

The culmination of the Phasemation's philosophy.



MA-5000

Monaural Power Amplifier

PSVANE's WE-211 parallel single amplifier with 45W output power is developed as a top-of-the-line vacuum tube amplifier that powerfully drives modern speakers. The driver stage is a transformer-coupled PSVANE WE-300B, a popular output tube, and a 12AX7 is used in the first stage to achieve a non-negative feedback amplifier configuration with triode tubes in all stages. The amplifier configuration is full of dynamism and expressive music reproduction capability. The impressive front glass tube cover is decorated with the traditional Japanese design of "cloisonne" to create a dignified design.

- Specifications
- Input Impedance: < 47k Ω • Gain: 28 dB
 - Residual Noise: 200 μ V or less: A-Net
 - Output Power: 45W (THD: 5%)
 - Frequency Response: 10 ~ 40kHz(+0, -3dB)
 - Output Impedance: 4 to 8 Ω
 - Power Consumption: 350W
 - Dimensions: 370 (W) x 346 (H) x 636 (D) mm
 - Weight: 50.0kg

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-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.

- Specifications
- Input Impedance: 47k Ω
 - Gain: 28dB
 - Residual Noise: 200 μ V or less: A-Net
 - Power Output: 25W (THD: 5%)
 - Frequency Response: 10Hz to 40kHz(+0, -3dB)
 - Output Impedance: 4 Ω , 8 Ω
 - Power Consumption: 160W (230V AC, 50 to 60Hz)
 - Max. Dimensions (mm): 270 (W) x 245 (H) x 480 (D)
 - Weight: 20kg

The 300B, a vacuum tube audio amplifier that plays blissful music in a relaxing space.



SA-1500

Stereo Integrated Amplifier

A stereo amplifier of a pure A class operation and a self-biased method that exhaustively expresses the attractive sound of 300B. A non-feedback structure of an all-stage triodes that gives out a rich expression and dynamic sound. L/R individual output transformer made by Lundahl (Sweden) that reproduces a no colored transparent sound. Independent left and right choke transformers that restrains the mutual inference and creates a vivid sound. Loaded with a "DIRECT" mode that can be used as a power-amplifier. A low noise and Anti-vibration design makes clear and blur-free sound Cover made by thicker glass and rigid aluminum make wide sound stage.

- Specifications
- Input Impedance: < 47k Ω • Gain: 30 dB
 - Output Power: 9W (THD: 5%)
 - Frequency Response: 1 to 40kHz(+0, -3dB)
 - Output Impedance: 4 to 8 Ω
 - Input Terminal(RCA): Direct1, 1, 2, 3
 - Speaker Output Terminal: 1 Pair (Spade/Banana)
 - Dimensions: 430 (W) x 240 (H) x 380 (D) mm
 - Weight: 18.0kg • Color: Gold/Black

Passive controller with new generation preamplifier +6dB amplification



CM-2200

Hybrid Passive Pre-Amplifier (Control Meister)

The volume control mechanism, which can be said to be the key to audio playback, employs a patented ideal passive volume control circuit based on a new idea. The CM-2200 also features a balanced attenuator transformer that flexibly responds to balanced input and output. Addition to this, CM-2200 has an additional +6dB amplification function. The CM-2200 is a passive preamplifier for the new era, offering a crisp and clear sound image localization at any gain.

- Specifications
- Gain: +6dB, 0dB • Input Impedance: < 47k Ω
 - Channel Separation: < 100dB (20 to 20 kHz)
 - Crossover Frequency: 10 to 100kHz(+0, -3dB)
 - Output Impedance: > 250 Ω • Input Terminal: RCA x 3, XLR x 3
 - Output Terminal: RCA x 2, XLR x 2
 - Dimensions: 434 (W) x 117 (H) x 289 (D) mm • Weight: 10.0kg

The culmination of the Phasemation's philosophy



CM-1500

Hybrid Passive Pre-Amplifier (Control Meister)

As well as CM-2200, this control meister is equipped with a patented hybrid passive attenuator and has a +6dB amplification function. Volume adjustment can be more finely adjusted in 43 steps in combination with 3-step gain switching. The construction thoroughly suppresses externally induced hum and unwanted vibrations, and various high-quality sound parts are used to reproduce crisp and expressive sound in both balanced and unbalanced conditions.

