

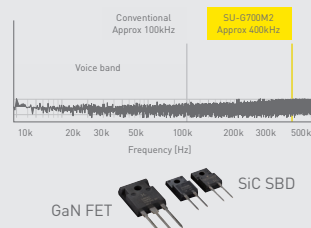
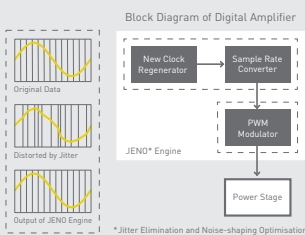
SU-G700M2

Full Digital Amp Capable of Reproducing Extremely Pure and Dynamic Sound

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 analogue or digital.



Key Features



JENO Engine (Jitter Elimination and Noise-shaping Optimisation)

In order to faithfully transmit the massive amount of audio data sent to the speakers without loss, the SU-G700M2 uses full digital amplification employing the JENO Engine. The JENO Engine transmits and processes audio signals in full digital and with minimal jitter from the input stage to the power stage.

Advanced Speed Silent Power Supply

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 GaN FET and SiC SBD deliver maximum performance from the high-speed switching power supply system.

Three-section Configuration

The SU-G700M2 uses a three-section configuration with partitions installed between the circuit blocks according to the signal level handled. This eliminates interference between circuit blocks and suppresses noise generation, thus achieving clear sound quality. This configuration has also enhanced the rigidity of the cabinet.

Stereo Integrated Amplifier

SU-G700M2



-Silver



-Black

Specifications

FTC Output Power	70 W + 70 W (1 kHz, T.H.D. 0.5 %, 8 Ω, 20 kHz LPF) 140 W + 140 W (1 kHz, T.H.D. 0.5 %, 4 Ω, 20 kHz LPF)
Load Impedance	4 Ω - 16 Ω
Frequency Response	PHONO (MM) 20 Hz - 20 kHz (RIAA DEVIATION ±1dB, 8 Ω) PHONO (MC) 20 Hz - 20 kHz (RIAA DEVIATION ±1dB, 8 Ω) LINE 5 Hz - 80 kHz (-3 dB, 8 Ω) DIGITAL 5 Hz - 80 kHz (-3 dB, 8 Ω)
Input Sensitivity / Input Impedance	PHONO (MM) 2.5 mV / 47 kΩ PHONO (MC) 300 μV / 100 Ω LINE 200 mV / 22 kΩ
Analogue Input Terminal	LINE × 2 (LINE1, LINE2 / MAIN IN) PHONO (MM/MC) × 1
Digital Input Terminal	Optical digital × 2 (OPT 1, OPT 2) Coaxial digital × 2 (COAX 1, COAX 2) USB-B × 1 (PC)
Analogue Output Terminal	LINE OUT × 1 (LINE OUT) PRE OUT × 1 (PRE OUT)
Headphone Output	Stereo Ø6.3 mm
PC (USB-B)	USB 2.0 high-speed USB Audio Class 2.0, Asynchronous mode
Support Codec	PCM (32, 44.1, 48, 88.2, 96, 176.4, 192, 352.8, 384 kHz / 16, 24, 32 bit) DSD (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	95 W
Dimensions (W × H × D)	430 × 148 × 428 mm (16-15/16 × 5-13/16 × 16-27/32 inch)
Weight	Approx. 12.7 kg (28 lbs)
Accessories	AC Cord, Remote Control, Batteries for Remote Control, Owner's Manual

Technics is a brand name of the Panasonic Corporation

Panasonic Consumer Electronics Company
Division of Panasonic Corporation of North America
Two Riverfront Plaza
Newark, NJ 07102-5490
(201) 348-7000

www.panasonic.com
www.technics.com

Design and specifications subject to change without notice.