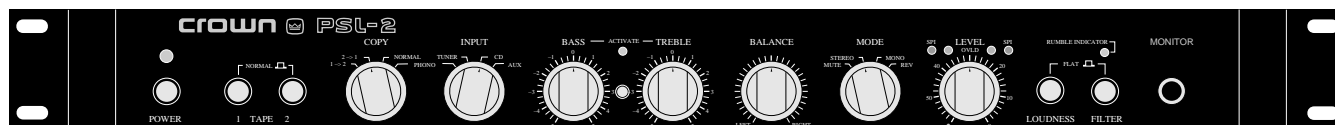


PSL-2



INTRODUCTION

The Crown PSL-2 is a professional stereo preamplifier, bringing all system components together in a single versatile control unit. "Straight-Line" signal path engineering results in very low distortion.

SONIC PERFORMANCE

Signal-to-Noise:

(A-weighted) 103 dB below rated output for all inputs except Phono. 93 dB below rated 10 mV phono input.

Total Harmonic Distortion (THD):

Less than 0.009% from 20 Hz to 20 kHz at rated output. Less than 0.0009% at 1 kHz with IHF load. Phono: Less than 0.009% from 20 Hz to 20 kHz.

Intermodulation Distortion (IMD):

(60 Hz and 7 kHz 4:1) Less than 0.0025% at rated output. Phono: Less than 0.0025% at rated output.

Phono Gain:

Adjustable 30 to 50 dB (33 to 330 mV for rated output).

Low Filter:

18 dB per octave slope, down 32 dB at 10 Hz.

Loudness Compensation:

Bass compensation matched to ISO curves (Robinson-Dadson) down to 60 phons; tracked to Level (gain) control with active network to eliminate unwanted subsonic boost.

Muting:

Seven second turn-on delay during which the outputs are shorted to prevent turn-on transients from reaching the speakers.

Input Impedance:

Tape, Tuner, CD and Aux 25 kohms; phono 47 kohms in parallel with less than 50pF.

Input Sensitivity:

250mV applied to Tape, Tuner, CD or Aux input yields full rated output at full gain of 20 dB.

Output Impedance:

600 ohms.

Output Level:

Main and phono outputs: 2.5 volts

CONTROLS

Power, tape 1 and 2 monitor, rotary input selector (Phono, Tuner, CD, Aux), tone activate, detented treble and bass tone controls, center-detented output Balance control, detented level (gain) control, loudness, subsonic filter, rotary copy selection, phono input gain control for each channel.

CONNECTORS

Inputs:

Unbalanced RCA jacks on the back panel.

Outputs:

Unbalanced RCA jacks and stereo 1/4-in. phone jack on the front panel for monitoring.

Ground:

Phono ground post.

AC:

Six AC accessory outlets (5 switched; 1 unswitched).

STRUCTURAL

Dimensions:

19 in. (48.3 cm) standard rack mount width, 1.75 in. (4.4 cm) height, 11.5 in. (29.2 cm) depth behind mounting surface.

Approximate Weight:

11 lbs. (5 kg).

Finish:

Black polyurethane coated aluminum front panel.



Crown International, Inc.
PO Box 1000 Elkhart, IN 46515-1000
Ph. 800-342-6939/219-294-8200
Fax 219-294-8301
<http://www.crownintl.com>

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