

GainStation 8 Model 2383



The GainStation 8 offers a completely new, up to date preamp concept fulfilling today's demands on a recording frontend—and making high-end sound quality more affordable than ever before.

A main advantage of the GainStation 8 is the combination of separately controllable solid state and tube preamps. This ensures broadest flexibility for any application, as the whole bandwidth from clean, consistent preamplification to variable tube sound is covered.

The specifications of the GainStation 8 excel even the latest high resolution digital formats such as SACD and DVD-A:

200 kHz frequency range at -0.3 dB decay for all gain settings, 125 dB dynamic range at 30 dB gain and an output level of up to +34 dBu (balanced) outline its outstanding performance—and ensure a safe investment.

Applications

- Sophisticated microphone and instrument preamplification
- Tube saturation for sound variations (tube harmonics; rich sounds, more punch and loudness with keyboards/synths, drums, guitars/basses, samples etc.)
- Premium frontend for DAW users (Pro Tools, Logic, Cubase, Nuendo etc.) with 8 track recorders: huge variety of sounds, vintage-sounds at wish
- Laptop recording: The very compact format allows for flexible and portable applications, e. g. laptop + GainStation 8 for a complete drum kit recording
- Pop/rock recording: High-end alternative for console preamps to extend the sound quality and variation potential for excellent single track recordings
- Acoustic/orchestra recordings: The all discrete, Class-A solid state preamp fulfills highest demands with sound neutrality, low noise and high dynamic range specs.

Microphone Input

Dynamic, condenser or tube microphones can be connected to the MIC input. It can also be used as a balanced connection for equipment with a maximum output level of +20 dBu.

Instrument Input

The exceptionally low noise HI-Z/Line Input is for electric guitars and basses or other high-impedance, line-level signals such as keyboards, samplers, drum machines etc. with unbalanced outputs.

Tube Stage

The gain values of the tube stage range up to +26 dB. It can entirely be switched off or allows infinitely variable additions to the solid state preamplification for a wide variety of sounds.

Special Features

- 3-way impedance switch to match with all microphone types (200 Ohm, 1,2 & 10 kOhm)
- Peak limiter to control the peak level and FET limiter (combined with the tube stage) for a more compressor-like limiting characteristic
- Custom-designed and built, fully discrete, class A opamps (no off-the-shelf stuff here). The GainStation's opamps feature 60-Volt operating voltage—twice as high as most common op-amps—for an incredible dynamic range.
- All switching functions are handled by encapsulated relays with gold-plated contacts.

Control elements

- Output level control (-26 dB to +6 dB)
- Entirely passive highpass filter (12dB/octave at 50 Hz)
- Phase: Inversion by relay before preamp stage
- Phantom: High-grade 48 V supply
- LEDs: five step level meter, the LEDs accommodate illumination infinitely variable for intermediate values
- Clip-LED: displays overload of the solid state stage

