

No feedback, 300B, and high output parallel single. Its driving force invites you to an unexplored world.



MA-2000

Monaural Power Amplifier

The 300B, which is highly coveted by audiophiles, is used in a pure class-A parallel single output operation. The drive stage is powerfully driven by a transformer coupling with 2A3, which has an established reputation as an output tube, and to achieve fresh mid-high frequencies and thick bass sounds playing at a high output power of 25W. The 12AX7 and the SRPP circuit are used in the first stage, and a non-feedback amplifier circuit structure with triode tubes in all stages is used to achieve the dynamic and expressive music reproduction capability that only non-feedbacks can provide. The power supply section uses rectifier tubes which in principle do not generate switching noises, and independent dedicated choke coils are provided for the driver stage and output stage to supply power. Thereby thoroughly eliminating mutual interference between the input signal amplification circuit and the speaker drive circuit, and ensuring that the amplifier can reproduce a wide range of signals from micro-level signals to high-power signals clearly. The heater is a DC ignition for all vacuum tubes with a complete DC power supply, resulting in a thoroughly low-noise design.



Specifications

- Input Impedance: 47kΩ
- Gain: 28dB
- Residual Noise: 200μV or less: A-Net
- Power Output: 25W (THD5%)
- Frequency Response: 10Hz to 40kHz (+0, -3dB)
- Output Impedance: 4Ω, 8Ω
- Power Consumption: 180W (230V AC, 50 to 60Hz)
- Max. Dimensions (mm): 270 (W) x 245 (H) x 480 (D)
- Weight: 20kg

No feedback, 300B single. Its simplicity turns your room into a concert hall.



MA-1500

Monaural Power Amplifier

In order to convey the appeal of the MA-2000 to a wider audience, the 300B is operated as a single self-biased pure class-A unit, and a Toshiba 6CG7 is used as the driver with a transformer combined to achieve a 10W output power. The first stage uses a 5814A SRPP circuit, which is a highly reliable 12AU7 tube, and a non-feedback amplifier circuit structure with triode tubes in all stages makes it play a natural, extended, blur-free, delicate, and resolved sound that only a single non-feedback tube can deliver, along with the original quality of the 300B. The power supply part uses a rectifier tube which in principle generates no switching noises, and the first stage, driver stage, and output stage are each supplied with power from independent choke coils, thereby thoroughly eliminating mutual interference between the input signal amplification circuit and the speaker drive circuit and clearly amplifying signals from minute levels to high power. The 300B heater uses DC ignition with a DC power supply for a thoroughly low-noise design.



Specifications

- Input Impedance: 47kΩ
- Gain: 26dB
- Residual Noise: 200μV or less: A-Net
- Power Output: 10W (THD5%)
- Frequency Response: 10Hz to 40kHz (+0, -3dB)
- Output Impedance: 4Ω, 8Ω
- Power Consumption: 100W (230V AC, 50 to 60Hz)
- Max. Dimensions (mm): 245 (W) x 226 (H) x 427 (D)
- Weight: 16kg

Passive attenuator type controller that has reached a new dimension.



CM-2000

Control Meister

The volume control mechanism, which is the key to audio playing, uses a patented ideal passive attenuator circuit and flexibly supports balanced inputs and outputs, which have become indispensable for modern control equipment, setting this controller apart from conventional preamplifiers.

Three unbalanced (RCA) and three balanced (XLR) input terminals are provided, and two unbalanced/balanced pairs are provided as output terminals. The volume control mechanism employs a large Seiden 46-contact rotary switch, allowing volume adjustment in 1dB steps from 0dB to -34dB, with a large knob to feel the good operation. The attenuator transformer has been redesigned from scratch with new

parts and new winding specifications, and a balanced attenuator transformer has been developed with two attenuator windings for the hot and cold sides of the balanced connection wound onto a single transformer. Furthermore, the two ATT windings allow the transformer to generate the cold side signal internally for unbalanced inputs, making it possible to support fully balanced outputs. The transformer for the balanced volume control circuit can be configured as a single transformer per channel, resulting in excellent frequency and phase characteristics over a wide bandwidth, reducing phase distortion within the audible range and, above all, providing a fresher, clearer sound image localization.



