

ROCKMAN GUITAR COMPRESSOR

OPERATING MANUAL





TABLE OF CONTENTS

	Page
Front Panel Overview	2
General Operating Instructions	3
In/Out Connections	4-5
Detailed Function Descriptions	
Lead Leveler Boost	6
Sustain/Compression Switch	6
Mode Switch	6
Treble Boost	7
Output Volume	7
Footswitching	7
Specifications	8
Warranty	9
Loaner Program	10



Front Panel Overview

Lead Leveler™ Boost:

LED indicates that the Lead Leveler™ solo compression circuit has been activated by the rear panel footswitch jack. ATTENTION: Use Lead Leveler™ gain boost only when going into a high gain distortion circuit or device. Otherwise excessive noise and poor sound quality will result.

Gain Reduction:

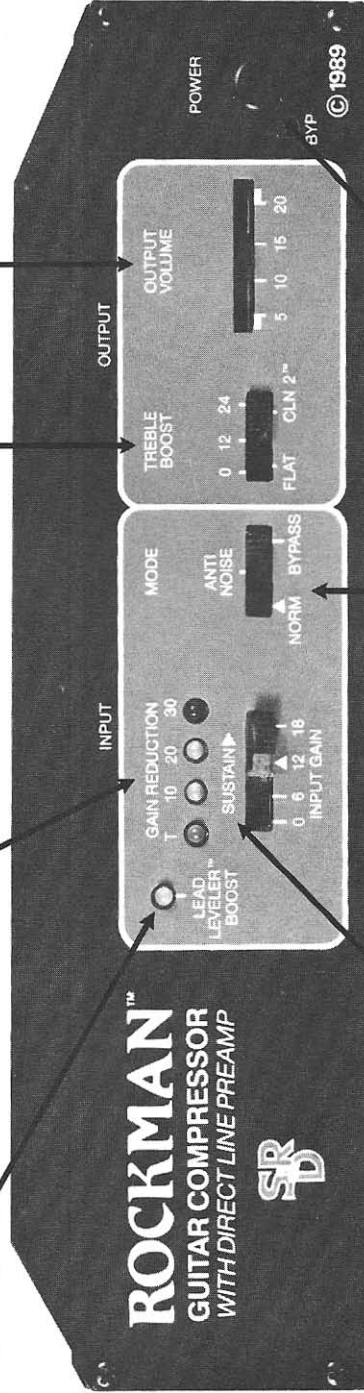
LEDs indicate amount of gain reduction or sustain. "T" indicates threshold of compression.

Treble Boost:

Provide overall treble control. The +24 setting duplicates the famous Rockman CLN 2™ clean sound.

Output Volume:

Slider adjusts master output level.



Sustain:

Switch controls amount of compressor sustain and on-stage feedback. NOTE: Reduce setting to prevent feedback at loud stage volumes.

Mode Switch:

Allows three operating modes to be selected. ANTI-NOISE position activates noise reduction circuit. NORM position selects normal compression mode. BYPASS indicates bypass mode. BYPASS can also be activated from the rear panel bypass footswitch jack.

Power:

If no LEDs are lit, the unit is off. CAUTION: Turn on GUITAR COMPRESSOR power before turning on amplification system.

Guitar Input:

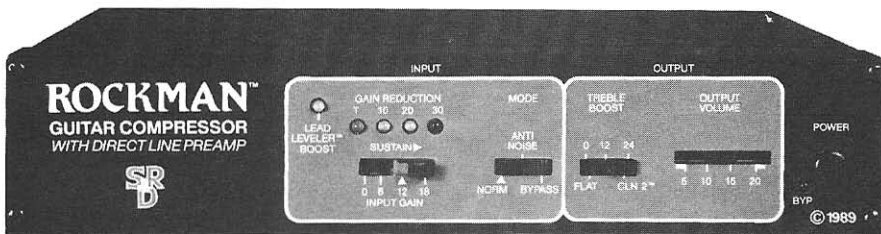
(Rear Panel) Accepts signals from all passive and active electric guitars and basses as well as keyboards.

General Operating Instructions

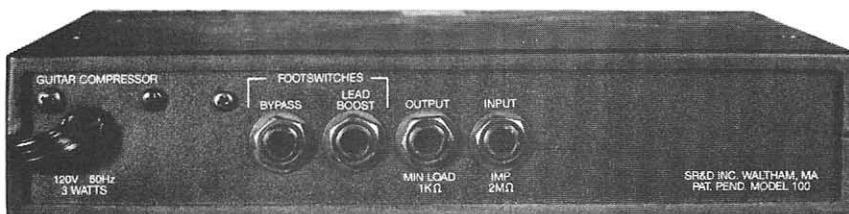
These General Operating Instructions will get you started using your ROCKMAN™ GUITAR COMPRESSOR right away. We urge you to read the rest of this manual soon so that you will fully understand and be able to enjoy all the capabilities of this sophisticated signal processor.

