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



# MA-2000

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-refeedbacks 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.

Input Impedance: 47kΩ

Residual Noise: 200uV or less: A-Net · Power Output: 25W (THD:5%)

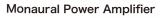
• Frequency Response: 10Hz to 40kHz (+0, -3dB) Output Impedance:  $4\Omega$ ,  $8\Omega$ 

· Power Consumption: 160W (230V AC. 50 to 60Hz) Max. Dimensions (mm): 270 (W) x 245 (H) x 480 (D)

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



# MA-1500



In order to convey the appeal of the MA-2000 to a wider audience, the 300B is operated as a single Specifications 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-refeedback 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-refeedback 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.









· Input Impedance:  $47k\Omega$ 

· Residual Noise: 200uV or less: A-Net · Power Output: 10W (THD:5%)

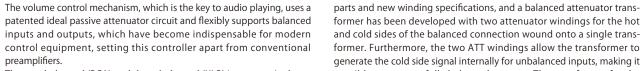
· Frequency Response: 10Hz to 40kHz (+0. -3dB) Output Impedance: 4Ω, 8Ω

 Power Consumption: 100W (230V AC, 50 to 60Hz) Max. Dimensions (mm): 245 (W) x 226 (H) x 427 (D) Passive attenuator type controller that has reached a new dimension.



# CM-2000

## Control Meister



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 over a wide bandwidth, reducing phase distortion within the audible 0dB to -34dB, with a large knob to feel the good operation.

The attenuator transformer has been redesigned from scratch with new

- Input impedance: 47kΩ or more Channel Separation: 100dB or more (20Hz to 20kHz) Frequency Response: 10Hz to 100kHz (+0, -3dB) · Output Impedance: 250 Ω or less
- Output Terminal: RCA x 2, XLR x 2 (Rhodium Platted Terminal by Furutech) Max. Dimensions (mm): 434(W) x 117 (H) x 289 (D) · Weight: 10kg

range and, above all, providing a fresher, clearer sound image localiza-Input Terminal: RCA x 3, XLR x 3 (Rhodium Platted Terminal by Furutech)

former has been developed with two attenuator windings for the hot

and cold sides of the balanced connection wound onto a single trans-

former. Furthermore, the two ATT windings allow the transformer to

possible to support fully balanced outputs. The transformer for the

balanced volume control circuit can be configured as a single transform-

er per channel, resulting in excellent frequency and phase characteristics

generate the cold side signal internally for unbalanced inputs, making it

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



# 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 supporteds 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.







Input Sensitivity: 2mV (MM), 0.1mV (MC) Recommended Cartridge Impedance:  $47k\Omega$  or less (MM),  $1.5\Omega$  -  $40\Omega$  (MC) Gain: 40dB (MM) 66dB (MC)

Input Equivalent S/N Ration: -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, and s, all are MC/MM compatible, and three types of equalizer curves are its design and circuit structure have been completely renewed, and a provided, (ie RIAA, Decca, CHROMBIA), and the demagnetization func-T-1000-based step-up transformer, and non-feedback tube-type LCR tion has been added. 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 termi-

## Specifications Input Sensitivity: 2mV (MM), 0.1mV (MC)

EA-550

Phono Amplifier

Recommended Cartridge Impedance:  $47k\Omega$  or less (MM),  $1.5\Omega$  -  $40\Omega$  (MC) Gain: 40dB (MM), 66dB (MC)

Input Equivalent S/N Ration: -120dB (MM), -146dB (MC) Rated Output: 200mV(1kHz) RIAA Deviation4: ±0.5dB(20Hz to 20kHz

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

Lch and Rch independent complete monaural 2 chassis configuration consisting of

3 inputs are supplied for the MM/MC and phono balanced input. 3 types of equal-

The demagnetization function has been added to make the unit even easier to use.

an all-discrete all-stage symmetrical non-feedback amplification circuit and a pow-

for the secondary winding in a unique special winding structure.

erful power supply unit with a total of 4 power transformers.

izer curves: RIAA, Decca, and Chrombia are loaded.

Built in is an MC step-up transformer with PC Triple-C high-purity copper wire used Specifications

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.





Input Sensitivity: 2.5mV (MM), 0.13mV (MC)

• BIAA Deviation: +0.5dB(20Hz to 20kHz)

· Input Equivalent S/N Ration: -120dB (MM), -140dB (MC)

Power Consumption: 10W (230VAC 50/60Hz) x 2

• Max. dimensions (mm): 211 (W) x 93 (H) x 360 (D)

• Gain: 38dB (MM), 64dB (MC)

· Rated Output: 200mV (1kHz)

• Recommended Cartridge Impedance:  $47k\Omega$  or less (MM),  $1.5\Omega$  -  $40\Omega$  (MC)

a cleaner and a more powerful tube power supply.

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







# EA-320

EA-350

Phono Amplifier

making it easier of use.



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/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.

(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

By incorporating the essence of higher grade models,

the sound quality and function are further refined by modifying the circuit.

## Specifications

 Input Sensitivity: 2.5mV (MM), 0.13mV (MC) Recommended Cartridge Impedance:  $47k\Omega$  (MM),  $470\Omega$  (MC)

Input Sensitivity: 2.5mV (MM), 0.13mV (MC)

Power Consumption: 20W (230VAC 50/60Hz)

· Input Equivalent S/N Ration: -120dB (MM), -140dB (MC)

• Max. dimensions (mm): 430 (W) x 93 (H) x 362 (D) • Weight: 8.8kg

• Gain: 38dB (MM), 64dB (MC)

· Rated Output: 200mV (1kHz) RIAA Deviation: ±0.5dB (20Hz to 20kHz)

Recommended Cartridge Impedance:  $47k\Omega$  or less (MM) , 1.5  $\Omega$  -  $40\Omega$  (MC)

• Gain: 38dB (MM), 64dB (MC) Input Equivalent S/N Ration: -120dB (MM), -140dB (MC)

Bated Output: 200mV (1kHz) • BIAA 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.

Abundant input terminals and functions for balanced phono transmission.



## 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.

 Input Sensitivity: 2.5mV (MM), 0.12mV (MC) • Recommended Cartridge Impedance:  $47k\Omega$  (MM),  $470\Omega$  (MC)

Gain: 38dB (MM), 63dB (MC)

Input Equivalent S/N Ration: -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















