using harsh chemicals or abrasive cleaners. Ensure all connections remain secure and free from corrosion. Periodically check the subwoofer for any signs of damage or wear.

TROUBLESHOOTING

If you experience issues with your subwoofer, check the following:

- **No Sound:** Verify all power and ground connections are secure. Check the remote turn-on lead. Ensure the head unit is on and sending an audio signal. Adjust the gain control.
- **Distorted Sound:** Reduce the gain control. Check the input signal level from the head unit. Ensure the LPF is set appropriately.
- **Subwoofer Not Turning On:** Check the fuse. Verify the remote turn-on lead is receiving a +12V signal when the head unit is on.

SPECIFICATIONS

Feature	Specification
Model Name	P-XRW1202WB
Subwoofer Diameter	12 Inches
Power Handling (RMS)	400 Watts
Power Handling (Peak)	2000 Watts
Impedance	2-ohm
Frequency Response	33-300 Hz
Enclosure Material	3/4" MDF
Product Dimensions (D x W x H)	14"D x 14"W x 20"H
Item Weight	20 Pounds
Subwoofer Connectivity	Wired

WARRANTY

This Kenwood Excelon P-XRW1202WB subwoofer comes with a Limited Warranty. Please refer to the warranty information included with your product for specific terms and conditions.

SUPPORT

For further assistance, technical support, or warranty inquiries, please contact Kenwood customer service or visit the official Kenwood website.