- Specifications
- Input Impedance: < 47k Ω • Gain: +6, 0, -10dB
 - Frequency Response: 1 to 100kHz(+0, -3dB)
 - Output Impedance: 250 Ω • Input Terminal: RCA x 3, XLR x 2
 - Output Terminal: RCA x 2, XLR x 2
 - Dimensions: 430 (W) x 93 (H) x 362 (D) mm
 - Weight: 8.0kg • Color: Gold/Black

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

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 supports 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: 47k Ω or less (MM), 1.5 Ω - 40 Ω (MC)
 - Gain: 40dB (MM), 66dB (MC)
 - Input Equivalent S/N Ratio: -121dB (MM), -147dB (MC)
 - Rated Output: 200mV (1kHz)
 - RIAA Deviation: \pm 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

Phono Amplifier

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: 47k Ω or less (MM), 1.5 Ω - 40 Ω (MC)
 - Gain: 40dB (MM), 66dB (MC)
 - Input Equivalent S/N Ratio: -120dB (MM), -146dB (MC)
 - Rated Output: 200mV (1kHz) • RIAA Deviation: \pm 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 362 (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.



Rear



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: 47k Ω or less (MM), 1.5 Ω - 40 Ω (MC)
 - Gain: 38dB (MM), 64dB (MC)
 - Input Equivalent S/N Ratio: -120dB (MM), -140dB (MC)
 - Rated Output: 200mV (1kHz) • RIAA Deviation: \pm 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.



Rear



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: 47k Ω or less (MM), 1.5 Ω - 40 Ω (MC)
 - Gain: 38dB (MM), 64dB (MC)
 - Input Equivalent S/N Ratio: -120dB (MM), -140dB (MC)
 - Rated Output: 200mV (1kHz)
 - RIAA Deviation: \pm 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

Derived the technologies from upper model, and further simplified and brushed up.



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.

The compact body, with a new Phasemation design image, is equipped with an all-discrete, all-stage, non-return amplification circuit that makes full use of semi-conductor technology and is also compatible with MC input. The powerful power supply unit, one of the most powerful in its class, and the newly added electromagnetic shielding material on the top panel, achieve higher speed and S/N ratio than ever before, resulting in a richer spatial expression, more dynamism and greater clarity.

- Specifications
- Input Sensitivity: 2.5mV (MM), 0.13mV (MC)
 - Recommended Cartridge Impedance: 47k Ω (MM), 470 Ω (MC)
 - Gain: 38dB (MM), 64dB (MC) • Input Equivalent S/N Ratio: -120dB (MM), -140dB (MC)
 - Rated Output: 200mV (1kHz) • RIAA Deviation: \pm 0.5dB (20Hz to 20kHz)
 - Power Consumption: 13W (230VAC 50/60Hz)
 - Max. dimensions (mm): 286 (W) x 93 (H) x 252 (D) • Weight: 3.8kg

Elegantly reborn little giants.



EA-220

Phono Amplifier

The compact body, with a new Phasemation design image, is equipped with an all-discrete, all-stage, non-return amplification circuit that makes full use of semi-conductor technology and is also compatible with MC input. The powerful power supply unit, one of the most powerful in its class, and the newly added electromagnetic shielding material on the top panel, achieve higher speed and S/N ratio than ever before, resulting in a richer spatial expression, more dynamism and greater clarity.

- Specifications
- Input Sensitivity: 2.5mV (MM), 0.12mV (MC) • Input Impedance: 47k Ω (MM), 470 Ω (MC)
 - Gain: 38dB (MM), 64dB (MC) • S/N: -120dB (MM), -140dB (MC)
 - Output Voltage: 200mV (1kHz) • Power Consumption: 2W
 - Dimensions: 220 (W) x 57 (H) x 228 (D) mm • Weight: 2.6kg