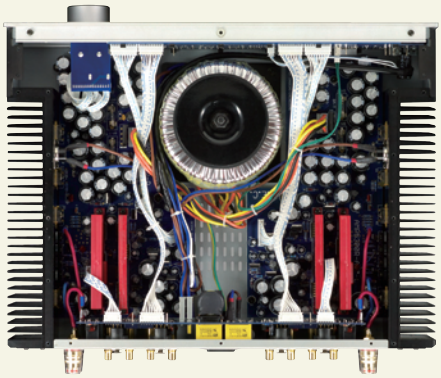
C.E.C.

AMP5300R

Pure Class-A Single-ended Control Power Amplifier

Simple Features and Clear, Well-balanced
Music Reproduction to
Capture the Essence of Music

The AMP5300 middle class control power amplifier, popular for its excellent value for money, has been further refined into the AMP5300R. The AMP5300R retains the DIGM (Digital Intelligent Gain Management) staple sound clarity and fast response, and also offers highly informative and well-balanced sound across all ranges - bass, mid and high.



◀ A completely symmetrical internal circuit design, with a large heatsink on each side.

◀ Gold-plated RCA terminals for high-quality sound reproduction.

▲ Rear panel layout offers ample spacing to accommodate use of large connectors.Plastic-covered speaker terminals to accommodate extra-thick speaker cables. Choice of height-adjustable, solid-aluminum insulators or spike-type bases, easily changeable.

Updated Digital and Analog Circuitries

The AMP5300R features a pure class-A single ended no-feedback circuitry design. The entire circuitry is fully balanced from input to output, and achieves 120W+120W(8Ω) output power – an increase of 20W from the previous model. This allows the AMP5300R to reproduce harmonious and dynamic sound across all volume ranges.

Based on a design philosophy of minimizing the signal path, the AMP5300R only has an input selector and gain management control system (DIGM), omitting the preamp section.

The AMP5300R features CEC's proprietary LEF(Load Effect Free) circuitry, which omits the negative feedback circuit resulting sound signal distortions, achieving high output power and high quality audio reproduction. Both the DIGM and LEF circuits have been upgraded to the newest version.

Symmetrical Design for Thorough Heat Management

Class-A amplifiers tend to offer good sound reproduction quality, yet internal heat management is an ever-present issue. The AMP5300R features a natural cooling system for heat disposal. The large toroidal transformer is placed in the center, with the L/R circuit boards on each side. The power transistor, which tends to generate the most heat, has been separated into right and left and coupled with massive heatsinks to maximize heat disposal efficiency. The sophisticated matt black heatsink is considered part of the chassis design.

Various Input/Output Terminals

The AMP5300R features two balanced XLR input connections in addition to three RCA input connections. The REC OUT terminal can be connected to a recording device, as well as active sub-woofers, etc. The speaker terminals have been refined, using high-quality materials and featuring plastic covers, significantly improving the reliability of the connections.

Specifications

Output power	120W +120W (8 Ω), 135W +135W (4 Ω)
Frequency response	20Hz - 20kHz / -0.08dB/1W
Frequency range	2Hz-180kHz, -3dB (1W)
S/N Ratio	99dB (A-weighted, 1W)
THD	0.035% (1kHz / 1W)
Dumping factor	250(8 Ω / 10W)
Input terminals	2 × balanced XLR input, 2 × unbalanced RCA input
Output terminals	Speaker Output × 1, REC OUT (RCA) × 1
Power supply	AC120/230V, 50/60Hz (Speified on the rear panel)
Power consumption	Min.65W, Max.450W
External dimensions	Approx. 435(W) × 375(D) × 123(H) mm
Weight	Approx.14.3kg
Accessories	AC power cord, Remote control, AAA battery × 2, Spike set, Owner's manual
color	Silver

*Specifications and design are subject to change without notice.

⚠ Safety Precautions

Be sure to operate this product properly once you have thoroughly read the owner's manual.

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