Analog playback reached its ultimate eminence with acquisition of a six-chassis phono equalizer.



MC Step-up Transformer

Phono Amplifier

Power Supply

EA-2000

Tube Type Phono Amplifier

(Built-in MC step-up transformer for phono balance transmission)

As the composition of the Phasemation phono amplifiers, no compromises were made, and the external MC transformer, the newly designed LCR-type tube equalizer section, and the power supply part are all in a monaural structure in a total of six units.

It supported to the phono balance input, and the coil / transformer made by our company is arranged in the signal system, the played sound supported by the powerful power supply unit has high S/N, high resolution, and an overwhelming sense of liveliness, expressing the real presence of the performer to the highest degree.

Specifications

- Input Sensitivity: 2mV (MM), 0.1mV (MC)
- Recommended Cartridge Impedance: 47kΩ or less (MM), 1.5Ω - 40Ω (MC)
- Gain: 40dB (MM), 66dB (MC)
- Input Equivalent S/N Ratio: -121dB (MM), -147dB (MC)
- Rated Output: 200mV (1kHz) - RIAA Deviation: ±0.5dB (20Hz to 20kHz)
- Power Consumption: 35W (230VAC 50/60Hz)
- Max. Dimensions (mm): Transformer 214 (W) x 118 (H) x 265 (D) x 2, Amplifier 214 (W) x 118 (H) x 368 (D) x 2, Power Supply 214 (W) x 118 (H) x 352 (D) x 2
- Weight: Transformer 4.5kg, Amplifier 6.1kg, Power Supply 7.8kg / x 2



In pursuit of spatial expression. This is the new standard of three chassis phono amplifiers.



EA-1200

Tube Type Phono Amplifier

(Built-in MC step-up transformer for phono balance transmission)

As the successor to the first generation 3-unit phono amplifier EA-1000, its design and circuit structure have been completely renewed, and a T-1000-based step-up transformer, and non-feedback tube-type LCR phono equalizer circuit have been adopted to reflect the essence of the EA-2000 in a strong way. Inputs include three phono balanced transmissions at XLR/RCA terminals, all are MC/MM compatible, and three types of equalizer curves are provided, (ie RIAA, Decca, CHROMBIA), and the demagnetization function has been added. The power supply section has a powerful power transformer, which is the same as the EA-1000, and the choke coil has been shielded to create a cleaner and a more powerful tube power supply.

Specifications

- Input Sensitivity: 2mV (MM), 0.1mV (MC)
- Recommended Cartridge Impedance: 47kΩ or less (MM), 1.5Ω - 40Ω (MC)
- Gain: 40dB (MM), 66dB (MC)
- Input Equivalent S/N Ratio: -120dB (MM), -146dB (MC)
- Rated Output: 200mV (1kHz) - RIAA Deviation: ±0.5dB (20Hz to 20kHz)
- Power Consumption: 43W (230VAC 50/60Hz)
- Max. dimensions (mm): Amplifier 210 (W) x 93 (H) x 365 (D) x 2, Power Supply 210 (W) x 93 (H) x 346 (D) x 2
- Weight: Amplifier 4.0kg x 2, Power Supply 5.8kg



The culmination of semiconductor phono amplifiers! A new dimension of sound without any compromise.



EA-550

Phono Amplifier

(Built-in MC step-up transformer for phono balance transmission)

Built in is an MC step-up transformer with PC Triple-C high-purity copper wire used for the secondary winding in a unique special winding structure. Lch and Rch independent complete monaural 2 chassis configuration consisting of an all-discrete all-stage symmetrical non-feedback amplification circuit and a powerful power supply unit with a total of 4 power transformers.

3 inputs are supplied for the MM/MC and phono balanced input. 3 types of equalizer curves: RIAA, Decca, and Chrombia are loaded. The demagnetization function has been added to make the unit even easier to use.

