

Brings new life to the playback of the vinyl by reproducing the overwhelming presence of the music.



T-2000

MC Step-up Transformer (Phono Balanced Transmission Supported)

"Ultra-thin supermalloy core material" was developed for the T-2000. Combined with the large core shape, it achieves excellent characteristics of high low-frequency linearity and high-efficiency boosting (low loss) to bring about a detailed spatial expression. The transformer winding specifications were reviewed from scratch, and a new winding structure and a high-purity copper wire PC Triple-C were adopted for the secondary windings, contributing to a better and more vital sound throughout the entire range. By completely separating the L & R channels in a monaural unit, sound quality interference between the left and right channels has been thoroughly eliminated, resulting in the reproduction of an overwhelming sense of presence. A walnut wood base is added under the unit to eliminate unwanted vibrations by combining different materials, resulting in a reproduction sound with an excellent S/N ratio.

Specification
 • Recommended Cartridge Impedance: 1.5Ω-40Ω
 • Recommended Load Impedance: 47kΩ
 • Gain: 26dB
 • Frequency Response: 10Hz~100kHz ±2dB
 • Max. Dimensions (mm): 214 (W) x 118 (H) x 265 (D)
 • Weight: 4.5kg x 2 units
 • Input/Output Terminal: Rhodium plated terminal of FURUTECH



It brings out the reality of the music inscribed on the record and even the emotions of the artist.



T-550

MC Step-up Transformer (Phono Balanced Transmission Supported)

The transformer mounting structure and magnetic flux control technology developed for the T-1000 are retained. The same 10mm-thick aluminum slant panel as the new generation model is used. The T-1000 delivers a rich amount of information over the entire bandwidth, a detailed spatial expression full of vitality, and a clearer sound image localization.

Specifications
 • Recommended Cartridge Impedance: 1.5Ω-40Ω
 • Recommended Load Impedance: 47kΩ • Gain: 26dB
 • Frequency Response: 10Hz~50kHz ±2dB
 • Max. Dimensions (mm): 174 (W) x 92 (H) x 173 (D)
 • Weight: 2.1kg • Input/Output Terminal: Gold plated terminal



Equipped with MM/MC select switch and dramatically improves sound quality.



T-320

MC Step-up Transformer

The sound quality has been polished and dramatically improved by following the numerous technologies and knowledge cultivated in the high-end models. In addition, the MM/MC switching switch has been installed for enhanced convenience.

Specifications
 • Recommended Cartridge Impedance: 1.5Ω-40Ω
 • Recommended Load Impedance: 47kΩ
 • Gain: 26dB • Frequency Response: 10Hz~50kHz ±2dB
 • Max. Dimensions (mm): 136 (W) x 92 (H) x 134 (D)
 • Weight: 1.3kg • Input/Output Terminal: Gold plated terminal



Balanced transmission phono cable with ultra-thick (1.25 Sq (mm²)) PC-TripleC wire.

CC-1200D

Phono Cable (DIN-XLR)



CC-1200R

Phono Cable (RCA-XLR)



CC-1200DR

Phono Cable (DIN-RCA)



CC-1200RR

Phono Cable (RCA-RCA)



●The PC TripleC's features of low distortion and high conductivity allow weak signals from the cartridge to be transmitted to the phono amplifier without loss of signal. ●The DIN connector and RCA plugs are rhodium-plated, which are known for their high quality. ●The XLR connector uses a gold-plated plug manufactured by Neutrik.

MODEL	Specification	CONDUCTOR / Length	5P DIN Connector	RCA Plug	XLR Connector
CC-1200D	DIN-XLR	PC Triple C, 1.25 mm ² , 1.2m	Rhodium plating	----	Neutrik Gold plated
CC-1200R	RCA-XLR		----	----	----
CC-1200DR	DIN-RCA		Rhodium plating	Rhodium plating	----
CC-1200RR	RCA-RCA		----	----	----

High rigid head-shell machined from duralumin.



Color anodized model machined from aluminum.



Restores MC step-up transformers and iron core MC cartridges.



CS-1200

Head shell

CS-1000 model with even lighter weight and higher sound quality.

