

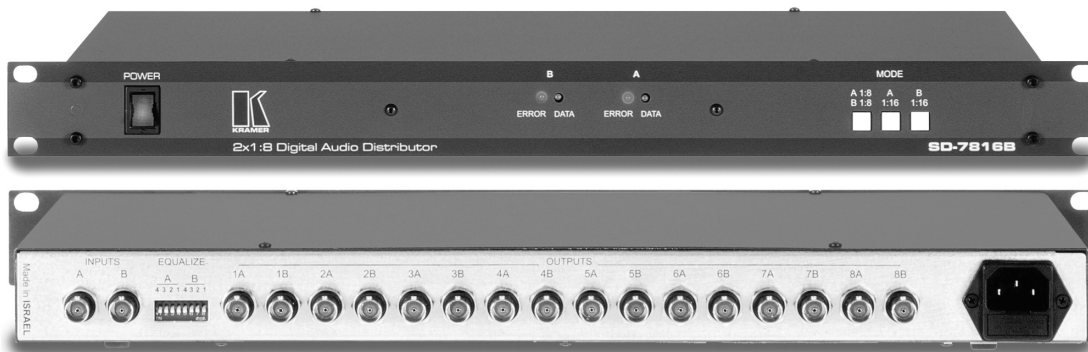
SD-7816/SD-7816B

1:16 Digital Audio Distribution Amplifiers

GROUP 1



The Kramer **SD-7816** and **SD-7816B** are high performance dual mode distribution amplifiers for digital audio signals. They can be set to operate as a single-channel 1x16 or as a two-channel 1x8 unit. Several digital formats are supported including AES/EBU, IEC 958, S/PDIF and EIAJ CP340/1201 professional and consumer formats with sampling frequencies up to 96 kHz. They provide 2 inputs which are equalized to compensate for losses on the twisted pair or 75 Ω cables. Reclocking at each input provides 16 low-jitter digital audio outputs. Two models exist - the **SD-7816** uses 110 Ω twisted pair cable on detachable terminal block connectors, and the **SD-7816B** is designed for 75 Ω coaxial cables on BNC connectors. All inputs and outputs are transformer coupled. The front panel LEDs display the selected setup, the presence of digital audio signals and possible errors in the transmission line.



1 DISTRIBUTION AMPLIFIERS

TECHNICAL SPECIFICATIONS

INPUTS:	2 x 16-steps equalized digital audio, 110 Ω on detachable terminal blocks (SD-7816) or 75 Ω on BNC connectors (SD-7816B), transformer coupled.
OUTPUTS:	16 reclocked digital audio, 110 Ω on detachable terminal blocks (SD-7816) or 75 Ω on BNC connectors, transformer coupled.
SAMPLING:	32, 44.1, 48, 96 kHz sampling frequencies.
STANDARDS:	AES/EBU, IEC 958, S/PDIF and EIAJ CP340/1201.
EQUALIZATION:	For up 24dB loss @ 48 kHz.
CONTROL:	3 front panel touch switches with built-in LEDs.
DISPLAY:	Signal presence and Error condition for each channel on front panel LEDs.
DIMENSIONS:	19-inch(W) x 7-inch(D) x 1U(H), rack mountable.
POWER:	230 VAC, 50/60 Hz, (115 VAC, U.S.A.) 10 VA.
WEIGHT:	2.6 kg (5.7 lbs.) approx.
ACCESSORIES:	Power cord.

TYPICAL APPLICATIONS

- Broadcast studios, for audio signal distribution.
- Recording studios, for connecting a source to several acceptors.
- Video and audio production facilities.

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