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Proficient AW830

PROFICIENT AUDIO SYSTEMS AW830-WHITE 8" Indoor/Outdoor Speakers User Manual

Model: AW830-WHITE

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1. INTRODUCTION

Thank you for choosing Proficient Audio Systems AW830-WHITE 8" Indoor/Outdoor Speakers. These speakers are designed to deliver high-quality audio performance in various environments, both indoors and outdoors. This manual provides essential information for proper installation, operation, and maintenance of your speakers.

2. SAFETY INFORMATION

Please read all instructions carefully before installation and use. Retain this manual for future reference.

- **Warning:** To prevent fire or shock hazards, do not expose this appliance to rain or moisture.
- **Caution:** Do not open the speaker enclosure. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Ensure proper wiring and connections to avoid electrical hazards.
- Do not mount speakers in locations where they may fall and cause injury or damage.
- Avoid placing speakers near heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and in good condition:

- Two (2) Proficient AW830-WHITE 8" Indoor/Outdoor Speakers
- Mounting Brackets (pre-attached or included separately)
- Instruction Manual (this document)

4. SETUP & INSTALLATION

The Proficient AW830-WHITE speakers are designed for versatile installation, suitable for both indoor and outdoor environments.

4.1. Mounting

These speakers include a swivel bracket, allowing for horizontal or vertical mounting. The bracket enables adjustment of the speaker's direction for optimal sound dispersion.

- Ensure the mounting surface is structurally sound and can support the weight of the speakers (approximately 35.6 pounds per pair).
- Use appropriate hardware for the chosen mounting surface (e.g., wood screws for studs, masonry anchors for brick/concrete).
- For outdoor installations, position speakers under eaves or overhangs where possible to provide additional protection from direct exposure to extreme weather, although the speakers are weather-resistant.
- Securely attach the mounting bracket to the desired location, then attach the speaker to the bracket. Adjust the angle as needed and tighten all fasteners.

4.2. Wiring

Proper wiring is crucial for optimal performance and safety.

- Connect the speaker wires from your amplifier to the speaker terminals. Observe correct polarity (positive to positive and negative to negative) for optimal sound performance. Incorrect polarity can result in poor bass response and imaging.
- Use appropriate gauge speaker wire for the length of the run to minimize signal loss. Consult your amplifier's manual for recommended wire gauges.
- The speakers have an impedance of 4 ohms. Ensure your amplifier is compatible with a 4-ohm load. Connecting speakers with an impedance lower than your amplifier's minimum rating can cause damage to the amplifier.





This image displays the front view of the Proficient AW830-WHITE speaker. It features an 8-inch woofer at the bottom, a 3-inch midrange driver in the middle, and a 1-inch pivoting soft dome tweeter at the top. The speaker enclosure is white with a light gray grille, secured by screws at the corners.

5. OPERATING INSTRUCTIONS

Follow these steps for basic operation of your Proficient AW830-WHITE speakers:

- Once properly installed and wired, connect your amplifier or receiver to a power source and turn it on.

- Select the appropriate audio input source on your amplifier.
- Adjust the volume on your amplifier to a comfortable listening level. Avoid excessively high volumes to prevent speaker damage and hearing loss.
- These speakers are designed for a maximum output power of 175 watts. Do not exceed this power rating to prevent damage.
- The pivoting tweeter allows for directional adjustment of high frequencies. Gently pivot the tweeter to optimize sound in your listening area, aiming it towards the primary listening position.

6. MAINTENANCE

The AW830-WHITE speakers feature weather-resistant ABS housing and powder-coated aluminum grilles, making them suitable for outdoor use with minimal maintenance.

- **Cleaning:** Wipe the speaker enclosures and grilles with a soft, damp cloth. Do not use harsh chemicals, solvents, or abrasive cleaners, as these can damage the finish or components.
- **Outdoor Care:** Periodically inspect outdoor installations for secure mounting and any signs of wear on wiring. While weather-resistant, prolonged exposure to extreme conditions (e.g., direct sunlight, heavy snow, standing water) can affect longevity. Consider covering speakers during extended periods of non-use in harsh weather conditions.
- Ensure drainage holes (if present) are clear of debris to prevent water accumulation.

7. TROUBLESHOOTING

If you experience issues with your speakers, refer to the following common problems and solutions:

7.1. No Sound

- Check all speaker wire connections at both the speaker and amplifier ends. Ensure correct polarity (+ to + and - to -).
- Verify the amplifier is powered on and the correct input source is selected.
- Test with another audio source or speaker if available to isolate the problem to either the speaker or the audio system.
- Ensure the amplifier's volume is not set to minimum or muted.

7.2. Distorted Sound

- Reduce the volume level on your amplifier. Overdriving the speakers can cause distortion.
- Check speaker wire connections for loose strands or short circuits. Ensure no bare wires are touching each other or the speaker frame.
- Ensure the amplifier's impedance rating is compatible with the speakers (4 ohms).
- Inspect speaker cones for any visible damage or obstructions.
- If using an equalizer or tone controls, try setting them to flat or neutral positions.

8. SPECIFICATIONS

Model	AW830-WHITE
Speaker Type	8" Indoor/Outdoor Speaker
Components	8" Polypropylene Woofer, 3" Graphite Midrange, 1" Pivoting Soft Dome Tweeter

Frequency Response	35Hz - 20kHz
Impedance	4 Ohm
Power Handling	175 Watts (Maximum)
Dimensions (H x W x D)	15.75" x 8.75" x 8.75"
Weight	35.6 Pounds (per pair)
Material	ABS Housing, Powder-coated Aluminum Grille
Special Features	Weather-resistant, Bass Boost, Water-resistant
Connectivity	Wired
Unit Count	2 Speakers
UPC	664254005985

9. WARRANTY

Proficient Audio Systems offers a limited warranty on the AW830-WHITE speakers. Specific terms and duration of the warranty may vary by region and retailer. Please retain your proof of purchase for warranty claims.

For detailed warranty information, please refer to the warranty card included with your product or visit the official Proficient Audio Systems website. This limited warranty typically covers defects in materials and workmanship under normal use.

10. SUPPORT

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact Proficient Audio Systems customer support.

- Visit the official Proficient Audio Systems website for contact information and additional resources.
- When contacting support, please have your model number (AW830-WHITE) and proof of purchase readily available to expedite assistance.