Specifications
 • Duralumin machined (with DLC treatment)
 • Weight: 13.3g (included screws, shell lead, hook)
 • Shell lead: PC-TripleC
 • Accessory: Shell lead wire x 4, hook, screws (M2.6/6mm x 2, M2.6/10mm x 2), (M2.6/16mm x 2) nut x 2, Hex-wrench x 1

CS-900

Head shell

Selectable from three colors, anodized model machined from aluminum.

Specifications
 • Aluminum machined (anodized)
 • Weight: 13.3g with shell lead, hook, screws (M2.6/10mm x 2) nut x 2
 • Shell lead: PC-TripleC
 • Accessory: Shell lead wire x 4, hook, screws (M2.6/6mm x 2, M2.6/10mm x 2), (M2.6/16mm x 2) nut x 2, Hex-wrench x 1

DG-100

Degausser

Specifications
 • Output Oscillation Frequency: 440Hz ± 5%
 • Output Voltage: 0.7Vrms or more
 • Output Waveform: Exponential Decay Waveform for 20sec.
 • Output Impedance: 280Ω
 • Max. Dimensions (mm): 69 (W) x 28 (H) x 121 (D)
 • Weight: 172g
 • Output Terminal: Gold plated terminal

Kyodo Denshi Engineering Co., Ltd.
 8-40-17 Shinyoshidahigashi, Kohoku-ku,
 Yokohama-shi, Kanagawa 223-0058 Japan
 TEL: +81-45-710-0975 FAX: +81-45-710-0976
 E-mail: info@phasemation.com URL: https://phasemation.com



Phasemation is the original audio brand of Kyodo Denshi Engineering Co., Ltd.

A50000000-0 CPN

General Product Catalogue

2024 WINTER

Phasemation

Made in Yokohama

Flagship model with diamond cantilever.



PP-5000

MC Cartridge

The use of a diamond cantilever has increased the propagation speed, resulting in an increase in the amount of information. In addition, the mounting angle of the stylus tip with natural diamond is strictly controlled to improve the tracing ability. The spatial expressiveness has been further enhanced by reviewing the vibration system and improving the precision of the polishing of the circuit components. The base is newly coated with TiN and the cover is treated with DLC to control vibrations.

Specifications
 • Impedance: 4Ω • Tracking Force Range: 1.7 to 2.0g
 • Output Voltage: 0.3mV or more (1kHz, horizontal 50mm/s)
 • Compliance: 8.5 x10⁻⁶cm/dyne • Frequency Response: 10Hz to 30kHz
 • Channel Balance: ±1dB (1kHz) • Cantilever: Synthetic Diamond (0.2mm dia.)
 • Stylus Tip: Natural Diamond (line contact/0.03x0.003mm)
 • Magnet: Samarium-cobalt • Magnetic Circuit Material: Permeur
 • Base Material: Carved Stainless (with TiN treatment)
 • Body Material: Carved Duralumin (with DLC treatment)
 • Weight: 14.3 g • Suggested usage temperature: 20°C ~ 26°C

Our work of pride that inherits PP-2000's dominant traits.



PP-500

MC Cartridge

Specifications
 • Impedance: 4Ω • Tracking Force Range: 1.7 to 2.0 g
 • Output Voltage: 0.3 mV or more (1kHz, horizontal 50mm/s)
 • Compliance: 8.0x10⁻⁶(e-6) cm/dyne • Frequency Response: 10Hz to 30kHz
 • Channel Balance: ±1 dB (1 kHz) • Cantilever: Pure boron (0.26mm dia.)
 • Stylus Tip: Diamond (line contact/0.03x0.003mm) • Magnet: Samarium-cobalt
 • Magnetic Circuit Material: Permeur • Base Material: Duralumin (with DLC treatment)
 • Body Material: Duralumin (with DLC treatment) • Weight: 11.3 g

The "blue crystal" filled with the essence of Phasemation.



