

CLASSÉ AUDIO
DR-10
POWER AMPLIFIER

DR-10
OWNER'S MANUAL

DR-10

OWNER'S MAUNAL

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UNPACKING & SET-UP

Your DR-10 power amplifier is packed in high density, semi-rigid foam placed in a special cardboard box. To remove the unit, open and spread all the top flaps of the box and by its sides, lift out the entire unit and put it on a large flat surface. Remove the plastic wrap and inspect the unit for any concealed damage. Apart from this owner's manual, please ensure the following has also been included:

- 1) Detachable linecord
- 2) Allen key for top plate

Please report any damage or missing parts to your dealer as soon as possible.

Check the Serial Number sticker on the back of the unit for the correct operating voltage. The DR-10 has only one fuse, the rating of which should be as follows:

<u>LINE VOLTAGE</u>	<u>FUSE RATING</u>
100 or 120 V.A.C.	5 AMP SLOW BLOW 125 or 250 volts
220 or 240 V.A.C.	3 AMP SLOW BLOW 250 volts

Place the DR-10 at or near its final set-up position, allowing 8 inches at the rear for tightening the speaker output connectors. For optimum sonic performance, we recommend the optional CLASSE REFERENCE A.C. LINECORD, and the use of spiked feet under the unit. Consult your dealer regarding this accessory. If spikes are used, it is suggested that they be placed under the unit after all connections have been made, in order to avoid slippage of the unit.

The power transformer in the DR-10 is located at the front-center of the unit. Ideally, a few feet should separate this area from components which potentially could pick up hum. These include preamplifiers, turntables, and interconnect cables. In terms of providing adequate airspace for cooling, a good rule of thumb is to allow 6 inches above and 3 inches on each side of the unit.

GENERAL CONNECTIONS

A.C. LINE

Making sure the power switch is in the off position, insert the linecord into the A.C. receptacle on the rear of the unit.

CAUTION: "FLOATING THE GROUND", OR DEFEATING THE GROUND ON A 3-PRONG LINECORD MAY CREATE A SHOCK HAZARD. CONNECT ALL INTERCONNECT CABLES BETWEEN THE ELECTRONICS BEFORE CONNECTING THE A.C. LINECORDS TO THE WALL OUTLETS. THIS WILL REDUCE THE POTENTIAL SHOCK HAZARD. SEE ALSO THE DR-10 WARRANTY SECTION OF THIS OWNER'S MANUAL.

STEREO

SAFETY TIP: DISCONNECT AC LINE CABLE WHILE MAKING ALL CONNECTIONS.

Input and output connectors are clearly marked on the back of the amplifier. Left/right connections are oriented from the front of the unit. Stereo output connections are marked ABOVE the connectors.

Use only high quality interconnect and loudspeaker cables, and make all connections tight. If the input plugs are loose, remove them and pinch down the ground leaves slightly with pliers. Observe correct phasing of the loudspeaker connections, and tighten. Remove the top of the amplifier and make sure toggle lever on the main PCB circuit board is pointed closest to the stereo position. Replace top. (Units preset at factory for STEREO.)

MONO

Firstly, please read through the previous Stereo section for general notes on securing good connections, and safety tips. If the unit has been previously used in stereo, make sure it is OFF, and remove all connections, including AC line cable. Remove amplifier top and make sure the STEREO/MONO toggle lever located on the main PCB circuit board is pointed closest to the MONO position. Replace top.

The MONO "Input" is the "left channel input", as marked. The unused right channel input is automatically disconnected. The "Output connections" are marked "MONO" BESIDE the connectors. (Do not connect to stereo connectors.)

Repeat the above MONO settings and connections on the second DR-10 to be used for the other channel.

Please remember that the negative output connection of a bridged amplifier is NOT a ground. Do not use a "common ground" or switchbox set-up. Do not use with electronic crossovers which have a common ground.

CONNECTIONS FOR REGULAR OR BALANCED INPUTS

The DR-10 power amplifier is equipped with both regular and balanced inputs. Either one may be used SEPARATELY BUT NOT SIMULTANEOUSLY. The balanced inputs must be connected to a preamplifier which has balanced main outputs, and balanced interconnects with "XLR" connectors are also required. Regardless of the amplifier inputs used, stereo or mono operation is still possible on the DR-10.

