MC122 Power Amplifier
Enjoy traditional McIntosh excellence in the compact MC122 power amplifier. Like its larger siblings, the MC122 features Power Assurance, which maximizes clean power output and ensures many years of reliable operation. With an invitingly modest price, the MC122 makes it easier than ever to join the extended family of satisfied McIntosh owners.

See “SYSTEMS ENGINEERING” in main brochure for more on McIntosh system architectures.

**Featured Technologies**

**EXCLUSIVE MCINTOSH POWER ASSURANCE SYSTEM.** Power Assurance is a collection of technologies that enhance performance and reliability and protect the amp and the loudspeakers.

*Power Guard® clipping protection.* Power Guard ensures that the amplifier will always deliver full power without causing clipping distortion. If an amplifier channel is overdriven, Power Guard automatically reduces the input volume just enough to keep distortion below 2% and prevent any clipping distortion. Thanks to an optical resistor, Power Guard acts literally at the speed of light, producing absolutely no audible side effects. An amplifier with Power Guard will actually deliver clipping-free output well above its rated power.

*Sentry Monitor® current protection.* Sentry Monitor continually senses the voltage and current of the output stage and confines it to a safe limit. Sentry Monitor does not limit power output.

*Thermal Cutout.* If the cooling air is blocked and the power transistors become too hot, thermal cutouts protect against overheating until the amp cools.

*Turn-On Delay.* This circuit delays operation for about two seconds after turn-on in order to avoid any pops or thumps generated as other equipment turns on.

*Soft Start inrush protection.* Thermistors in the power transformer act as a cushion against inrush current, eliminating component stress during turn-on. Soft Start is one of many design details that contribute to the remarkable longevity of McIntosh equipment.

**REMOTE POWER CONTROL.** This allows a McIntosh Control Center to turn the MC122 and other system components on/off.
About the MC122 Companion Products

The McIntosh products shown at right are logical companions for the MC122. Separate literature is available. Check with your McIntosh dealer for any late additions. McIntosh speaker systems are also covered in detail in separate literature.

**C15 Control Center.** The C15’s extensive capabilities make it the ideal centerpiece for what may begin as a pure stereo system and evolve into a dual-zone audio/video system with the addition of the MVS3 A/V Selector.

**MX132 A/V Control Center + Processor.** The MC122 can be used as a high-quality Zone B amp for the MX132.

**HT1 Loudspeaker.** The 4-way HT1 has two 8-inch bass/mid drivers plus three high-frequency drivers mounted in a patented rotatable baffle that allows the HT1 to be oriented either vertically or horizontally.

**SL4 Loudspeaker.** The 3-way floorstanding SL4 features two 6.5-inch bass/mid drivers and an angled front that allows placement parallel to and nearer the wall.

**SL1 Powered Subwoofer.** Designed to complement the SL4 or HT1, the 250-watt SL1 uses a 12-inch LD/HP® driver that delivers ultra-low-distortion bass down to 20Hz.

---

**MC122 Companions**

- **C15 PREAMPLIFIER**
- **MX132 A/V CONTROL CENTER + PROCESSOR**
- **SL4 LOUDSPEAKER**
- **HT1 LOUDSPEAKER**
- **SL1 POWERED SUBWOOFER**

---

**Most consumer electronics products are necessarily viewed as short-term investments because either they don’t last or they quickly become obsolete in some way. Coincidentally, manufacturers supply a steady stream of “new-and-improved” products that you can buy. Again.**

Behind every McIntosh is a fifty-year heritage of excellence, proudly carried forward by every employee. No production lines, no “price-point” engineering, no planned obsolescence. McIntosh equipment is made to sound better and last longer.

When McIntosh products are presented to customers, the criteria they have been conditioned to overlook – reliability, longevity, craftsmanship, ease-of-use, adaptability, pride of ownership – suddenly leap to the top of their list.

The choice becomes clear: There is nothing like a McIntosh.
MC122 Power Amplifier

FEATURES
2 x 120 watts (4 ohms) or 2 x 80 watts (8 ohms)
Wide power bandwidth
Ultra-low distortion
Exclusive McIntosh Power Assurance System:
  - Power Guard® clipping protection
  - Sentry Monitor® current protection
  - Thermal Cutout
  - Turn-On Delay
  - Soft Start inrush protection
Low-noise toroid power transformer
Remote power control
Input-level gain adjustments
Gold-plated high-current output terminals
Fanless convection cooling
Modular construction with steel chassis
Glass front panel with illuminated nomenclature

SPECIFICATIONS

**RMS Power Output**
120 watts (4Ω) or 80 watts (8Ω) minimum
sine wave continuous average power output per channel from 20Hz to 20kHz
with both channels operating

**Output Load Impedance**
8 or 4 ohms

**Rated Power Band**
20Hz to 20kHz

**Peak Output Current**
> 18 amperes

**Total Harmonic Distortion**
0.005% maximum at any level from
250 milliwatts to rated power output
per channel from 20Hz to 20kHz with
all channels operating

**Intermodulation Distortion**
0.005% maximum if instantaneous peak
power output does not exceed twice the
output power rating

**Dynamic Headroom**
1.6dB

**Frequency Response**
20Hz to 20kHz, +0 / -0.25dB
10Hz to 100kHz, +0 / -3.0dB

**Input Sensitivity**
0.8V (2.5V at gain control center detent)

**Signal-to-Noise Ratio**
110dB below rated output

**Damping Factor**
200 (8 ohms)
100 (4 ohms)

**Power Guard®**
Clipping is prevented and THD
does not exceed 2% with up to
14dB overdrive at 1kHz

**Power Requirements**
120V 50/60Hz, 2.8A

**Dimensions (h x w x d)**
in: 3.625 x 17.5 x 17.5
cm: 9.2 x 44.5 x 44.5

**Weight**
24 lbs. (10.9kg) net
39 lbs. (17.7kg) shipping