

GAUSS 7



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IMPORTANT SAFETY INSTRUCTIONS

Exposure to extremely high noise levels may cause permanent hearing loss. Individuals vary considerable in susceptibility to noise-induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a period of time. The U.S. Government's Occupational Safety and Health Administration (OSHA) have specified the permissible noise level exposures shown in the following chart.

According to OSHA, any exposure in excess of these permissible limits could result in some hearing loss. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels use hearing protectors while the equipment is in operation. Ear plugs or protectors in the ear canals or over the ears must be worn when operating the equipment in order to prevent permanent hearing loss if exposure is in excess of the limits set forth here.

Duration, per day in hours	Sound Level dBA, slow response	Typical example
8	90	Duo in small club
6	92	
4	95	Subway train
3	97	
2	100	Very loud classical music
1.5	102	
1	105	That couple screaming at each other
0.5	110	
<0.25	115	Loudest parts at a rock concert



The Avantone Gauss 7 Monitors comply with all applicable / RoHS / WEEE European Union directives.

Do not attempt to service this unit yourself, as it will void your warranty. Please check your unit carefully upon receipt and return to place of purchase immediately if there are any problems with the product. After that, the standard AVANTONE 5 YEAR warranty will apply to defects in materials and workmanship.

U.S.A.

Should your AVANTONE product require service, please contact the AVANTONE PRO Service Department. +1 845 642 3697-or- e-mail info@avantonepro.com. **You must obtain an RA # (Return Authorization number) from us before shipping a unit back to us. This RA # must be clearly written on the outside of the box.**

Please safely pack the units...It is best to use the original packing materials. AVANTONE PRO cannot be responsible for any damages incurred in shipping to us due to poor packaging. PLEASE PACK CAREFULLY and FULLY INSURE THE SHIPMENT.

INTERNATIONAL

For service or warranty assistance, please contact the AVANTONE PRO distributor in your country through the dealer from whom you purchased this product.

LIMITED 5 YEAR WARRANTY

AVANTONE GAUSS 7's are warranted by Avantone Pro to be free from defects in materials and workmanship for the period of 5 YEARS to the original purchaser. In the event of such defects, the Avantone Pro product will be repaired without charge or, at our option, replaced with a new one if delivered to Avantone Pro prepaid, together with a copy of the sales slip or other proof of purchase date. The warranty excludes problems due to normal wear, abuse, shipping damage or failure to use the product in accordance with the specifications.

All speaker systems are vulnerable to damage from sustained amplifier clipping. This can be described as a distortion of the signal caused by the amplifier running out of headroom. Heat will then be generated in the voice coil of the driver beyond the heat handling capabilities of wire and glue. At some point the voice coil will burn, causing the speaker to sound very distorted; eventually the driver will stop working.

All parts and labor are covered under this Limited Warranty. However, if it is determined by AVANTONE PRO that the voice coil was burned due to sustained amplifier clipping, we reserve the right to charge the customer for the cost of the repair, since this is considered abuse.

Avantone Pro shall not be liable for damages based upon inconvenience, loss of use of the product, loss of time, interrupted operation or commercial loss or any other damages, whether incidental, consequential, or otherwise. This warranty gives you specific legal rights, and you may have other rights, which will vary from state to state.

This warranty is not transferable.



INTRODUCTION

Classics never die — Avantone is proud to bring Gauss back to the world with the Gauss 7 reference monitor.

Decades after the disappearance of the Gauss Speaker Company, the line has returned with a proper (low-end) bang. Gauss 7 mixes the old-school snap of vintage near-field monitors, with the bandwidth and frequency response of new-school monitors.

We at Avantone can't wait for you to hear the Gauss 7, and we're certain you'll be blown away.

REAR PANEL CONNECTIONS

- Balanced XLR Input:** This input accepts a BALANCED male XLR plug.
- Balanced TRS Input:** This input accepts a balanced TRS 1/4" male plug.
- Gain:** This variable control adjusts the sensitivity of the signal that appears at the input.

NOTE: When the signal appearing at the input is too hot, the amplifier can overload causing distortion and possible damage to the speaker. If overload occurs, decrease the input level by turning the knob counter-clockwise a few clicks.

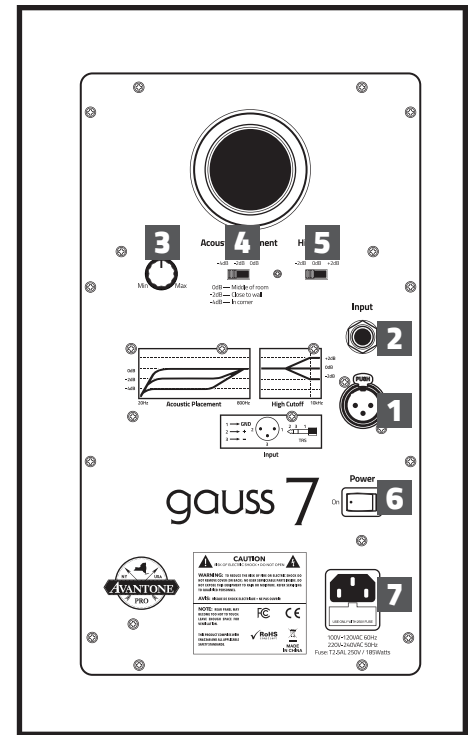
- Acoustic Placement:** This switch cuts bass frequencies down by either -4dB or -2dB to correct for boundary bass issues when the monitor has been placed near a wall or corner.

-4dB - In corner: If your monitors are setup in the corner of a room, then make sure you are on this setting.

-2dB - Close to wall: If your speakers are between 2-4 feet from a wall, then make sure you are on this setting.

0dB - Middle of room: If your monitors are setup almost perfectly in the middle of a room (or well beyond any walls if in a large space), then make sure you are on this setting.

- High Trim:** This switch cuts or boosts high frequencies by ±2dB.
- Power Switch:** This switch engages power for the unit.
- AC Input:** The AC inlet accepts standard IEC320 C14 cables. The integrated fuse tray should have the correct fuse value installed as indicated on the rear panel for the AC voltage being applied.



QUICK START GUIDE

- Connect the output of your source to the input of the Gauss 7.
- Turn Gain down all the way.
- While playing audio from the source, adjust the Gain on each Gauss 7 accordingly.

NOTE: Using a decibel meter (or an app on your mobile device) can help with calibration between each Gauss 7, or multiple sets of monitors!

SPECIFICATIONS

- **System Type:** Active Full-Range Two-Way Stereo Pair
- **Frequency Response:** 30Hz-22,000Hz
- **Cabinet:** Bass Reflex design, hybrid medium-density fiberboard with real wood veneer
- **LF Driver:** 7" (178mm) Ferrite Motor GAU-7MLF
- **HF Driver:** 2.5" (65mm) GAU-AMT
- **LF Amplifier Power:** 120 W
- **HF Amplifier Power:** 60 W
- **Amplifier Type:** Bi-Amped Class D
- **SPL:** 103dB (Peak)
- **THD:** 0.5%
- **Controls:** Gain (variable) / Acoustic Placement (-4dB, -2dB, 0dB) / High Trim (-2dB, 0dB, +2dB)
- **Inputs:** Balanced TRS / XLR
- **Power:** 110V-240V -50/60Hz
- **Power Consumption:** StandBy: <0.5 W / Full Output: 250 W
- **Dimensions:** 381mm H x 235mm W x 212mm D (15" H x 9.25" W x 8.35" D)
- **Weight:** 8.2Kg / 18 Lbs (Each)