

GOLD NOTE

The Renaissance of Technology.

POWER AMPLIFIER PA-1175



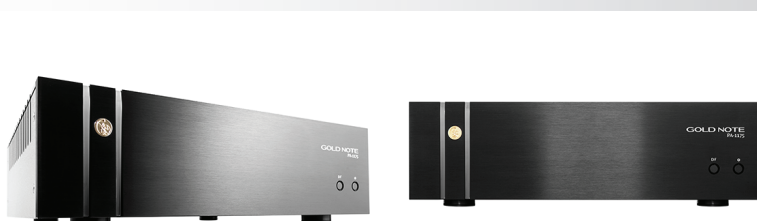
The PA-1175 is the Gold Note first stereo amplifier ever made over 20 years of designing electronics. As first ever made stereo amplifier the PA-1175 features a lot of innovations have always distinguished Gold Note designs. The PA-1175 merges the knowledge of the acclaimed Demidoff single ended amplifiers with high power rate never reached before.

The PA-1175 is a Dual-Mono amplifier featuring 4 matched pair of transistors per channel with a proprietary Gold Note BIAS constant current generator enables high current and high power rate with ultra low distortion. The amplifier features a Gold Note innovative Optical BIAS that uses optical devices to control the voltage reference of the unit that being much more stable of the traditional electronic ones the optical devices guarantee extraordinary audio performance.

Besides Gold Note introduced a new unique Optical Protection for the output stage, featuring optical decoupling that despite the traditional electronic ones that typically downgrading the performance, analysis the audio signal optically. The Optical Protection is completely separated by the audio signal path allowing a perfect protection to the unit and unbeatable performance.

One of the most interesting and exclusive Gold Note innovation of the new PA-1175 also powers a conveniently selectable front panel Damping Factor switch sets up 250 or 25 allowing an ideal match with any kind of speakers acting the amplifier full power and great control at 250 DF necessary with large and difficult speakers to drive while acting as a low power tube amps at 25 DF ideal to drive high sensitivity or mini monitor speakers do not agree the energy of big amplifiers.

The PA-1175 is a fully balanced amplifier features BTL design (Bridge-Tied-Load) allows the unit being easily bridged working as mono amp doubling its large power rate from 175watt per channel @ 8ohm to a considerably 350watt per channel.



The existing flexibility of the stereo power amplifier could be largely extended with the mono application for all kind of speakers really requires high power and great energy.

The amplifier features a 800VA custom made toroidal audio transformer dampened with original Ducati race bikes silent block to guarantee a terrific effect and perfect insulation. A small 6VA transformer powers all service functions out of the audio signal path to preserve the best performance. Top-level electronic components combined with outer connections RCA, XLR and original Rhodium Gold Note speaker terminals complete the PA-1175 high-level quality.

The PA-1175 is built around a very solid steel chassis completed by large massive panels of aluminum to avoid RFI and Emi troubles but magnetic fields at the same time.

The PA-1175 is a new Gold Note design of Arch. Stefano Bonifazi presenting elegant compact look though in a massive 25kilos unit needed to guarantee pure high-end audio performance.

HIGH POWER AMP:

The PA-1175 is a 175Watt per channel @ 8ohm Stereo Power Amplifier bridgeable to have a mono 350Watt per channel.

GOLD NOTE AUDIO DESIGN:

Single-End 8 transistors per channel inductive powered amplifier GN Design derived from the Diamond Line

GOLD NOTE OPTICAL BIAS REGULATION:

Full innovative GN optical BIAS regulation design allows ultra low distortion clean power music signal.

GOLD NOTE OPTICAL PROTECTION:

Innovative GN design Optical Output Protection enable best audio performance.

ADJUSTABLE DAMPING FACTOR:

Adjustable GN property Damping Factor 250/25 playing alternatively low sensitivity difficult speakers and easy load or mini monitors.

SPECIFICATIONS

Power output: 175W per channel @ 8Ω and 350W @ 8 Ω in mono BTL

Frequency response: 1Hz-100kHz at +/-1dB

THD – Total Harmonic Distortion: <0.01%THD @ 20Hz-20kHz

Signal to Noise ratio: -110dB

Damping factor: Selectable 250 or 25

Slew rate: 20V/μs

Audio inputs

Stereo RCA, stereo XLR balanced

Input sensitivity: 1000mV on RCA and 4000mV on XLR

Input impedance: 47Kohm

Audio outputs

Speakers: Gold Note BP-01 Rhodium Plated Binding Posts

Power

Mains supply: 100 to 245V, 50/60Hz, depending on market destination not convertible

Power transformers: 600VA Toroidal Customized Audio Power Transformer and 6VA transformer for all service out of the audio signal path

Power consumption: 600W max – <1W idle

Upgrades

Special: Gold Note Lucca power chord

Physical

Dimensions: 425mm L x 135mm H x 370mm D

Total weight: 25kg



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