



McCORMACK

AUDIO CORPORATION OF VIRGINIA

Thank you for purchasing the Micro Power Drive. This power amplifier is one of a series of compact McCormack components designed to deliver the exceptional levels of natural musicality usually found only in much larger, more expensive products.

While repackaging our famous circuits in this more convenient form, we reduced complexity, but not quality. This power amplifier is handcrafted with top quality, highly reliable parts -- most often the same ones used in our full-size components. We are confident that you will be well satisfied with its sonic performance and find pleasure in its functional beauty. Before you enjoy these experiences, please take a few minutes to read this Owner's Manual. This will ensure your listening pleasure today, and for many years to come.

OPERATING INSTRUCTIONS

UNPACKING - Be sure to save the Micro Power Drive's box and packing materials. Store them in a dry environment. It is best to use the original packaging should you need to transport or to ship the Micro Power Drive in the future.

INSTALLATION - Place the Micro Power Drive on a stable surface in a location which allows adequate ventilation. If it is sitting on a carpet, use either a flat board or Tiptoes underneath to keep the ventilation slots unobstructed. Do not locate it in direct sunlight or expose it to extremely high temperatures (above 70 degrees centigrade/154 degrees Fahrenheit). Allow at least four inches of open space on each side, and six inches of open space both above and behind. Do not block the ventilation slots on the bottom or top, or the heat sinks on each side.

- » Position the Power Drive as close as possible to its final location, while allowing access to the back panel connectors.
- » Check to be certain the power switch on the front panel is turned off and that your system's volume control is turned down all the way.

- » The Micro Power Drive uses a detachable three-wire grounded AC power cord. Plug the AC power cord into the amplifier, then plug the other end into an appropriate wall socket.

CONNECTIONS - The Micro Power Drive uses standard RCA phono jacks for input connectors and binding posts for output connectors. Please remember that selecting high quality interconnect and speaker cables for use with this revealing component will result in superior sonic performance from your system. Your McCormack dealer will guide you in making this important component choice.

IMPORTANT! Always install the interconnect cables first when connecting an amplifier, and remove them last when disconnecting an amplifier. This will prevent potential damage to the loudspeakers in case the power supply has not discharged fully.

- » Install interconnect cables from the main output of your preamplifier to the input RCA jacks located on the rear panel. Please note the channel designators and be certain the plugs are fully inserted, making a tight connection.
- » Check again to be certain the Micro Power Drive's power switch is turned off by pushing in the lower half of the switch.
- » Install suitable speaker cables from your speakers to the output connectors located on either side of the rear panel. Note the channel and polarity designators. When finished, recheck all the connections to be certain they are correct and tight.
- » Move the Micro Power Drive to its permanent location. Check again to be certain your system's volume control is turned down all the way. Turn on the front panel power switch by pushing in the top half of the switch. The green LED in the lower center of the front panel will light. If the LED does not light, refer to the Troubleshooting section near the end of this manual.

SPECIFICATIONS

Output power: 50 RMS Watts per channel into 8 ohms, 75 RMS Watts per channel into 4 ohms, both channels driven from 20Hz to 20 kHz at less than 1% THD.

Input impedance: 100K

Input sensitivity: 0.67V for 50W output

Voltage gain: 29.5 dB

Frequency response: 0.6Hz to 175KHz; +0, -3dB

Signal-to-Noise: 102.5dB

Signal polarity ("Absolute Phase"): Non-inverting

Power requirement: 400W maximum

Dimensions: 9.5" wide, 12.875" deep, 3" high

Shipping weight: 11 lbs

TROUBLESHOOTING

PROBLEM: Amplifier does not operate; LED does not light.

Check the AC power cord connections at both ends. Check the AC outlet for power.

If the AC connections are proper and the outlet is live, check the AC line fuse. Replace it if necessary. The AC line fuse is in the pull-out tray at the bottom of the AC power socket in the middle of the rear panel where you plug in the AC power cord. The spare fuse is located in the back section of this tray.

If the amplifier still does not operate, check the power supply rail fuses inside the chassis. Be sure to turn off the Micro Power Drive and disconnect the AC power cord before making this inspection. Remove the top cover and locate the 4 rail fuses. Two are located near the top of the circuit board located on either side of the power transformer. Remove each fuse and replace if necessary. Replace these fuses only with 4 amp, 5x20mm fast-blow type fuses.

PROBLEM: One channel of the amplifier does not operate; LED may or may not be lit.

Check the 2 power supply rail fuses for that channel. See instructions in preceding paragraph.

PROBLEM: Amplifier turns on normally and LED lights, but no sound is produced.

Check all connections carefully. Check your preamplifier's input, mute, and volume settings.

If you have any questions regarding the Micro Power Drive amplifier, please contact your McCormack Audio Dealer.