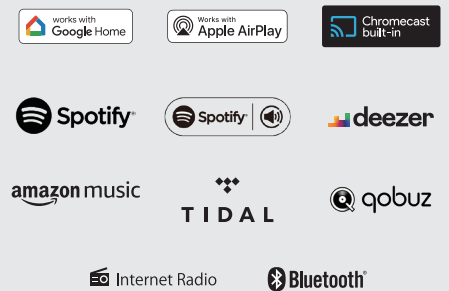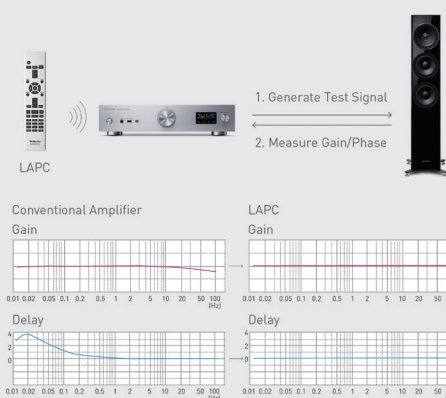Grand Class Network Audio Amplifier

SU-GX70

The definitive living room audio center that enables seamless enjoyment of video, audio, and music through next-level integration using Technics' fully digital technologies.

A heavily featured streaming amplifier that combines the sonic genes of Technics Grand Class components with a wealth of source functions, including video connectivity, the SU-GX70 Network Audio Amplifier easily integrates into the home hi-fi system with the inclusion of an HDMI ARC port.

Key Features

Newly equipped HDMI® ARC with JENO Engine

Fully digital amplifier with Technics technology. Digital processing, less prone to degradation, offers high resolution but soft texture. A Technics first, the JENO Engine (Jitter Elimination & Noise-shaping Optimization) in the HDMI® ARC (Audio Return Channel) reduces degradation in sound quality from jitter during transmission of digital audio signals (S/PDIF) for unequaled clarity in TV audio.

*For HDMI cables, 'Premium High Speed HDMI cable' is recommended.

Ideal Impulse Response through LAPC

A speaker impedance adaptive optimization algorithm, LAPC (Load Adaptive Phase Calibration), achieves ideal impulse responses with digital signal processing by measuring the amplifier's frequency amplitude-phase characteristics with speakers connected. This flattens the frequency characteristics of amplitude and phase, previously not achieved, while delivering a rich spatial expression.

Abundant Input Options, Diverse Network Functions

The SU-GX70 supports a variety of music sources including radio, analog input (PHONO (MM)/LINE), optical digital input (such as a TV), coaxial digital input, and USB input. Also, the SU-GX70 can play back high-resolution music wirelessly from a smartphone, tablet, or PC. It supports not only Bluetooth® and AirPlay2 but also Spotify Connect®, Internet radio and Chromecast built-in™ so that a wide range of music streaming services can be enjoyed with only the SU-GX70.

Grand Class Network Audio Amplifier

SU-GX70

-Silver

-Black

Specifications

Output Power		40 W + 40 W (1 kHz, T.H.D.1.0 %, 8 Ω, 20 kHz LPF)
		80 W + 80 W (1 kHz, T.H.D.1.0 %, 4 Ω, 20 kHz LPF)
FTC Output Power		40 W + 40 W (1 kHz, T.H.D.1.0 %, 8 Ω, 20 kHz LPF)
		60 W + 60 W (1 kHz, T.H.D.1.0 %, 4 Ω, 20 kHz LPF)
Load Impedance		4 Ω - 16 Ω
Frequency Response	PHONO (MM)	20 Hz - 20 kHz (RIAA DEVIATION ±1 dB, 4 Ω)
	LINE	20 Hz - 40 kHz (-3 dB, 4 Ω)
	DIGITAL	20 Hz - 80 kHz (-3 dB, 4 Ω)
Input Sensitivity / Input Impedance	PHONO (MM)	2.0 mV / 47 kΩ
	LINE	200 mV / 23 kΩ
Analogue Input Terminal		LINE ×2, PHONO (MM) ×1
Digital Input Terminal		Optical Digital ×2, Coaxial Digital ×1, USB-A ×1, USB-B ×1
Analogue Output Terminal		PRE OUT ×1
Digital Output Terminal		HDMI ARC
Headphone Output		● Stereo Ø6.3 mm (1/4")
USB-A	USB Audio Class Specification	USB 2.0 High-speed, USB Mass Storage class
	iPod / iPhone / iPad	—
	Support Codec	WAV (32, 44.1, 48, 88.2, 96, 176.4, 192, 352.8, 384 kHz / 16, 24, 32 bit)
		FLAC (32, 44.1, 48, 88.2, 96, 176.4, 192, 352.8, 384 kHz / 16, 24 bit)
		DSD (2.8 MHz, 5.6 MHz, 11.2 MHz)
		AIFF (32, 44.1, 48, 88.2, 96, 176.4, 192, 352.8, 384 kHz / 16, 24, 32 bit)
		ALAC (32, 44.1, 48, 88.2, 96, 176.4, 192, 352.8, 384 kHz / 16, 24 bit)
		AAC (32, 44.1, 48, 88.2, 96 kHz / 16-320 kbps)
		MP3 (32, 44.1, 48 kHz / 16-320 kbps)
PC (USB-B)	USB Audio Class Specification	USB 2.0 high-speed, USB Audio Class 2.0, Asynchronous mode
	Support Codec	LPCM (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 contol mode	ASIO Native mode, DoP mode
MQA Decorder		●
LAN (DMR)		WAV (32, 44.1, 48, 88.2, 96, 176.4, 192, 352.8, 384 kHz / 16, 24, 32 bit)
		FLAC (32, 44.1, 48, 88.2, 96, 176.4, 192, 352.8, 384 kHz / 16, 24 bit)
		DSD (2.8 MHz, 5.6 MHz, 11.2 MHz)
		AIFF (32, 44.1, 48, 88.2, 96, 176.4, 192, 352.8, 384 kHz / 16, 24, 32 bit)
		ALAC (32, 44.1, 48, 88.2, 96, 176.4, 192, 352.8, 384 kHz / 16, 24 bit)
		AAC (32, 44.1, 48, 88.2, 96 kHz / 16-320kbps)
		MP3 (32, 44.1, 48 kHz / 16-320 kbps)
Ethernet Interface		LAN (100 Base-TX / 10 Base-T)
Wi-Fi		IEEE 802.11a/b/g/n/ac/ax, 2.4 GHz / 5 GHz Band
Chromecast built-in		●
AirPlay 2		●
Bluetooth® (Support codec)		● (AAC, SBC)
Tuner		FM
Power Supply		AC 120 V, 60 Hz
Power Consumption		63 W
Dimensions (W×H×D)		430 mm × 98 mm × 368 mm (16-15/16 × 3-55/64 × 14-31/64 inch)
Weight		Approx. 6.6 kg (14.6 lbs)
Accessories		AC Cord, FM Indoor Antena, Remote Control, Batteries for Remote Control, Owner's Manual

Design and specifications subject to change without notice.

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