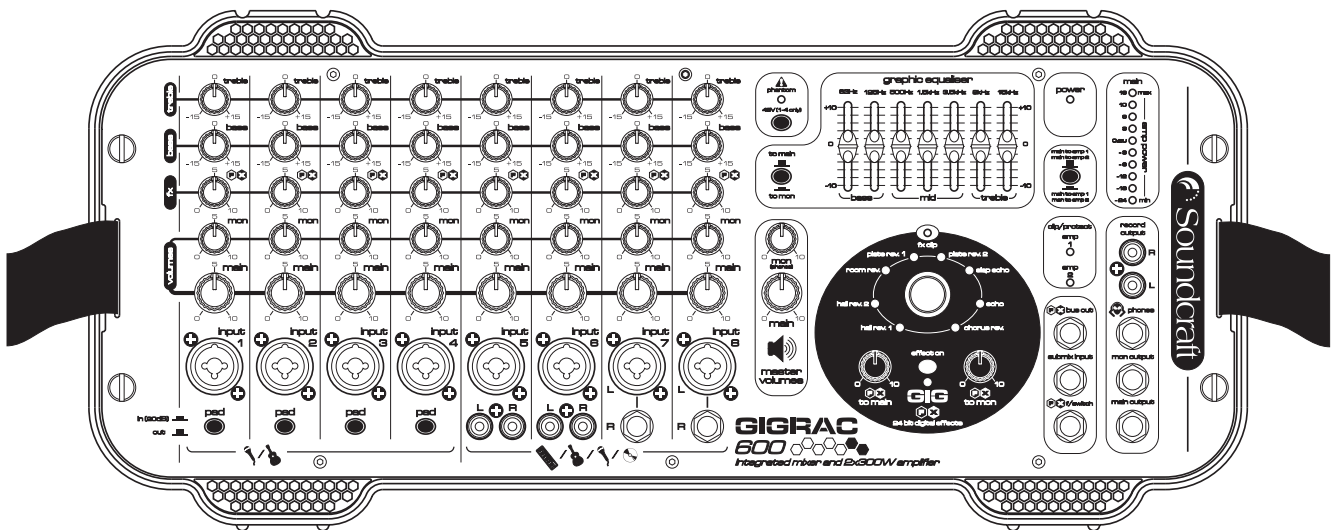

Technical Data

GIGRAC

300 & 600



Features

8 Microphone Inputs

48V Phantom Power for condenser microphones (Inputs 1-4 only)

PAD buttons for controlling loud input signals (Inputs 1-4 only)

4 Stereo compatible inputs

Treble and Bass controls

Individual volume controls on each channel for Monitor level.

Individual volume controls on each channel for Main level.

Individual send controls for GiGFX on each channel

7 Band Graphic Equaliser

8 x Digital Effects (24 Bit/48 kHz)

