

## Technics SU-R1000E Silver Integrisano Pojačalo

Šifra: 18177

Kategorija proizvoda: Integrisana Pojačala

Proizvođač: Technics

**Cena: 779.880,00 rsd**

The phono input section and analogue input section feature a full-discrete circuit design. Technics has realised an ideal, symmetrical circuit layout and performed meticulous tuning. The new circuits prevent interference between the right and left channels and achieve excellent channel separation. Furthermore, the phono input section and XLR input section employ completely balanced transmission to ensure high-purity signal transmission with minimum effect of noise. The USB input circuit in the digital input section is equipped with a capacitor of high-quality ruby mica and a power conditioner with nonmagnetic carbon film resistors for blocking electrical noise e.g. from a PC and for minimising the effect of external noise. The A/D converter incorporates a high-performance chip made by Asahi Kasei Microdevices (AKM) for high-precision A/D conversion. Thus, the SU-R1000 reproduces outstanding sound quality from any analogue or digital input sources.

### JENO Engine

Jitter is a major cause of distortion in digital systems, and is caused by mis-timing in the master clocks used in digital-to-analogue conversion. To eliminate the degradation of sound caused by jitter, Technics has developed an original jitter reduction circuit, comprising a clock generator in the noise-shaping system to reduce jitter in the low-frequency range and a high-precision sample rate converter for suppressing jitter in the high-frequency range. Thus it reduces jitter in an ideal way over the entire frequency range. This works with original high-precision PWM (Pulse Width Modulation) conversion circuit, optimising the noise-shaping speed, the degree and re-quantisation number, and the PWM gradation, in order to convert high-resolution signals to PWM without causing any damage to the dynamic range. These technologies enable Technics digital amplifier designs to reproduce the natural and delicate nuances of music.

### Advanced Speed Silent Power Supply

The SU-R1000 uses a switching power supply system to ensure a stable supply of voltage and current required by the digital amp. In a conventional switching power supply system, the ON time of the switching operation was controlled in order to stabilise the voltage, and this causes the switching frequency to fluctuate according to the load, resulting in a modulation noise to affect the sound quality. The Advanced Speed Silent Power Supply has eliminated this noise by fixing the switching frequency in the 400kHz band. Furthermore, a Super Low Noise Regulator is provided in the later stage. This prevents the decrease of regulation resulting from the fixed switching frequency and impedes the mixing of noise component into high frequencies. The result is a high-response power supply that results in the best performance from the digital amplifier.

#### Accurate Digital Technology

JENO Engine (Jitter Elimination and Noise-shaping Optimisation)

#### Technics Definitive Design

High-rigidity Cabinet

### Technics SU-R1000E Silver Integrisano Pojačalo **High-grade Digital/Analog I/O Circuit**

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<b>FTC Output Power</b>	150W + 150W ( 1kHz, T.H.D. 0.5 %, 8Ω, 20kHz LPF ),
<b>Input Sensitivity / Input Impedance</b>	LINE 200 mV / 22 kΩ, PHONO (MM) 2.5 mV / 47 kΩ, PHONO(MC) 300uV /100Ω
<b>Frequency Response</b>	LINE 5 Hz-80 kHz (-3 dB, 8 Ω),
<b>Load Impedance</b>	4 Ω-16 Ω
<b>Analogue Input Terminal</b>	LINE x 2 (LINE 1, LINE2), LINE XLR BALANCED x1, PHONO (MM/MC) x1, PHONO XLR BALANCED(MC) x1, MAIN IN x1, REC IN x1
<b>Digital Input Terminal</b>	Optical digital x2 (OPT 1, OPT 2) , Coaxial digital x2(COAX 1, COAX 2), USB-B x2 (PC 1, PC 2)
<b>Analogue Output Terminal</b>	PRE OUTx1, REC OUT x1
<b>Headphone Output</b>	Yes, Stereo Φ6.3mm
<b>USB-DAC (USB-B)</b>	USB 2.0 high-speed ,USB Audio Class 2.0, Asynchronous mode
<b>Support Codec</b>	
<b>Power Supply</b>	AC 120 V ,60 Hz
<b>Power Consumption</b>	220 W
<b>Dimensions (W x H x D)</b>	430 mm x 191 mm x 459 mm
<b>Weight</b>	Approx. 22.8 kg
<b>Accessories</b>	Remote Control, Calibration Record, AC Cord, Owner's Manual