

C 272 Stereo Power Amplifier



- 2 x 150W Minimum Continuous Power into 4/8 ohms
- 220W, 340W, 460W IHF Dynamic Power into 8, 4 and 2 ohms, respectively
- PowerDrive™
- High Current Holmgren™ Toroidal Power Transformer
- Bridgeable to 300W mono (8 ohms)
- Both fixed and variable inputs, switch selectable
- Double set of loudspeaker binding posts to facilitate bi-wiring
- All Discrete Circuitry
- Gold plated RCA Connectors
- NAD Soft Clipping™
- 12V Trigger Input for remote Stand-by/On switching
- IEC Detachable Power Cable
- ATO Logic

The all-new NAD C 272 is part of a new range of amplifiers, which will further enhance NAD's enviable reputation for state of the art products at sensible prices. The key design goals of the new range are PERFORMANCE and RELIABILITY. Both are attained at a very competitive price through efficient innovative design, simple circuitry and meticulous engineering.

"Building Block Concept"

For maximum flexibility, the C 272 can operate in bridged mono mode, nearly tripling its single channel stereo mode continuous power rating into 8 ohms. This makes it an ideal choice for a subwoofer amplifier or part of a high powered home theatre or stereo system.

Additional Features

The C 272 also incorporates NAD's acclaimed switchable "Soft Clipping" circuit that significantly reduces the risk of damage to loudspeakers due to prolonged high power operation. The technological effort behind the C 272 results in a relaxed unstrained musicality,

with transparent high frequencies, a deep solid bass foundation and a smooth well-integrated midrange.

The output relay protection circuit provides silent switch on and off, together with non-evasive protection against error conditions such as short circuits and overheating. Using the 12V trigger input, the C 272 is easily switched On or to Stand-by from remote components featuring 12V trigger outputs. NAD's own C 162 preamp sport 12V trigger outputs, for instance. The inclusion of 12V triggers make the C 272 an ideal choice for demanding, high quality Custom Install applications. Equipped with two sets of loudspeaker binding posts, adding a second pair of speakers becomes easy. The second set of binding posts will also facilitate "bi-wiring" speakers, a practice popular with demanding audiophiles.

PowerDrive™

The C 272 also benefits from NAD's proprietary PowerDrive amplification circuitry, now well established and used in many NAD models including the highly reviewed C 320BEE and C 350. PowerDrive allows the C 272 to deliver maximum performance under virtually any circumstance, independent of the loudspeakers it is driving. The circuitry automatically senses the impedance of the loudspeaker and then adjusts its power supply settings to best cope with that specific load.

With PowerDrive, the relationship of voltage to current is kept at an ideal proportion, eliminating the current limiting distortion common in lesser designs. This also gives it an unusual characteristic compared to traditional amplifiers when measuring its continuous output power; the RMS output power remains the same at 150 watts with either an eight or a four-ohm load. This is not unusual for NAD however. NAD takes a stance against the mindless "brochure power" approach which doesn't give a realistic indication of an amplifier's true capabilities. Instead, PowerDrive is a practical approach to enable an amplifier to easily deal with musical dynamics and difficult speaker loads. More meaningful in the real world are the C 272's dynamic capabilities; up to 450 watts into 2 ohms and up to 70 amps current capability into 1 ohm!

