

Ambrose A30 Tube Mono Block Amplifiers Owner's Manual



Manufactured by ModWright Instruments, Inc.
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PLEASE READ FIRST:

General amplifier operation:

- **Safe Operation:**
 - Before turning the amplifiers on, be sure that speaker cables are connected to the amp and to the speakers. The output transformers expect a load (speaker). **If the amps are turned on without a load, the amps could be damaged.**

- **Startup:**
 - To power unit up, simply depress the black button on the front top face of the amp. When you do this, the unit will turn on and the MWI logo in the face will light up with an incandescent glow and the tubes will warm and light up also.

 - If unit does not power up at this point, check to be sure that power plug is firmly seated and power cord is connected to mains voltage indicated on back panel of amplifier. US/Canada 120V, HK 220V, Europe and other countries 220V-240V.

 - If the unit still does not power up, check the fuse on the rear of the amp. It is rated for 4A slow-blow (120V), 2A slow-blow (240V).

- **Fuses:**
 - *There is one fuse per amp, installed in an external, serviceable fuse block. We do not recommend changing the stock fuse or stock fuse value. Doing so will void the factory warranty.*

General Operation:

Note: It is always recommended that you power the amplifier on last, when powering up your audio system. When powering your audio system down, it is always recommended to power the amplifier off first.

- **Operation:**
 - Connect the Left RCA cable from the preamp to the amplifier serving the Left speaker and the Right RCA cable from preamp to the amplifier serving the Right speaker.
 - Connect (+) and (-) Left and (+) and (-) Right speaker cables from binding posts on back of Left and Right amplifiers to Left and Right speakers.

- **Tube Bias:**
 - Tube bias is fixed and requires no adjustment. When replacing power tubes, tubes should be replaced as a matched septet (6), or in matched sets of three per amp.

Specifications:

Power Ratings:

- 32W @ 6 ohms (Stereo) @ .1% THD.

Technical Specification:

- Bandwidth: 20Hz - 20Khz
- Gain: 22dB
- Input Impedance: 100K

Weight and Dimensions:

- Dimensions: 9"W x 17"D x 10"H
- Shipped Weight: 55lb (47lb net weight)

Tube Complement:

- Input: (1)12AT7 tube per mono block amplifier.
- Power: (3) EL34 tubes (matched set) per mono block amplifier.

Care and Cleaning:

Wood Finish:

- The Wood portion of the enclosure is hand crafted, oiled and polished to the highest standard. Absolutely no detergent, cleaner or wax should be used to clean the wood surface. Only use pure lemon oil, such as Formby's, applied in small amounts with a soft cloth. For regular cleaning, simple buffing of the wood finish with a dry soft cloth will suffice.

Caution: Avoid contact of lemon oil with metal.

Transformer Cover Painted Metal Finish:

- A high quality, prismatic powder coat finish is used to 'paint' the transformer covers. The finish scratches easily and as a result, we polish it prior to shipping with a protecting coating of wax. To clean, simply wipe gently with a clean, soft cloth. You may also apply 'Nu Finish' to further protect the finish. This is what is used at the factory prior to shipping.

Anodized Aluminum Top and Bottom Plate Finish:

- These surfaces are bead blasted, anodized billet aluminum. To clean, simply wipe with a cloth, damp with a cleaner such as Windex. Take care to only clean the Aluminum finish this way. Do no spray cleaner directly on the aluminum.

Thank you for purchasing a ModWright Ambrose amplifier. Each piece is handcrafted in the U.S.A. with heirloom quality materials and craftsmanship.

WARRANTY:

ModWright agrees to warranty product for a period of 5 years from date of purchase from a factory authorized ModWright Instruments Dealer.

Warranty covers parts and labor for repairs due to equipment failure not related to customer abuse and/or neglect. Customer is responsible for shipping costs to and from ModWright Instruments or authorized service center.

There are no user-serviceable parts inside the amplifier and evidence that someone other than a ModWright Instruments Factory Authorized service professional has opened the product enclosure or in any way tampered with the internal workings of the unit, including replacement of stock fuses, will void factory warranty.

Warranty is non-transferable to second party.

Contact Information:

If you have any questions about ModWright Instruments products or ModWright modifications or products, please do not hesitate to contact us via phone, e-mail or conventional mail.

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Thank you for purchasing a ModWright Instruments product.



Dan Wright,
President, Owner
ModWright Instruments, Inc.