- 1) Connect the power cord of the GUITAR COMPRESSOR to an AC outlet. CAUTION: Line voltage must match the voltage requirement printed on the rear panel of the unit.
- 2) Push the GUITAR COMPRESSOR power button ON.
- 3) Connect an audio cable from your instrument to the rear panel input jack. Connect another cable from the rear panel output jack to a guitar amp, mixing board, or power amp with speakers. (See In/Out Connections Diagram.)
- 4) Move all sliders and switches to the normal positions as marked by the small triangles (Δ). Set the MODE switch to NORM.

To activate footswitchable features, use a ROCKMAN™ FOOTSWITCH, ROCKMAN MIDI OCTOPUS™ Switching System, or any standard push on/push off footswitch.



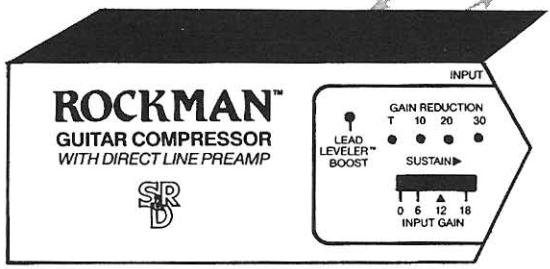
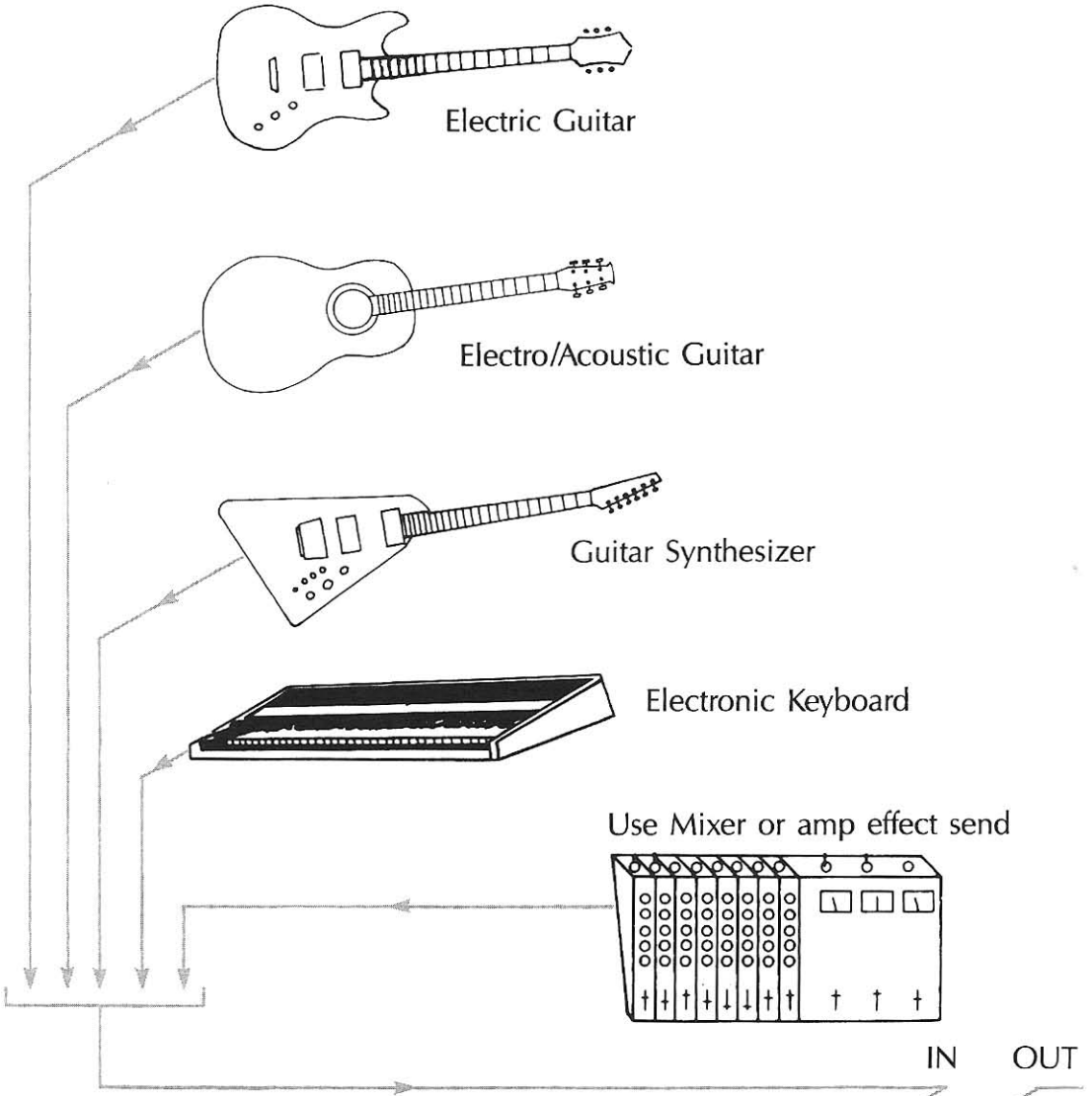
FRONT PANEL



