Firma: Player Plus doo
Adresa: Svetogorska 9
Telefon: +381 11 3347 442
Fax: +381 11 3347 615
PIB: 106966344
E-mail: porudzbine@player.rs

Technics SU-G700M2E-Silver
Integrisano pojačalo



Šifra: 17946
Kategorija prozivoda: Integrisana Pojačala
Proizvođač: Technics

Cena: 275.880,00 rsd

The SU-G700M2 Stereo Integrated Amp has inherited the new domain of sound attained by the SU-R1000 Reference Class Amp. In addition to the full-digital JENO Engine with outstanding sound expressivity, the SU-G700M2 comes with a new power supply system that offers high-speed response and low noise. The three-section configuration is packed with noise and vibration prevention measures. The SU-G700M2 is complete with Phono MC input. It delivers extremely pure and dynamic sound regardless of whether the sound source is analog or digital.

Exquisite, Grand-Class Amplifier with full-digital core amplifier technologies
Natural, detailed sound with load adaptive phase calibration (LAPC)
Vintage and modern connections with low distortion and a wide frequency range
Gorgeous, sculptural body with sleek, hairline-brushed aluminum cabinet

FEATURES

(JITTER ELIMINATION AND NOISE-SHAPING OPTIMIZATION)
JENO Engine
In order to faithfully transmit the massive amount of audio data sent to the speakers without loss, the SU-G700M2 power amp section uses full digital amplification employing the JENO Engine, based on the design concept of reference systems. In order to solve the issue of sound quality degradation due to jitter, which poses problems for conventional digital amplifiers, the SU-G700M2 has an original jitter reduction circuit that eliminates jitter over the entire audible frequency range. Also, a unique, high-precision PWM (Pulse Width Modulation) conversion circuit is used for PWM conversion, which is important for sound quality. By optimizing items such as the noise-shaping speed, degree, and quantization number through our unique expertise, data even in the wide dynamic range contained in high-resolution sound sources is converted to PWM signals without loss. These technologies provide reproduction of natural and finely detailed sound, enabling perception even of delicate music nuances.

(LOAD ADAPTIVE PHASE CALIBRATION)
LAPC
Speaker impedance changes with each frequency and a power amplifier is required to drive speakers without being affected by the speaker’s characteristics. However, conventional digital amplifiers are connected to speakers through a low-pass filter at the output stage, so they are even more strongly affected by the speaker impedance characteristics. Also, although the amplitude characteristics of conventional amplifiers due to negative feedback were improved, the phase characteristics could not be enhanced. We thus developed a speaker impedance adaptive optimization algorithm that performs correction to the ideal impulse response through digital signal processing by measuring the frequency

amplitude-phase characteristics of the amplifier with the speakers connected. This new technique enables flattening the frequency characteristics of amplitude and phase, which had previously not been achieved by amplifiers, as well as delivering a sound with rich spatial expression.

Advanced Speed Silent Power Supply
The power supply technology incorporated in the reference-class model SU-R1000 has been employed for improved speaker drive power and a greater feel of energy. The switching frequency has been increased from the conventional 100kHz band to the 400kHz band to ensure stable supply of voltage and current and to reduce adverse effects of modulation noise on the audio quality. The device is equipped with the same GaN FET and SiC SBD as those mounted in the SU-R1000 to deliver maximum performance from the high-speed switching power supply system.

What’s more, a Super Low Noise Regulator is provided in the later stage. It prevents the decrease of regulation due to fixed switching frequency and impedes the mixing of noise component into high frequencies. The result is a low-noise and high-response power supply that maximizes the performance of the digital amplifier.

Three-section Configuration
In integrated amplifiers there are a variety of circuits, including circuits that handle the micro-signals of inputs and those that handle a large current, such as output circuits and power-supply circuits. The SU-G700M2 uses a three-section construction with partitions installed between the circuit blocks according to the signal level handled. This eliminates interference between circuit blocks, thus achieving clear sound quality. In addition to the three-section construction, the SU-G700M2 comes with a bottom chassis featuring a two-layer construction with 1.2-mm-thick and 2-mm-thick steel plates, a top panel made of a 1.6-mm-thick steel plate and a 7-mm-thick aluminium front panel for improved vibration damping.

Low-noise PHONO Input
PHONO MC input is now supported. The PHONO input achieves low noise by using a differential parallel connection configuration of a first-stage, low-noise FET. In addition, four-level gain adjustment enables selection of the best gain according to the cartridge output. This enables optimal playback of high-grade analogue recorded sound sources tailored to the user’s environment.

Class AA Headphone Amplifier
The SU-G700M2 uses a Class AA headphone amplifier with separate amplifier circuits for voltage amplification and current amplification of the audio signal. The voltage is amplified by a high-grade operational amplifier, the current is amplified by an operational amplifier with high current-supply capability, and the high-grade PWM signal output from the JENO Engine is converted to analogue with high precision, thus enabling headphones to be ideally driven. This makes it possible to reproduce music with low distortion and a wide frequency range no matter what the load impedance of the headphones is.

Technics’ exclusive block capacitor
The power supply unit for the amplifier features Technics’ exclusive block electrolytic capacitor optimized through scrupulous tuning, which was installed in the SU-R1000.

Large ground terminal
The large ground terminal accommodates a thick, large-diameter ground wire.

Brass speaker terminals
The screws used for securing the wires sending audio signals to the speaker terminals are made of nonmagnetic brass.

Specification	

Output Power	70W + 70W (1kHz, T.H.D. 0.5%, 8Ω, 20kHz LPF), 140W + 140W (1kHz, T.H.D. 0.5%, 4Ω, 20kHz LPF)
FTC Output Power	70W + 70W (1kHz, T.H.D. 0.5%, 8Ω, 20kHz LPF), 140W + 140W (1kHz, T.H.D. 0.5%, 4Ω, 20kHz LPF)
Load Impedance	4Ω-16Ω
Frequency Response - PHONO (MM)	2.5mV / 47kΩ
Frequency Response - PHONO (MC)	300uV /100Ω
Frequency Response - LINE	200mV / 22kΩ
Analogue Input Terminal	LINE x 2 (LINE1, LINE2 / MAIN IN), PHONO (MM/MC) x1
Digital Input Terminal	Optical digital x2 (OPT 1, OPT 2), Coaxial digital x2 (COAX 1, COAX 2), USB-B x1 (PC)
Analogue Output Terminal	LINE OUT x1, PRE OUT x1
Headphone Output	Yes, Stereo Φ6.3 mm
PC (USB-B)	USB 2.0 high-speed, USB Audio Class 2.0, Asynchronous mode
Support Codec	PCM Yes (32, 44.1, 48, 88.2, 96, 176.4, 192, 352.8, 384 kHz / 16, 24, 32 bit), DSD Yes (2.8 MHz, 5.6 MHz, 11.2 MHz)
DSD control mode	ASIO Native mode, DoP mode
Power Supply	AC 120 V ,60 Hz
Power Consumption	95W
Dimensions (W x H x D)	16-15/16 x 5-13/16 x 16-27/32 inch
Weight	Approx. 28 lbs
Accessories	AC Cord, Remote Control, Batteries for Remote Control, Owner's Manual

Cene su informativnog karaktera. Prodavac ne odgovara za tačnost cena iskazanih na sajtu, zadržava pravo izmena cena. Ponudu za ostale artikle, informacije o stanju lagera i aktuelnim cenama možete dobiti na upit. Plaćanje se isključivo vrši virmanski - bezgotovinski.