

Static Induction Transistor (SIT)  
Stereo/BTL Power Amplifier

# B-1a

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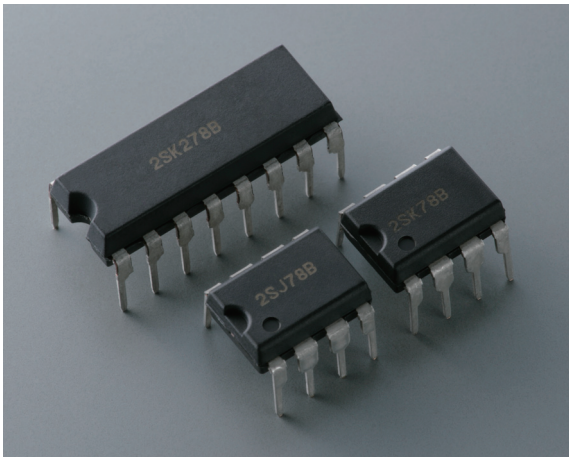


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# B-1a

## Static Induction Transistor (SIT) Stereo/BTL Power Amplifier



Static Induction Transistors, input and driver: 2SK278B, 2SK78B, 2SJ78B



Static Induction Transistor, output: 2SK77B

By utilizing our very own manufactured semiconductors (SIT) we have designed and produced an amplifier with outstanding sonic qualities.

From input to output the audio signal passes only through our SITs, ensuring any distortion products are even harmonic related; these are more acceptable to the ear than odd harmonics.

Every part of this amplifier speaks quality: from the discrete amplifier circuit, fast high current power supply, OFC circuit boards, silver internal wiring, copper heatsink, low resonance milled chassis to the overall cosmetics.

Our output devices (2SK77B) are packaged in very low resonance and very low thermal resistance cases, and are secured to a large pure copper gold plated heatsink. This provides a very fast heat transfer which reduces thermal induced distortions to a minimum.

Each B-1a can be configured as a 'mono' Bridge (BTL) amplifier, thus increasing power output. A pair of B-1a can be physically coupled to form a single elegant looking enclosure.



Made in Hamamatsu, Japan  
Stereo Bridged B-1a amplifiers,  
physically joined by optional chassis coupling brackets.

Channels	:2 single ended or 1 bridged floating
Output Power	:2x 150W/4Ω or 1x 300W/4Ω bridged
Inputs	:1 XLR balanced, 1 RCA unbalanced
Input sensitivity	:XLR 0.76V RMS, RCA 0.76V RMS (bridged 0.55 V RMS)
Input Impedance	:XLR 10kΩ, RCA 10kΩ
Level Adjustment	:2 rear panel controls, 1 master stereo front panel control
Frequency response	:DC ~ 100kHz +0, -3dB
Dynamic Range	:120dB
S/N	:125dB (A) ref full power
THD+N	:0.005% @ 1kHz/150W/4Ω
Residual noise	: -88dB ref. 2.83V RMS
Crosstalk	: < -125dB ref. full power 20Hz ~ 20kHz
User Controls incl. remote	: Input selector, Volume level
AC Voltage	: 100V AC 50/60Hz
AC power consumption	: 263W
Dimensions	: W 8.6 inch (218mm) x D 21.7 inch (550mm) x H 7.0 inch (176mm)
Weight	: 24kg

The maker reserves the right to alter the specifications without notice.



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