

Sparkler Audio

<http://sparkler-audio.com>

model S305: *pianoforte*

Stereo Headphones/Line Amplifier



Front panel is illuminated through Japanese paper “washi” when powered on.

NEXT STEP

Since we designed model 0147/0247 from **47 Treasure**, we have developed this amplifier to improve reproduction sound derived from model 0247 to be more natural and rich. To be simple is a most important thesis to make the sound clear and transparent. The next step is done. Now we can recommend this headphones/line amplifier for all audiophiles loving music.

FEATURES

- Very quiet (high S/N), vivid, smooth and rich sound, real reproduction.
- High quality audio volume potentiometer (ALPS), mechanical selector switch.
- Fully discrete design, using made in Japan selected and matched pair complementary semiconductors.
- Current feedback, high speed op-amp architecture with no IC component is used.

- Discrete regulators for quiet and relaxed sound with EI core (better than toroidal core) transformer and Schottky rectifiers.
- With these circuit design, extraordinary and incredible high resolution sound can be created!
- Has CR type LPF (low pass filter) to block radio frequency interference.
- Convenient attenuate/mute function.
- By selecting attenuation level (0dB/-10dB/-100dB), volume control can be easily for variety of headphones sensibility.
- Most of the dynamic type headphones in the market can be driven until 115dB SPL (*ff* fortissimo, 8-600Ω load).
- Remarkable transparent line pre-amplifier output from RCA pin jacks.



Inclined chassis makes it easy to operate



line input/output from RCA pin jacks

SPECIFICATIONS

POWER SUPPLY:	Worldwide, depend on market (IEC 3 pin AC inlet) AC100V, AC110-120V, AC220-240V (factory assembled)
POWER CONSUMPTION:	less than 8W
INPUT SOURCES:	RCA pin jack (unbalanced) x3, selectable
INPUT IMPEDANCE:	20kΩ
S/N:	very quiet (under measurement limit)
VOILTAGE GAIN:	about 15dB (x5.7)
ATTENUATE/MUTE:	0dB (high gain), -10dB (low gain), -100dB (mute)
FREQUENCY:	5Hz-120kHz (-3dB)
HEADPHONE OUTPUT:	stereo headphone jack (φ6.3mm standard plug) x1
HEADPHONE LOAD:	8-600Ω, max 400mW (115dB SPL@1kHz)
LINE OUTPUT:	RCA pin jack x1, 16V _{p-p} (600Ω load)
DC OFFSET:	less than 10mV
SIZE:	W140 x H86 x D140mm
WEIGHT:	1.52kg (without power cable)
OPERATIONS:	power switch, input selector, attenuate/mute switch, volume control
ACCESSORIES:	power cable for IEC 3 pin AC inlet, alternate fuse, user's manual

HOWTO ORDER?

You can see our product information on our web-site. If you are interested in our products, please send

your request by e-mail to

info@sparkler-audio.com

Include your country/region and we can direct you to your local distributor and how to purchase our products. You can use PayPal for your shopping.

DEVELOPMENT/MANUFACTURE/SALES

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