



CONTROLLER



SV-204 >>>> 2 In - 4 out

SV-306 >>>> 3 In - 6 out

SV-408 >>>> 4 In - 8 out



key features

- 96kHz sampling ratio
- 32 bit processing
- 24 bit A/D and D/A converter
- network compatible RS 485
- up to 250 controller in one network
- delay time adjustable up to 1000ms
- 30 internal presets
- unlimited preset library on PC
- advanced and convenient PC software
- self-explaining simple menu guidance
- password lock function available
- network socket 2 x RJ-45 (rear panel)
- USB socket (front panel)
- optional WIFI converter WT-1 available
- optional RS 485 converter IF-485 available

input functions

Input mute *each channel separately

Input gain -80dB to +12dB in 0,2 dB steps

Input delay adjustable from 0 -1000ms

0 to 10ms in 21 μ s steps / 10ms to 20ms in 84 μ s / 20ms to 1000ms in 0.5ms

Input polarity switchable \pm

Input EQ

6 adjustable full parametric EQ available at each input channel

filter frequency adjustable from 20Hz to 20kHz

bandwidth adjustable from 0.05 oct. to 3oct.

gain adjustable from -20dB to +20dB in 0.1dB steps

Input compressor

threshold -40dBu to +20dBu in 0.5 dB steps

compression ratio adjustable from 1:1 to 20:1

in 0.1 steps from 1:1 to 2:1 in 0.5 steps from 2:1 to 20:1

response time adjustable from 0.3ms to 200ms

in 0.1ms steps from 0.3ms to 1ms in 1ms steps from 1ms to 200ms

release time adjustable from 50ms to 5000ms in 1ms steps

Input expander

threshold -40dBu to +20dBu in 0.5 dB steps

expansion ratio adjustable from 1:1 to 1:20

in 0.1 steps from 1:1 to 1:2 in 0.5 steps from 1:2 to 1:20

response time adjustable from 0.3ms to 200ms

in 0.1ms steps from 0.3ms to 1ms in 1ms steps from 1ms to 200ms

release time adjustable from 50ms to 5000ms in 1ms steps

technical specification

sample rate	96kHz
processing	32bit
input impedance (balanced)	20k Ω
input impedance (unbalanced)	100 Ω
CMRR (common mode rejection)	>80dB
max. Input level	+25dBu
frequency response	20Hz to 20kHz
S/N R	≥ 100 dB (1kHz/0dB signal level)
THD	<0.002% (1kHz/0dB signal level)
crosstalk	>89dB
AC-Voltage *switchable	110V*/230V (50/60Hz)
max. power consumption	25W
dimension (w/h/d)	19" / 1RU / 263mm
weight	4.5kg

output functions

output mute *each channel separately

output gain -80dB to +12dB in 0,2 dB steps

output delay adjustable from 0 -1000ms

0 to 10ms in 21 μ s steps / 10ms to 20ms in 84 μ s / 20ms to 1000ms in 0.5ms

output polarity switchable \pm

output EQ

6 adjustable full parametric EQ available at each output channel

the filter characteristic of each filter can be selected

as Low-shelf, High-shelf or PEQ parametric EQ

PEQ filter frequency adjustable from 20Hz to 20kHz

PEQ bandwidth adjustable from 0.05oct. to 3oct.

PEQ gain adjustable from -20dB to +20dB in 0.1dB steps

Low-shelf and High-shelf slew rate switchable 6dB/oct or 12dB/oct

Low-shelf and High-shelf filter frequency adjustable from 20Hz to 20kHz

Low-shelf and High-shelf gain adjustable from -20dB to +20dB

output compressor threshold -40dBu to +20dBu in 0.5 dB steps

compression ratio adjustable from 1:1 to 20:1

in 0.1 steps from 1:1 to 2:1 in 0.5 steps from 2:1 to 20:1

response time adjustable from 0.3ms to 200ms

in 0.1ms steps from 0.3ms to 1ms in 1ms steps from 1ms to 200ms

release time adjustable from 50ms to 5000ms in 1ms steps

output limiter threshold -40dBu to +20dBu in 0.5 dB steps

attack time adjustable from 0.3ms to 200ms in 0.1ms steps

in 0.1ms steps from 0.3ms to 1ms in 1ms steps from 1ms to 200ms

release time adjustable from 50ms to 5000ms in 1ms steps

crossover

LPF and HPF can be set into each output channel

selectable filter types: Linkwitz-Riley, Bessel, Butterworth

filter frequency can be set between 20Hz and 20kHz

available slew rates: 12dB/oct. 18dB/oct. 24dB/oct. 30dB/oct.

36dB/oct. 42dB/oct. 48dB/oct.