



**PURERESONANCEAUDIO<sup>®</sup>**

**S6 6.5" OUTDOOR SURFACE MOUNT SPEAKER**

# **INSTALLATION AND OPERATION MANUAL**



Caution: Please read this manual carefully before operating.  
Damage caused by misuse is not covered by the warranty.

# INTRODUCTION

## DESCRIPTION

The Pure Resonance Audio S6 2-way 70V surface mount outdoor speaker is designed to provide high-end robust audio performance for indoor and outdoor commercial installations. The durable UV and weather-resistant enclosure makes this speaker an ideal solution for challenging environments. The S6 includes a 6.5" woofer and 1" tweeter that delivers premium full-range frequency response with a built-in 70V/100V transformer and 8 ohm bypass. This 70-volt outdoor speaker is perfect for background and foreground level music, paging, and general-purpose audio in restaurants, bars, retail stores, hotels, hospitality venues, schools, conference centers or anywhere in need of high-fidelity outdoor sound.

## FEATURES

- Extremely weather-resistant construction for demanding outdoor conditions
- Line input 70 Volt/100 Volt selectable tap transformer with 8 Ohm bypass
- 92 dB sensitivity provides high output sound
- 6.5" woofer and 1" tweeter
- Water-resistant IP65 rated
- ABS enclosure with UV protection and metal grille
- 180-degree surface mounting bracket included for precise installation
- Phoenix Euroblock 4-pin screw terminal connector

## SPECIFICATIONS


RMS Power Rating	60 Watts
Frequency Response	80Hz-16kHz
SPL (@ 1W/1M)	92±3dB
Impedance	8 Ohms
Transformer	3.75W, 7.5W, 15W, 30W, 60W @ 70V 7.5W, 15W, 30W, 60W @ 100V 60W @ 8Ω
Woofer	6.5" Polypropylene
Tweeter	1" Silk membrane
Protection	Water-resistant IP65
Material	ABS enclosure, UV protection and metal grill
Mount	180-degree surface mount bracket
Dimensions (H x W x D)	12.6" (320 mm) x 7.5" (190 mm) x 7.9" (201 mm)
Weight	7.9 lbs (3.6 kg)


# SAFETY PRECAUTIONS

- Be sure to read the instructions in this section carefully before use. The included conventions of safety symbols and messages are regarded as very important precautions.
- We recommend you keep this instruction manual handy for future reference.

## SAFETY SYMBOL AND MESSAGE CONVENTIONS

Safety symbols and messages described below are used in this manual to prevent bodily injury and property damage that could result from mishandling. Before operating this product, read this manual first and understand the safety symbols and messages so you are thoroughly aware of the potential safety risks.

 **WARNING!** Indicates a potentially hazardous situation which, if mishandled, could result in death or serious personal injury.

 **CAUTION!** Indicates a potentially hazardous situation which, if mishandled, could result in moderate or minor personal injury, and/or property damage.

## **WARNING!**

### IMPORTANT SAFETY INSTRUCTIONS

**\*\*\*THIS PRODUCT MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. THE PROVIDED INSTALLATION HARDWARE MUST BE USED TO INSTALL THIS PRODUCT.\*\*\***

Pro Acoustics is not responsible for the structural integrity of the installation. Please make sure a qualified technician installs this product and the building's engineer or architect has approved the equipment and installation.

1. DO NOT block any ventilation openings. Install following all safety standards and regulations.
2. DO NOT install near any heat source such as stoves, radiators, heat registers, amplifiers, or any other apparatus producing heat.
3. USE hardware and accessories as indicated by the manufacturer.
4. REFER all servicing to qualified service personnel. Servicing is required when the speaker has been damaged in any way, does not operate normally, or has been dropped.

\*No user-serviceable parts inside. Refer all servicing to qualified service personnel.

\*WARNING: To prevent injury, this apparatus must be securely attached in accordance with the installation instructions. No naked flame sources – such as candles – should be placed close to the product.

\*CAUTION: Changes or modifications not expressly approved by the manufacturer could void the user's warranty.

## **CAUTION!**

1. When the speakers are installed on the walls, ensure the wall structure is reliable and that the speakers are firmly attached.
2. Install the speaker in a location that can structurally support the weight of the speaker and its mounting hardware. Otherwise, it may result in the unit falling and causing personal injury.

# SERVICE

Ensure the problem is not related to operator error, or system devices that are external to this unit. Information provided in the troubleshooting portion of this manual may help with this process. Once it is certain that the problem is related to the product contact your warranty provider as described in the warranty section of this manual.

## LIMITED WARRANTY

PRO ACOUSTICS, LLC. ("PRO ACOUSTICS") warrants this product to the original purchaser to be free from defects in materials and workmanship (subject to the terms set forth below), for the following periods from the date of purchase.

### THIS WARRANTY COVERS THE LISTED PRODUCTS AGAINST DEFECTS IN MATERIALS OR WORKMANSHIP FOR THE FOLLOWING PERIOD

#### Warranty Terms

Speakers	2 Years
Amplifiers & Electronics	1 Year
Microphones	1 Year
Accessories	1 Year

PRO ACOUSTICS will repair or replace (at PRO ACOUSTICS's option) this product or any defective parts (excluding electronics and amplifiers) in this product.

Your authorized PRO ACOUSTICS dealer will inspect the product and, if your dealer is not equipped to perform the repair of your PRO ACOUSTICS product, they will replace your product or return it to PRO ACOUSTICS for repair, at their discretion. Proof of purchase in the form of a bill of sale or receipted invoice, which is evidence that this product is within the warranty period, must be presented to obtain warranty service.

This warranty is invalid if the factory applied serial number has been altered or removed from this product. This warranty is invalid if this product was not purchased from a PRO ACOUSTICS authorized dealer. Cosmetic damage or damage due to the accident, acts of God, misuse, abuse, negligence, commercial use, or modification of, or to any part of, the product are not covered in this warranty. This warranty does not cover damage due to improper operation, maintenance or installation, or attempted repair by anyone other than PRO ACOUSTICS or a PRO ACOUSTICS dealer which is authorized to do PRO ACOUSTICS warranty work. Any unauthorized repairs will void this warranty.

This warranty does not cover products sold as is.

REPAIRS OR REPLACEMENTS AS PROVIDED UNDER THIS WARRANTY ARE THE EXCLUSIVE REMEDY OF THE CONSUMER/PURCHASER. PRO ACOUSTICS U.S.A. SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY LAW, THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS AND IMPLIED WARRANTIES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PRACTICAL PURPOSE.

This warranty gives you specific legal rights. You may have other rights which vary from state to state.

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