Specifications

- Input Sensitivity: 2.5mV (MM), 0.13mV (MC)
- Recommended Cartridge Impedance: 47kΩ or less (MM), 1.5Ω - 40Ω (MC)
- Gain: 38dB (MM), 64dB (MC)
- Input Equivalent S/N Ratio: -120dB (MM), -140dB (MC)
- Rated Output: 200mV (1kHz)
- RIAA Deviation: ±0.5dB (20Hz to 20kHz)
- Power Consumption: 10W (230VAC 50/60Hz) x 2
- Max. dimensions (mm): 211 (W) x 93 (H) x 360 (D)
- Weight: 5.5kg / x 2



Abundant input terminals and functions for balanced phono transmission.



EA-350

Phono Amplifier

(Built-in MC step-up transformer for phono balance transmission)

Built-in MC step-up transformer incorporating the knowledge from T-2000 supports phono balanced transmission. The all-discrete, all-stage symmetrical non-feedback amplification circuit allows the user to enjoy music with an elegant and overwhelming sense of presence, clear stage reproduction, high resolution, and high S/N ratio. Each of the three inputs can be switched between MM and MC. Inputs 1 and 2 support phono balanced input. There are 3 equalizer curves: RIAA, Decca, and Chrombia. In addition, a demagnetization function has been added for making it easier to use.

Specifications

- Input Sensitivity: 2.5mV (MM), 0.13mV (MC)
- Recommended Cartridge Impedance: 47kΩ or less (MM), 1.5Ω - 40Ω (MC)
- Gain: 38dB (MM), 64dB (MC)
- Input Equivalent S/N Ratio: -120dB (MM), -140dB (MC)
- Rated Output: 200mV (1kHz)
- RIAA Deviation: ±0.5dB (20Hz to 20kHz)
- Power Consumption: 20W (230VAC 50/60Hz)
- Max. dimensions (mm): 430 (W) x 93 (H) x 362 (D) • Weight: 8.8kg



By incorporating the essence of higher grade models, the sound quality and function are further refined by modifying the circuit.



EA-320

Phono Amplifier

An elegant design in keeping with high-end models, powerful power supplies with large-capacity R-core power transformer and shunt-type local regulator. V-I/V conversion type all-stage symmetrical non-feedback amplification circuit using all discrete circuits with dual monaural patterns bring about a spatial expression with a rich amount of information. Advanced features such as a demagnetizing circuit and a CR 2-stage non-reduction type low cut filters are included.

Specifications

- Input Sensitivity: 2.5mV (MM), 0.13mV (MC)
- Recommended Cartridge Impedance: 47kΩ (MM), 470Ω (MC)
- Gain: 38dB (MM), 64dB (MC)
- Input Equivalent S/N Ratio: -120dB (MM), -140dB (MC)
- Rated Output: 200mV (1kHz) - RIAA Deviation: ±0.5dB (20Hz to 20kHz)
- Power Consumption: 13W (230VAC 50/60Hz)
- Max. dimensions (mm): 286 (W) x 93 (H) x 252 (D) • Weight: 3.9kg



Phasemation technology condensed into one compact model.



EA-200

Phono Amplifier

An all-discrete, all-stage, non-feedback amplification circuit is used, utilizing Phasemation's semiconductor technology. The power supply section is equipped with a large R-core power transformer, which is considered over the top for this class, and a first recovery diode with higher rating to achieve rich sound expression, dynamism, and high S/N. The MM/MC switch is equipped supporting MC input.

Specifications

- Input Sensitivity: 2.5mV (MM), 0.12mV (MC)
- Recommended Cartridge Impedance: 47kΩ (MM), 470Ω (MC)
- Gain: 38dB (MM), 63dB (MC)
- Input Equivalent S/N Ratio: -124dB (MM), -140dB (MC)
- Rated Output: 200mV (1kHz) - RIAA Deviation: ±0.3dB (20Hz to 20kHz)
- Power Consumption: 2W (230VAC 50/60Hz)
- Max. dimensions (mm): 220 (W) x 57 (H) x 228 (D) • Weight: 2.6kg

