



## SA-230/SW - Amplifier

482 mm  
19"  
TABLE  
TOP  
UNIT  
2x50  
WMAX



**Universal stereo mixing amplifier** Sing along! The clearly arranged user surface of the SA-230/SW makes listening to music and especially making music really enjoyable. One of the three stereo line sources at a time and three mono microphone sources can be mixed together without any problems. When combined with special karaoke CDs or DVDs, features like "one-touch karaoke" or "vocal partner" are available. An adjustable digital echo can be added to the microphone channels as an effect. The fanless cooling concept of the amplifier ensures a silent operation. The latest protective circuits provide protection against overload, overheating and short circuit.

- 100WMAX
- Silent operation due to fanless cooling concept
- 3 stereo line inputs
- 3 mono microphone inputs on the front panel, each with gain control
- Adjustable digital echo for the microphone inputs
- Karaoke feature
- Vocal partner feature
- LEDs for level control and active line inputs
- Controls for volume, bass, treble, balance and digital echo
- Stereo record output
- 482mm (19") rack installation, 1RS, with supplied mounting brackets



## Technical data:

### Output power

Max. power :  $2 \times 50W_{MAX}$

RMS power :  $2 \times 25W_{RMS}$

Stereo 4 Ohm :  $2 \times 20W_{RMS}$

Stereo 8 Ohm :  $2 \times 10W_{RMS}$

### General information

Inputs : 175mV/8k Ohm (line) 2.5mV/3.5k Ohm (mic)

Frequency range : 20-20,000Hz

S/N ratio : 62dB

Digital echo : 200ms

Equalizer : bass:  $\pm 10$ dB treble:  $\pm 10$ dB

Power supply : 230V~/50Hz/150VA

Admiss. ambient temp. : 0-40 °C

Dimensions : 432x45x275mm

Weight : 4kg

**Connections** : line: RCA L/R mic: 6.3mm jack rec.: RCA L/R  
speaker: spring-load. speaker term.