

Gold Line Connector, Inc.

Box 500 West Redding, CT. 06896

203-938-2588 phone - 203-938-8740 fax

<http://www.gold-line.com> Email: goldline@i84.net

Specifications For Model **DSPCIW**

PRODUCT DESCRIPTION: Portable 30 channel 1/3 octave digital audio spectrum analyzer designed to interface with IBM compatible computers.

MEASUREMENT RANGE: Microphone input : 31dB to 123dB SPL
Line Input: -88dBm to +14dBm (.031mV to 3.88V rms)
Measurement window: 85dB

INPUTS: Microphone: Balanced, XLR 3 pin receptacle.
Line: Unbalanced ¼" phone jack. 15kΩ impedance

OUTPUTS: DB25M RS232 port.

MICROPHONE: 600Ω omnidirectional electret condenser. Model MK8A.

CENTER FREQUENCIES: ISO 1/3 octave between 25Hz - 20kHz

CENTER FREQUENCY ACCURACY: Typically ±1%

DISPLAY: Via computer interface.

MEMORIES: Via computer interface.

FUNCTION CONTROL: Via computer interface.

PRINT FUNCTION: Via computer interface.

FILTERS: ANSI standard (triple tuned) & sharper standard for notching applications.

RELATIVE FLATNESS CHANNEL TO CHANNEL: ¼dB

WEIGHTING: IEC A, C, Flat or USER defined.

DECAY RATE: Fast = 34.7dB/s, Medium = 8.7dB/s, Slow = 4.3dB/s.

POWER REQUIREMENTS: Batteries: Eight AA alkaline or nicad.
External: 12Vdc @ 500mA via 3.5mm jack.

SIZE (W x H x D); WEIGHT: 7-5/8" x 1-3/4" x 9-3/4"; 2 lbs.

CASE MATERIAL: Painted Aluminum.

Rev 8/27/96