

# Charisma 2 Model 9733



## SPL CHARISMA 2

The Charisma 2 is a tube processor whose sophisticated circuitry enables extensive control over the tube sound characteristics.

In other words, it is a tube sound instrument that doesn't produce just the "usual tube sound", but is also capable of effects that resemble the tape saturation of analog tape machines: the signals gain more impact and punch, so that especially in the case of percussive instruments it is no longer necessary to record to an analog machine. At the same time level peaks can be captured by optimally exploiting the headroom of digital recorders resulting in a significant gain in loudness at the same electrical level. The sound image becomes more transparent, and a mix prepared using the Charisma 2 has improved perception of depth.

Voices can also be very effectively processed, to make them rougher and earthier for example. In a dense mix the voices gain penetration and presence.

Dance/Techno producers find the Charisma a practical tool for distorting snare, bass drum or lead sounds, MIDI guitar parts finally sound reasonable, and truly impressive sounds can be created using virtually any synthesizer.

### It's that easy

The operational design of the Charisma is simple in its concept: each of the two channels has three potentiometers for controlling the drive, tube sound variation and the output level.

The Charisma 2 is used ideally while recording from the recorder – recording the optimised signal saves rework and takes full advantage of the digital headroom.

## Specifications

### Inputs & Outputs

Instrumentation amplifier, electronically balanced (differential), transformerless

Nominal input level	+6 dB
Input impedance	22 kOhm
Output impedance	← 600 Ohm
Max. input level	+24 dBu
Reference level	variable (Drive)
Minimum load	600 Ohm

### Measured data

Frequency response	30 Hz-40 kHz (40kHz= -3dB)
Common mode rejection	-80 dBu @ 1kHz
THD & N	0.41% @ 1 kHz (K2 max. 35%)
S/N CCIR 468-2	-89 dBu

### Power supply

Toroidal transformer	30 VA
Fuse	315 mA
GND lift switch, voltage selection switch, hard bypass switch, XLR and Jack I/Os	

### Dimensions

Standard EIA 19"/1U	482 x 44 x 237 mm
Weight	3.5 kg

### Martin Hömberg, Audio Professional (D)

"Of all the studio tube processors I am familiar with, the transitions from 'clean' through 'saturation' and 'smoky' to roughened characteristics like 'crunch' and 'overdrive' are here by far the easiest and most logical to control."

### Ralf Kleinermanns, Keyboards (D)

"The wide range of processing effects, extending from clearly audible tube distortions, coupled with tube-type hard or soft knee compression, also turns the Charisma into an outstanding multi-distorter in mix-down, and this application makes it as interesting for applications in analog recording systems as for pure keyboard setups."

### Walter Wehrhan, Production Partner (DE)

"A warning from the Ministry of Audio: Charisma is addictive! Signals processed with Charisma get more presence, more punch, the sound image of a mix becomes more transparent; each instrument can be clearly placed."

