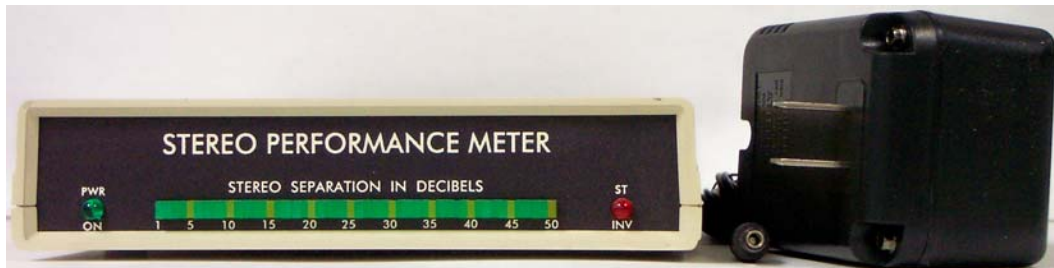


SPM-1



STEREO PERFORMANCE METER

The SPM-1 Stereo Performance Meter measures the stereo content present in any left and right audio program material. This instrument is an entirely new concept in stereo measurement it actually computes the stereo separation of the Left and Right audio channels and displays the result on a L.E.D. bar-graph calibrated from 1-50 dB in one dB steps. Polarity inversion is also displayed when the Left or the Right audio channel is inverted.

Use the SPM-1 Stereo Performance Meter to measure and set the actual stereo separation present on any given mix-down. The SPM-1 does for stereo performance measurement what the VU meter does for audio volume measurement.

The SPM-1 measures the exact degree of stereo separation for each segment of the program, allowing precise control of focus, audio image and expansion to any specific desired separation. The LED bar graph displays stereo separation in one dB steps over the range of 1-50 dB. Stereo inversion is also indicated on a static and dynamic basis.

Stereo separation measurement is independent of the audio volume level and the SPM-1 will measure true separation at any program level. Put this new technology to work for you. It will save mix-down time and improve the stereo performance throughout your product.

FEATURE

SPECIFICATION

AUDIO

Input Level

0, +4, +8 dBm APL (Selectable)

Connectors

6 Position Snap-In Screw Terminal

DISPLAY

Separation Range

0-50dB in 1dB steps

Resolution

0-35dB +/- 1dB, 36-50dB +/- 2dB

Stereo Inversion

Red L.E.D. Incident Indicator

PROCESSING

Computer

High Speed Cross-Correlation

Processing Speed

Real-Time Processing

MECHANICAL

Power

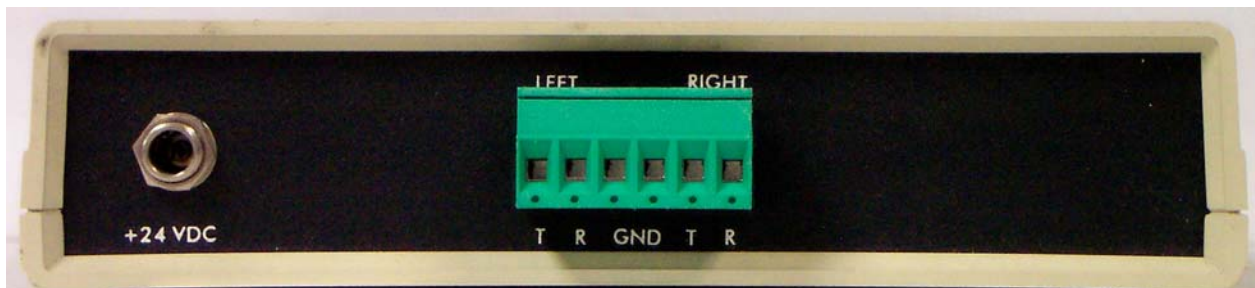
24VDC @ 200mA (Power Cube)

Size

6" x 9.5" x 1.5"

Enclosure

ABS Plastic V094 Flame Rated



SPM-1spc