Record Output

FX bypass switch

FX bus output socket

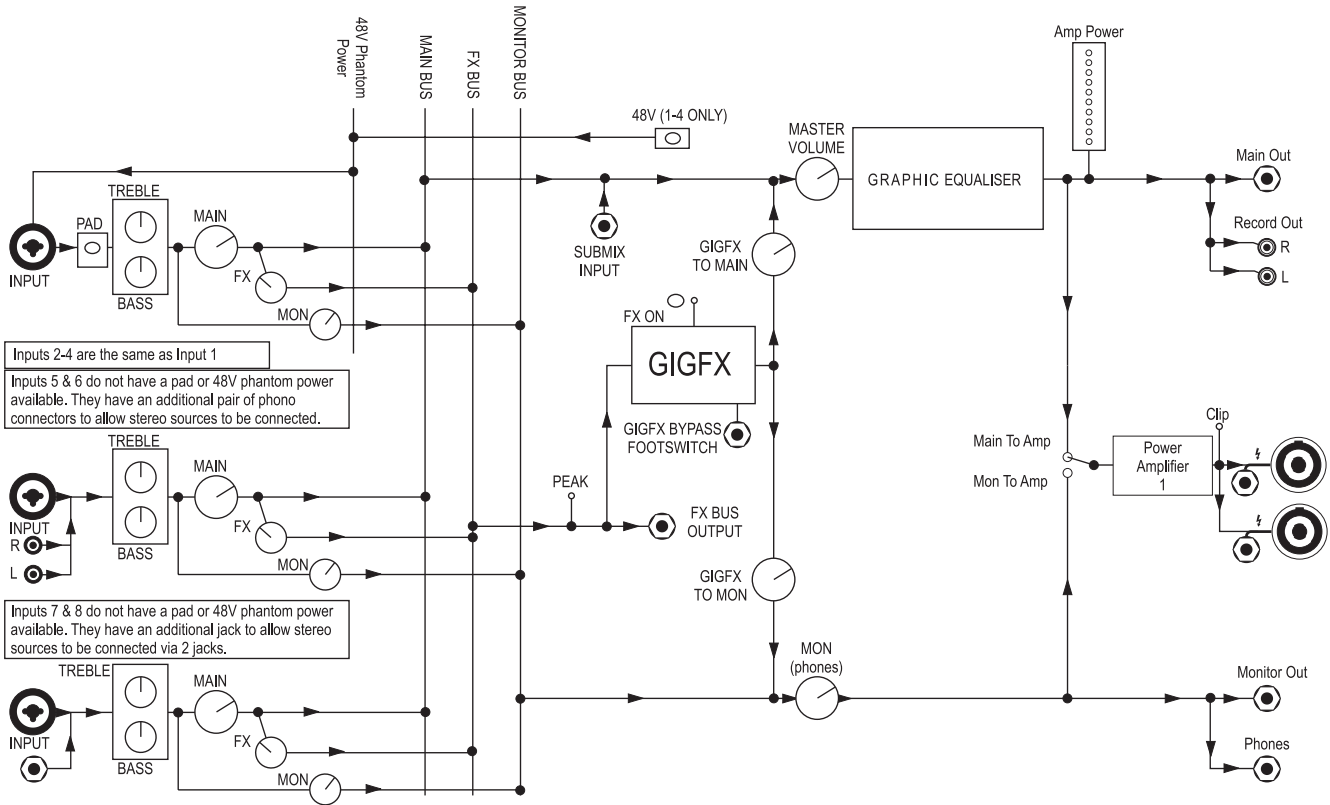
Submix input

Amplifier 'Clip' warning light

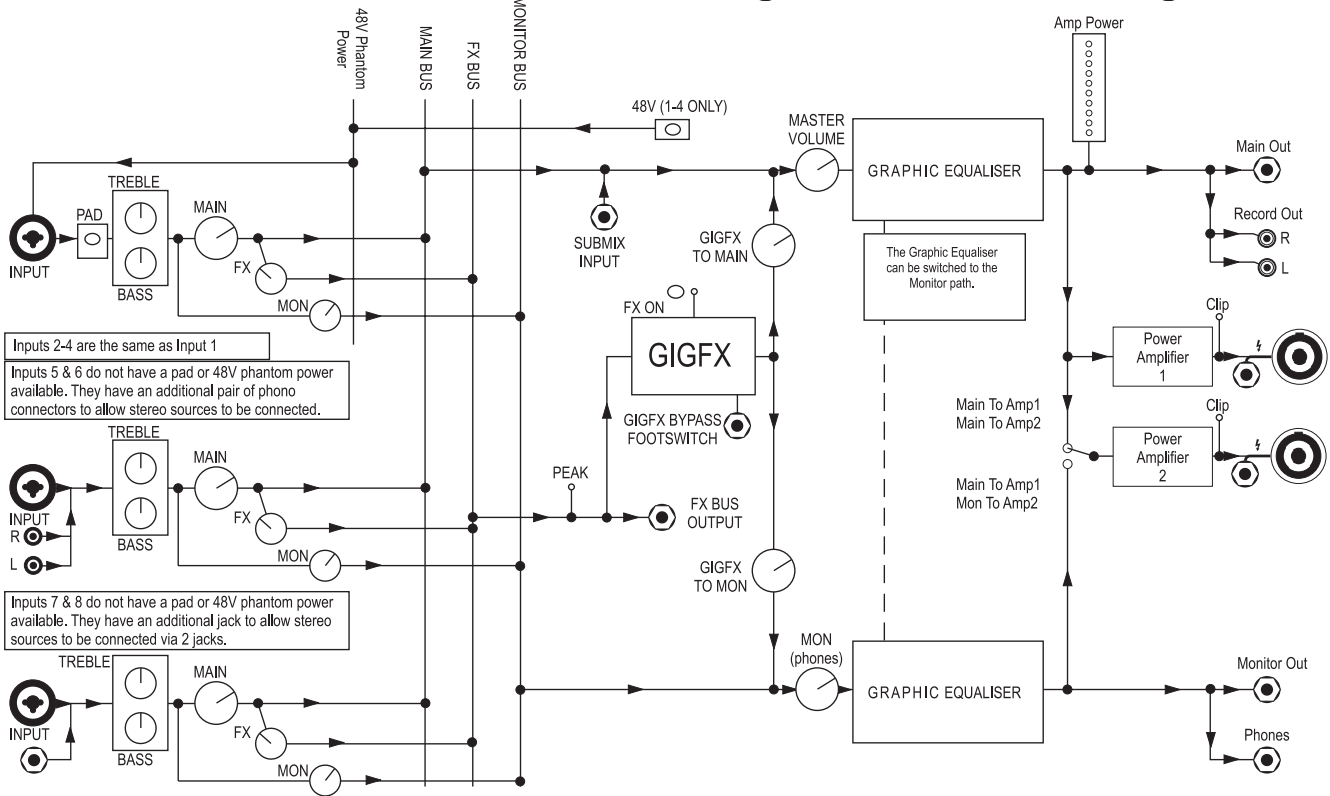
10 segment LED output level meter

Rack-mountable

GigRac 300 Block Diagram

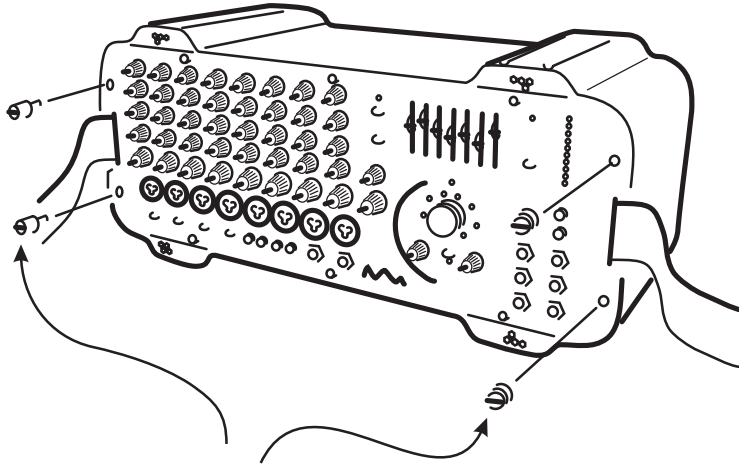


GigRac 600 Block Diagram

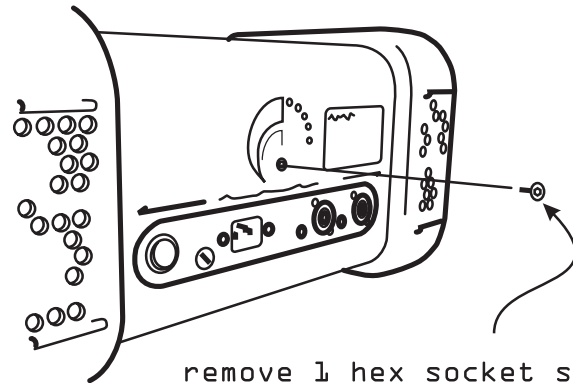


Rackmounting Your GigRac

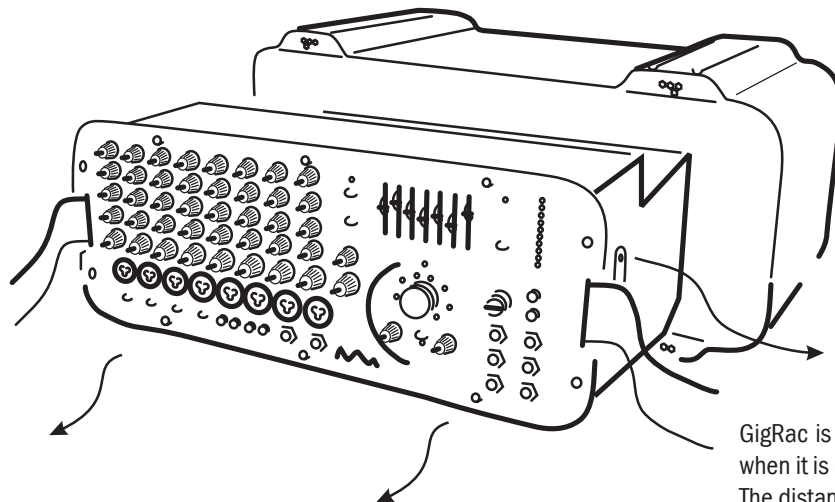
The GigRac 300 and 600 can be rack mounted into a standard 19" rack. This is useful for fixed installations or for applications where the GigRac might need to be installed into a portable 19" rack along with other equipment.



remove 4 rack bolts



remove 1 hex socket screw



remove gigrac from case.
Remove 4 screws that secure strap to side panels and remove strap.
Gigrac is now ready for rack mounting.

GigRac is 4 Rack Units (U) high when it is removed from its case. The distance from the rear of the rack ear to the rear of the GigRac is 199.3mm (7.85").



Technical Data

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 @ full power 22-22kHz	0.15%

INPUTS CH1 - CH4

Mic Input Impedance	5.5 kΩ
Line Input Impedance	30 kΩ
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 kΩ
Line Input Impedance	40 kΩ
Max Input Mic	-18 dBu
Max Input Line	3 dBu
Max Mic gain to main out	50 dB

OUTPUTS

Max out main / mon	18dBu
Power Output Gigrac 300:	300W into 4Ω
Power Output Gigrac 600:	2 X 300W into 4Ω

CONNECTORS

(All Jacks are 1/4")

Mic: Balanced XLR combi connectors/ Balanced jack combi connectors

Line: Balanced Jack / combi connectors / Unbalanced RCA phono

FX bus output: Impedance Balanced Jack

Submix in: Unbalanced Jack

Main out: Impedance Balanced Jack

Mon out: Impedance Balanced Jack

Record out: unbalanced RCA phono

Phones: Jack

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

DIMENSIONS (WITH LID ON)

495mm x 222mm x 322mm

19.5" x 8.75" x 12.7"

WEIGHT

GigRac 300	11.5kg/25lbs
GigRac 600	12.7kg/28lbs

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