



DESCRIPTION

The Belar DSD-1 is a precision FM Stereo decoder. It produces a 48 kHz AES/EBU digital stereo audio data stream by digitally demodulating analog stereo composite signals.

The DSD-1 features two front-panel peak level indicators to maintain proper transmission levels. The user adjustable ACTIVITY LED monitors composite activity, while the fixed OVERLOAD LED warns of possible overload. A third LED indicates the presence of the stereo pilot.

The DSD-1 is suitable for applications that require digital format stereo audio derived from an analog stereo signal. Such applications include obtaining a digital input for use with digital FM excitors, obtaining digital audio for digital transmission of house monitor signals, etc.

SPECIFICATIONS:

Input Level 2.8V- 5.7V P-P composite
Input Impedance 100 k Ω , unbalanced,
BNC connector

Outputs:

Digital, Left and Right AES/EBU, 48 kHz

Separation:

Left to Right 80 dB, 10 Hz to 15 kHz
Right to Left 80 dB, 10 Hz to 15 kHz

Crosstalk:

L + R to L - R (digital,direct) 90 dB min
L - R to L + R (digital,direct) 90 dB min
SCA to L + R 90 dB min
SCA to L - R 90 dB min
SCA Interference 90 dB min

Power 10 watts, 100-240 VAC, 50-60 Hz

Specifications are subject to change without prior notice.



BELAR ELECTRONICS LABORATORY, INC.

119 LANCASTER AVENUE • P.O. BOX 76 • DEVON, PA 19333-0076 USA

VOICE (610) 687-5550 • FAX (610) 687-2686

WEB: <http://www.belar.com/> • E-mail: sales@belar.com • sevice@belar.com • parts@belar.com