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› Pyramid PW1248USX 12-Inch 8 Ohm Subwoofer User Manual

## Pyramid PW1248USX

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## 1. INTRODUCTION

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Thank you for choosing the Pyramid PW1248USX 12-Inch 8 Ohm Subwoofer. This manual provides essential information for the proper installation, operation, and maintenance of your subwoofer. The PW1248USX features a black strong non-pressed paper cone, non-fatiguing rubber suspension, a stamped steel basket, and a bumped & vented motor structure. It is equipped with a 2-inch high-temperature Kapton voice coil and an 8 Ohm impedance, designed for 300 Watts RMS and 500 Watts Peak power handling.

## 2. PRODUCT FEATURES

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- **Model:** PW1248USX
- **Speaker Type:** 12-Inch Subwoofer
- **Cone Material:** Black Strong Non-Pressed Paper Cone
- **Surround:** Non-Fatiguing Rubber Suspension
- **Basket:** Stamped Steel Basket
- **Motor Structure:** Bumped & Vented
- **Voice Coil:** 2-Inch High Temperature Kapton
- **Impedance:** 8 Ohms
- **Power Handling:** 300 Watts RMS / 500 Watts Peak
- **SPL @ 1W/1M:** 89dB
- **Magnet Weight:** 60 oz.
- **Overall Diameter:** 12.28-Inch
- **Mounting Depth:** 5-Inch

## 3. SAFETY INFORMATION

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Always ensure proper handling and installation to prevent damage to the subwoofer or other components. Disconnect power before making any connections. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Please handle with care and wash hands after handling.

## **4. INSTALLATION & SETUP**

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### **4.1 Unpacking**

Carefully remove the subwoofer from its packaging. Inspect for any signs of damage during transit. Retain all packaging materials for future use or return if necessary.

### **4.2 Mounting**

The Pyramid PW1248USX is a 12-inch subwoofer designed for car audio or home theater applications. Ensure the mounting location provides adequate space and structural integrity to support the subwoofer's weight and accommodate its dimensions. The overall diameter is 12.28 inches, and the mounting depth is 5 inches. Proper enclosure design is crucial for optimal performance.





Front view of the Pyramid PW1248USX subwoofer, showcasing its black non-pressed paper cone and rubber suspension. This is the primary listening surface of the subwoofer.

## 6. MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to wipe down the subwoofer cone and frame. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check the speaker terminals for secure connections and inspect the rubber surround for any signs of wear or damage.
- **Environment:** Ensure the subwoofer is installed in a dry environment, away from direct sunlight and extreme temperatures.

## 7. TROUBLESHOOTING

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- **No Sound:** Check all wiring connections, ensuring they are secure and correctly polarized. Verify the amplifier is powered on and functioning correctly.
- **Distorted Sound:** Reduce the volume level. Check amplifier gain and crossover settings. Ensure the subwoofer is not overdriven.
- **Weak Bass:** Verify phase settings. Check enclosure integrity and ensure it is sealed properly if designed as a sealed enclosure.

## 8. SPECIFICATIONS

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Feature	Specification
Brand	Pyramid
Model Number	PW1248USX
Speaker Type	Subwoofer
Subwoofer Diameter	12 Inches
Woofer Diameter	12 Inches
Impedance	8 Ohms
Speaker Maximum Output Power	500 Watts (Peak)
RMS Power Handling	300 Watts
SPL @ 1W/1M	89dB
Magnet Weight	60 oz.
Mounting Depth	5 Inches
Overall Diameter	12.28 Inches
Item Dimensions (D x W x H)	12.52"D x 12.8"W x 6.06"H
Item Weight	7 Pounds
Color	Black
Country Of Origin	China

## 9. WARRANTY & SUPPORT

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For warranty information and customer support, please refer to the documentation included with your purchase or visit the official Pyramid website. Keep your proof of purchase for any warranty claims.