REAR PANEL

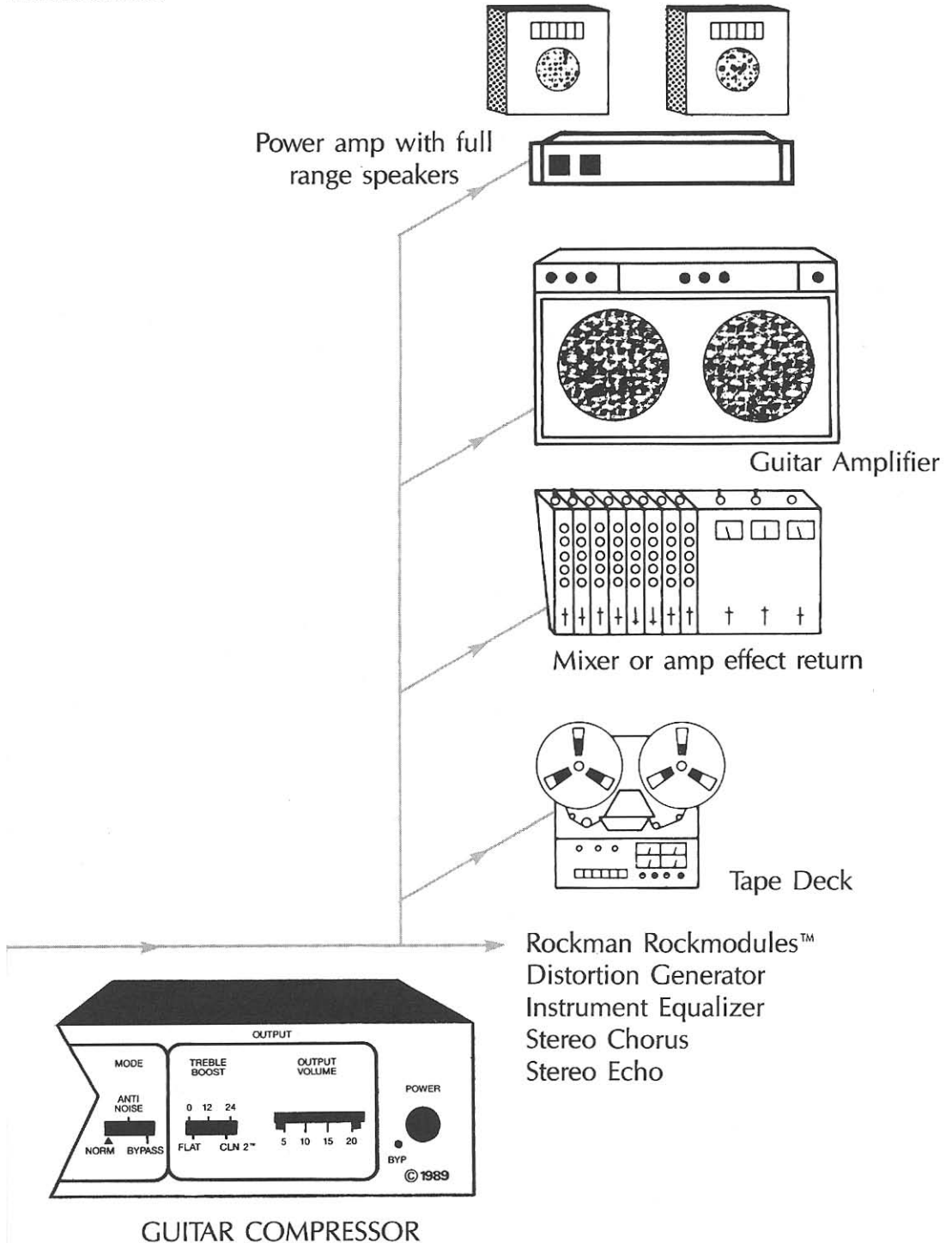


In/Out



ROCKMAN

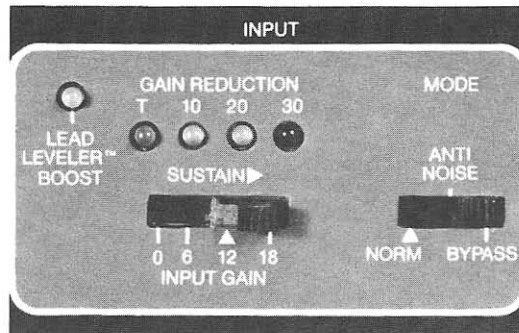
Connections





Detailed Function Descriptions

INPUT



The rear panel GUITAR INPUT accepts signals from virtually any high impedance source, including standard passive and active guitar and bass pickups, electronic keyboards, etc. For low impedance mikes, use a line matching transformer between the mike and the GUITAR COMPRESSOR.

The SUSTAIN switch is the primary compressor control and is used to adjust sustain time and control acoustic feedback at high stage volumes. This switch also increases and decreases distortion harmonics if the GUITAR COMPRESSOR is being run into a high gain distortion circuit or device. If unwanted acoustical feedback occurs at loud stage levels, reduce SUSTAIN control setting, not OUTPUT Volume.

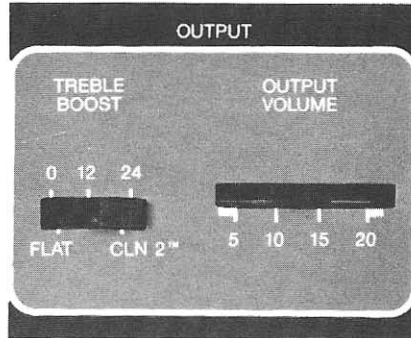
The GAIN REDUCTION LEDs indicate the action of the compressor. "T" indicates the threshold of compression at about 2 dB gain reduction. "10" and "20" indicate moderate compression at 10 and 20 dB gain reduction, and "30" indicates high compression with over 30 dB gain reduction. The amount of gain reduction is determined by the signal level entering the compressor as controlled by the SUSTAIN control and the instrument's signal level.

LEAD LEVELER™ BOOST is a unique, proprietary solo compression circuit that dramatically improves distortion response and note dynamics, especially when using hammer-on, pull-off, and staccato picking techniques. ATTENTION: LEAD LEVELER™ can only be activated via the rear panel footswitch jack and should only be used when running the GUITAR COMPRESSOR into a high gain distortion circuit or device, otherwise excessive noise and poor sound quality will result.

The MODE switch allows three basic operating modes to be selected. The ANTI-NOISE position engages a noise reduction circuit for quieting noisy input signals without affecting the compressor's maximum gain reduction capability.

