

**SIT Line Controller SLC-021****Specifications**

- ◆ Input/Output : 3-Input/ 1-Output (Pin Jack Each)
- ◆ Mains voltage : AC230V
- ◆ Power consumption : 13W
- ◆ Dimensions : 370(W)×140(H)×360(D) mm
- ◆ Weight : 10kg

The very amplifier that uses the orthodox method of the simplest circuitry removing all the unnecessary functions for the supreme purpose to derive the full potential of the SIT devices, thus finally realising the life-like music reproduction.

The magnificent achievement under the thesis "the simple is best" with lavish application of select, high-quality components was to transmit the source signals in an active manner to the power amp without impairing the original dynamism.

Unnatural colouration caused by many of contemporary, sophisticated circuitry does not elude human ears.

**SIT / OTL Power Amplifier SD-013****Specifications**

- ◆ Rated output : 130W + 130W (8Ω)
- ◆ Input sensitivity : 1000mV
- ◆ Input impedance : 100kΩ (unbalanced)
- ◆ Output impedance : 0.5Ω (unbalanced)
- ◆ Frequency response : 20Hz~20kHz
- ◆ THD : less than 0.1% (20~20kHz)
- ◆ Idling current : 300mA
- ◆ Stand-by wattage : 100W
- ◆ Accessory : output wattage meters
- ◆ Mains voltage : 110V, power consumption 200W
- ◆ Dimensions : 430(W) × 363(D) × 197(H) mm
- ◆ Weight : 42kg

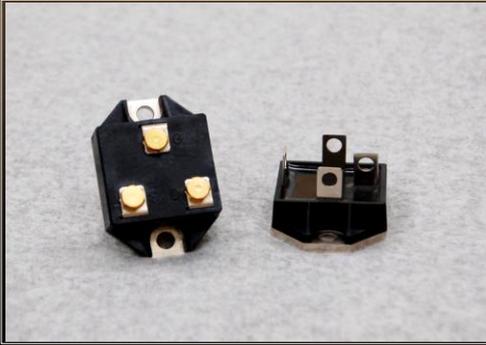
The OTL amp having the "close-to-zero" output impedance feeds its full capability direct to speakers.

But highly dexterous technique and deepest knowledge are required to design and build up mighty power supply, unconditionally stable circuitry, etc.

You will undergo a life-long unforgettable experience of listening pleasure once you audition its intrinsic natural sounds with thick, opulent midrange, overwhelming bass and impressive treble timbres.

The OTL amp composed of the SIT's offers truly natural atmospheres with utter high-speed response, which makes it possible to represent an unprecedented wide and deep soundstage comparable to that of concert hall.

The peerless harmony realised for music reproduction!



## SIT / Static Induction Transistor

The sole, pure Japan-born semi-conductor developed by Dr. J. Nishizawa, ex-president of Tohoku University and world-known authority of metal engineering which utilises induction effects of statics makes it possible to treat large current under low electricity consumption : Its reduction capability of channel resistance to the absolute minimum assures low inner resistance, high speed and low energy loss, thus realising signal amplification totally faithful to signal wave-forms.

### 〈 Outstanding Features 〉

1. Inherent characteristics common to those of direct-heated triode valves help lower odd numbered THD.
2. Equal- $\mu$  characteristics offering superb linearity reduce voltage amplification distortion.
3. Large voltage amplification ratio ensures low-voltage operation.
4. Excellent treble characteristics extend gain bandwidth, thus lowering phase distortion.
5. Intrinsic low noise removes additional inner-generated amplification noise.
6. Low output impedance affords good transformer output.
7. Semi-permanent lifetime eliminates time-lapse deterioration.
8. Strong resistance to heat generation makes amp hard to burn, thus keeping basic performances unchanged even under fluctuations of ambient temperature and free from sonic degradation.

Thanks to the above-mentioned advantages, the SIT amps dispense with the distortion-reduction circuitries at various signal-processing stages of NFB, different time-axis, etc. All the Maxonic amps boasting of N-type, NFB-free configuration at every stage employ none of complimentary circuits, thus thoroughly preventing signal deterioration in the treble range.

It is the Maxonic amp composed of the simplest circuitry with the select SIT's that reproduces the recorded signals of music sources as they are: nothing added, nothing subtracted, without alteration and colouration.

All the Maxonic products to say nothing of the amps vaunt of so-called "Antique-Art" treatment of enforced oxidised film resistant to secular change at the front surface panel, which provides unique feeling and impression differentiated from others conjointly with the engraved logo-mark. Subtle differences in the patterns given during the treatment process make every unit unique and exclusive to the owners.

**SD-013**  
Block Diagram