PP-200

MC Cartridge

Specifications
 • Impedance: 4Ω • Tracking Force Range: 1.7 to 2.0 g
 • Output Voltage: 0.3 mV or more (1kHz, horizontal 50mm/s)
 • Compliance: 8.5x10⁻⁶(e-6) cm/dyne • Frequency Response: 10Hz to 30kHz
 • Channel Balance: ±1 dB (1 kHz) • Cantilever: Pure boron (0.26mm dia.)
 • Stylus Tip: Diamond (line contact/0.03x0.003mm) • Magnet: Samarium-cobalt
 • Magnetic Circuit Material: Permeur • Base Material: Duralumin
 • Body Material: Aluminum • Weight: 10.3 g

A flagship model with overwhelming space reproduction ability.



PP-2000

MC Cartridge

The coil bobbin material is pure iron, which is the most desirable in terms of sound quality, and a custom-made 35um diameter 6N oxygen-free copper wire is wound around the iron core in a cross-wound manner. The magnetic circuit uses permeur material, and the cantilever material uses ideal solid φ0.26mm boron material, which is hard and light. The stylus tip is a line contact type of natural diamond. Combined with the body of DLC processing, it realizes a wide band and clear spatial expression.

Specifications
 • Impedance: 4Ω • Tracking Force Range: 1.7 to 2.0g
 • Output Voltage: 0.3mV or more (1kHz, horizontal 50mm/s)
 • Compliance: 8.0x10⁻⁶(e-6) cm/dyne • Frequency Response: 10Hz to 30kHz
 • Channel Balance: ±1dB (1kHz) • Cantilever: Pure boron (0.26mm dia.)
 • Stylus Tip: Diamond (line contact/0.03x0.003mm)
 • Magnet: Samarium-cobalt • Magnetic Circuit Material: Permeur
 • Base Material: Stainless (with DLC treatment)
 • Body Material: Duralumin (with DLC treatment) • Weight: 14.3 g

A basic model that incorporates Phasemation's know-how.



PP-300

MC Cartridge

Specifications
 • Impedance: 4Ω • Tracking Force Range: 1.7 to 2.0 g
 • Output Voltage: 0.28 mV or more (1kHz, horizontal 50mm/s)
 • Compliance: 8.0x10⁻⁶(e-6) cm/dyne • Frequency Response: 10Hz to 30kHz
 • Channel Balance: ±1 dB (1 kHz) • Cantilever: Pure boron (0.26mm dia.)
 • Stylus Tip: Diamond (line contact/0.03x0.003mm) • Magnet: Samarium-cobalt
 • Magnetic Circuit Material: Permeur • Base Material: Duralumin (with DLC treatment)
 • Body Material: Duralumin (with DLC treatment) • Weight: 11.1 g

Feel the heat of a monaural vinyl LP's true value on a stereo system.



PP-Mono

Monaural MC Cartridge

Specifications
 • Impedance: 4Ω • Tracking Force Range: 1.7 to 2.0 g
 • Output Voltage: 0.28 mV or more (1kHz, horizontal 50mm/s)
 • Compliance: 8.0x10⁻⁶(e-6) cm/dyne • Frequency Response: 10Hz to 30kHz
 • Channel Balance: ±1 dB (1 kHz) • Cantilever: Aluminum Pipe
 • Stylus Tip: Diamond (Spherical/1.0mm) • Magnet: Samarium-cobalt
 • Magnetic Circuit Material: Permeur • Base Material: Stainless (with DLC treatment)
 • Body Material: Duralumin (with DLC treatment) • Weight: 14.7g

*DLC : DLC (Diamond Like Carbon), which is a generic name of a carbon film produced by a vapor phase synthesis process utilizing ion, has features like a diamond which has high hardness and high electric insulation.

Needle exchange : Please contact the dealer when exchanging the needle.

Phasemation is a combined word from "phase" and "information". It is named with the intention of accurately transmitting phase information, which is crucial for playing music.

Technologies for Music Art



協同電子エンジニアリング株式会社
 取締役会長
 鈴木 信行

Phasemation Listening Room



Phasemation sound evaluation / listening room
 Phasemation owns special designed sound evaluation room in Phasemation headoffice in Japan. All of new Phasemation products are evaluated at this room and tuned sound to aim best performance.