NORM position activates the normal compression mode. BYPASS mode defeats the compression function. BYPASS mode can also be activated via the rear panel footswitch jack.

OUTPUT



TREBLE BOOST provides overall output treble control to accommodate a wide range of different sounding instruments. "FLAT" response from input to output is achieved at the "0" setting. "12" gives a moderate treble boost. "24" recreates the well-known ROCKMAN CLN 2™ clean sound with its long sustain and bright, natural EQ.

OUTPUT VOLUME is the final control on the GUITAR COMPRESSOR. It can be thought of as a master volume control because it adjusts output level after all the compression stages. The total adjustment range is 15 dB. At the "15" position, output level is approximately .3VRMS and is a good all-around setting for driving most effects and amplifiers.

FOOTSWITCHING



The BYPASS footswitch allows cancelling of all GUITAR COMPRESSOR processing. In BYPASS mode, the audio signal still passes through a low noise buffer circuit, so power to the GUITAR COMPRESSOR must be ON for the signal to flow. A red LED on the front panel indicates that bypass is active.

The LEAD LEVELER™ BOOST footswitch activates this solo compression circuit. A yellow LED on the front panel indicates that the circuit is active.



Specifications

INPUT	Impedance	> 2.2M Ω
	Maximum Level	3.3VRMS at 1kHz
COMPRESSOR	Adjustment Range	20 dB
	Gain Reduction Indicators	Threshold, 10 dB, 20 dB, 30 dB
	Attack Time	} Not for Release
	Release Time	
	Ratio	
OUTPUT	Impedance	1K Ω
	Maximum Level	3.3VRMS at 1kHz
	Volume Adjustment Range	15 dB
	Treble Boost Range	+ 24 dB at 10kHz
DIMENSIONS	8½"W, 5½"D, 1¾"H	(Standard half-rack width)
POWER REQUIREMENT	3W, line voltage as marked on rear panel	
ACCESSORY (Purchased Separately)	19" Rockmodule™ Rackmount (holds two units)	

Specifications subject to change without prior notification.
