

# Soundcraft GigRac 300, GigRac 600 and GigRac 1000st Compact Powered Mixers



Soundcraft's GigRac is an integrated mixer/amplifier which makes live sound easily portable. With eight input channels it makes background music, small band and ensemble performances, solo performances, and announcements quick and easy to connect. With loudspeakers, the GigRac can deliver sound that is accurate and good quality. Soundcraft's GigRac is also suitable for tours and festivals thus meeting all of your portable sound needs.

Provided in the GigRac system are high-quality microphone preamps to make your voice clear and effective, a 2-band EQ to cope with demanding sources, a 7-band graphic EQ designed by professional audio industry leader BSS Audio, and a selection of preset digital effects to give you more stage presence and impact.

There are three versions of the GigRac, a mono version called the GigRac 300 which includes one 300 watt power amplifier, and the stereo version, GigRac 600, which has two 300 watt power amplifiers. All other features mentioned are the same for the GigRac 300 and 600 versions.

The GigRac 1000st has 3-band EQ for each channel, a stereo 7 band graphic EQ for the main outputs and a 7 band mono EQ for the monitor output. It includes two built in 500 watt power amplifiers.



**GIGRAC**  
1000<sup>st</sup> 

## Features:

- 8 Microphone Inputs
- 48V Phantom Power for condenser microphones (Inputs 1-4 only)
- PAD buttons to control loud, low input signals (Inputs 1-4 only)
- 4 Stereo compatible inputs
- Treble and Bass EQ for each channel (1000st also has Treble, Mid and Bass)
- 1 Monitor volume control per channel
- 1 Main volume control per channel
- Individual send controls for GiGFX on each channel
- 7 Band Graphic Equalizer (300 - Mono, 600 - stereo, 1000st - stereo mani + mono monitor)
- 8 x Digital Effects (24 Bit/48 kHz) (1000st has 10 x Digital Effects)
- Record Output
- FX bypass switch
- FX bus output socket
- Submix input
- Amplifier 'Clip' warning light (1000st has 2)
- 10 segment LED output level mete (1000st has 2)
- Rack-mountable

## Specifications:

### Noise

- EIN 150 ohms 20 –22kHz ..... -123 dBu
- Main out Level control mid ..... -78 dBu
- Mon out Level control mid ..... -80 dBu
- Amp out ..... -57 dBu

### Crosstalk

- Main cutoff ..... -80 dB
- Mon cutoff ..... -80 dB
- Frequency Response
- 20 – 22Khz rel 1kHz Line in to Main out..... +0.2/-2.5 dB

### THD+N

- Mic I/P, –20dB, Pad 0dBu, I/P at Main out(22Hz-22kHz).... 0.15%
- Mic I/P to Amp Out at full power 22-22kHz..... 0.15%

## **INPUTS CH1 – CH4**

Mic Input Impedance ..... 5.5 k ohms  
Line Input Impedance ..... 30 k ohms  
Max Input Mic ( 20dB pad ) ..... -3.5 dBu  
Max Input Line( 20dB pad ) ..... 10 dBu  
Max Mic gain to main out ..... 60 dB

## **INPUTS CH5 – CH8**

Mic Input Impedance ..... 2.4 k ohms  
Line Input Impedance ..... 40 k ohms  
Max Input Mic ..... -18 dBu  
Max Input Line ..... 3 dBu  
Max Mic gain to main out ..... 50 dBu

## **OUTPUTS**

Max out main / mon ..... 18dBu  
Power Output Gigrac 300 ..... 300W into 4 ohms  
Power Output Gigrac 600 ..... 2 X 300W into 4 ohms  
Power Output Gigrac 1000st ..... 2 X 500W into 4 ohms

## **CONNECTORS**

(All Jacks are ¼")

Mic: Balanced XLR combination connectors/ Balanced jack combination connectors

Line: Balanced Jack / combination connectors / Unbalanced RCA phono

FX bus output: Impedance Balanced Jack

Submix in: Unbalanced Jack

Main out: Impedance Balanced Jack

Monitor out: Impedance Balanced Jack

Record out: unbalanced RCA phono

Phones: Jack

Speakers: Speakon (pins +1 and -1) and Jack

## **DIMENSIONS (WITH LID ON)**

Gigrac 300, 600 - 495mm x 222mm x 322mm (19.5" x 8.75" x 12.7")

Gigrac 1000st - 495mm x 267mm x 334mm (19.5" x 10.5" x 13.2")

## **WEIGHT**

GigRac 300 ..... 11.5kg/25lbs

GigRac 600 ..... 12.7kg/28lbs

Gigrac 1000st ..... 12kg/26.4lbs