REGULAR INPUTS

Remove the amplifier top and make sure the REGULAR/BALANCED toggle lever on the main PCB circuit board is pointed closest to the position marked "REGULAR". Replace top. (The amplifier is factory set for regular use.) Connect the regular interconnects to the RCA input jacks on the rear panels of the DR-10. The balanced connectors are automatically disabled.

BALANCED INPUTS

Remove the amplifier top and make sure the REGULAR/BALANCED toggle lever on the main PCB circuit board is pointed closest to the position marked "BALANCED". Replace top. A balanced preamplifier and balanced interconnects are also required. For use with balanced preamplifiers other than Classe, the wiring of the 3-pin XLR connectors must be matched to that of the DR-10. The DR-10 is wired as follows:

PIN 1: GROUND

PIN 2: POSITIVE (NON-INVERTED) SIGNAL

PIN 3: NEGATIVE (INVERTED) SIGNAL

If the pin configuration on the preamplifier differs from above, the balanced interconnects must be modified to accommodate the different preamp.

Having confirmed the correct connections, plug the XLR connectors of the balanced interconnects into the locking XLR connectors on the rear panel of the DR-10. (To remove the connectors, press the tab above the connector.)

MONO OPERATION

As stated before, regular or balanced inputs can be utilized in stereo or mono. Connect a single interconnect, be it regular or balanced, to the left channel input of each amplifier. See the "Mono" section above for complete details.

DR-10 WARRANTY

Classe Audio Inc. warrants this amplifier to be free from defects in materials and workmanship for a period of FOUR YEARS from date of original owner purchase.

A LIFETIME WARRANTY IS EXTENDED TO THE ORIGINAL OWNER ONLY, SUBJECT TO ALL STATED CONDITIONS. IMPORTANT: WARRANTY REGISTRATION (following section), AND A COPY OF THE "AUTHORIZED DEALER BILL OF SALE", MUST BE RECEIVED AT THE CLASSE FACTORY (address below) WITHIN TWENTY (20) DAYS OF PURCHASE, TO VALIDATE THIS WARRANTY.

In the event of failure of this amplifier, Classe Audio Inc. will repair, recalibrate, or at our discretion, replace the unit in accordance with and providing that all the clauses contained in this warranty are met.

In order to initiate service of any kind, it is necessary to OBTAIN PRIOR FACTORY AUTHORIZATION, AND SHIP THE UNIT PREPAID. For units coming from outside Canada, contact the factory for our forwarding address. Units shipped directly to our Canadian address from outside the country will be stopped at the border, causing extensive delays or return of the unit to the sender.

Any of the following conditions shall void the warranty:

- 1) Operation not in accordance with this manual
- 2) Accident, abuse, tampering, or unauthorized modification, as determined by Classe Audio Inc.
- 3) Removal, defacing, or falsifying the serial number plate.

4) Shipping without the complete factory packaging.

CLASSE AUDIO INC. SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES REGARDING THE SET-UP, OPERATION, FAILURE, TROUBLESHOOTING, OR REPAIR OF THE AMPLIFIER AND/OR ANY OTHER EQUIPMENT USED THEREWITH.

WARRANTY REGISTRATION

You must fill out and return the form below, along with a copy of the authorized dealer bill of sale, to the factory within twenty (20) days of purchase. This will allow us to provide expedient service, information regarding updates and new products, and validate the Classe warranty.

DR-10 SERIAL NUMBER _____ PURCHASE DATE _____

AUTHORIZED DEALER _____

PURCHASER'S NAME _____

STREET ADDRESS _____

CITY _____ STATE/PROV. _____

COUNTRY _____ ZIP/POSTAL CODE _____

I BECAME AWARE OF THIS PRODUCT BY: _____
(DEALER, MAGAZINE, FRIEND, ETC.)

SEND TO: CLASSE AUDIO INC.
Product Registration
9414 Cote de Liesse Road
Lachine, Quebec, Canada
H8T 1A1

DR10 SPECIFICATIONS

FREQUENCY RESPONSE: 20 Hz TO 20 KHz +/- 0.1 dB

SENSITIVITY: 1 VOLT IN FOR RATED OUTPUT

INPUT IMPEDANCE: 70 KOHMS

S/N RATIO: MORE THAN 100 dB

RATED OUTPUT:	STEREO	MONO
8 OHMS	100	400
4 OHMS	200	650

DIMENSIONS: GROSS: 22" x 19 1/2" x 10 1/2"
NET: 19" x 16" x 6 1/2"

WEIGHT: GROSS: 50 lbs
NET: 46 lbs