



GS-6 DIGITAL GUITAR SOUND SYSTEM

A New All-Digital Domain Guitar Sound System Featuring a Digital Preamp and Effects Processing

The GS-6 is a new rack-mountable guitar preamplifier which utilizes advanced DSP technology to produce accurate and powerful sounds suitable for performance and studio applications. The GS-6 produces a wide variety of guitar tones ranging from intense overdrive to clean, pure tones.

- Developed using results of detailed analyses of tube guitar amps, the GS-6's DSP technology realistically simulates the characteristics of a tube amplifier's natural overdrive sounds. Three volume controls make it easy to create various sounds ranging from warm and clean to maximum over-drive.
- The digital overdrive features a Drive Selection control which offers a choice of eight overdrive modes to simulate the characteristics of different amps.
- A built-in 3-band equalizer with a variable mid-frequency control provides considerable tonal variety.
- All parameters (except gain and output level) are programmable and up to 64 patches may be saved. The optional FC-100 MKII foot controller allows you to switch patches instantly.
- The GS-6 is a comprehensive and complex preamplifier, yet operation is simple because the GS-6's programmable preamp section allows you to edit your settings and parameters in real-time using the unit's control knobs.
- Built-in effects include digital reverb (eight types), digital delay with stereo panning, and digital chorus (four modes, stereo outputs). All effects or any desired combination of effects may be used simultaneously.
- A built-in hum canceller and noise suppressor eliminate all guitar or equipment noise, even at maximum gain settings.
- MIDI In/Out connections are included for sending and receiving program changes to or from external MIDI instruments. GS-6 sound data may be backed up using MIDI Bulk Dump/Load.
- Outputs feature balanced XLR connectors and unbalanced phone jacks which can be used simultaneously.

Specifications

- **Controls:** • Programmable Preamp: Drive Selection 1-8 (Dry, Solid, Warm, Hard, Metal, Heavy, Special 1, Special 2), Pre Drive, Post Drive, Master Volume, Bass, Middle Frequency, Middle Level, Treble • Reverb: Reverb Selection 1-8 (Room x 2, Hall x 2, Plate x 2, Spring x 2), Pre Delay, Reverb Time, Equalizer, Level • Delay: Delay Time (1—999ms), Panning, Feedback, HF Damp, Level • Chorus: Chorus Mode 1-4 (Mono, N+CA/N-CA, N+CA/N+CB, N/CA), Pre Delay, Feedback, Rate, Depth • Noise Suppressor: Threshold Level 1-5 • Hum Cancel: Cancel Frequency (35.0—80.0Hz)
- **MIDI:** MIDI Patch Select No., MIDI Channel, Omni On/Off, Volume Control On/Off, Mute Control On/Off • **Level Controls (Unprogrammable):** Input gain (L,M,H), Output level • **Memory:** 64 (Bank x 8, Number x 8)
- **Switches:** • Front panel: Power, Write, MIDI/Effect Copy, Value, Manual • Rear Panel: Select (RRC In or MIDI In) • **Jacks:** Input, Output A (Mono Phone Unbalanced), Output B (Phone Unbalanced), Line Out A (XLR Balanced), Line Out B (XLR Balanced), Memory Shift, RRC In, MIDI In, MIDI Out • **A/D/A Conversion System:** 16-bit Linear • **Sampling Rate:** 32kHz
- **Dimensions:** 482(W) x 44(H) x 340(D)mm (19" x 1 3/4" x 1 33/64")
- **Weight:** 4.2 kg (9 lbs. 4 oz.) • **Options:** FC-100 MKII, DP-2, FS-5U (BOSS)

