



SONIFEX

Reference Monitor Cards RM-E1X & B

October 2008



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Reference Monitors

RM-E1X Reference Monitor Dolby E Decoder XLR AES Expansion Card & RM-E1B Reference Monitor Dolby E Decoder BNC Expansion Card

These expansion boards for the Reference Monitor RM-4C8 allow the monitoring of a digital audio stream containing either Linear PCM or Dolby* encoded audio.

The RM-E1X has 2 x XLR inputs to accept AES/EBU level inputs and the RM-E1B has 2 x BNC connectors for S/PDIF level inputs.

Dolby data is decoded and passed to the Reference Monitor as either a stereo down mix or the full complement of individual channels. If the signal is standard Linear PCM, then this audio data is simply passed straight through.

The input is re-transmitted with minimal delay, to allow connection to other equipment.

Technical Specification For RM-E1X and RM-E1B

AES Input/Output (RM-E1X):	110Ω transformer coupled balanced I/O
S/PDIF Input/Output (RM-E1B):	75Ω transformer coupled unbalanced I/O
Sample Rates:	32 - 48 kHz
Audio Formats:	Linear PCM Dolby E (16, 20 and 24 bit) Dolby Digital (16 and 32 bit)

Connectors

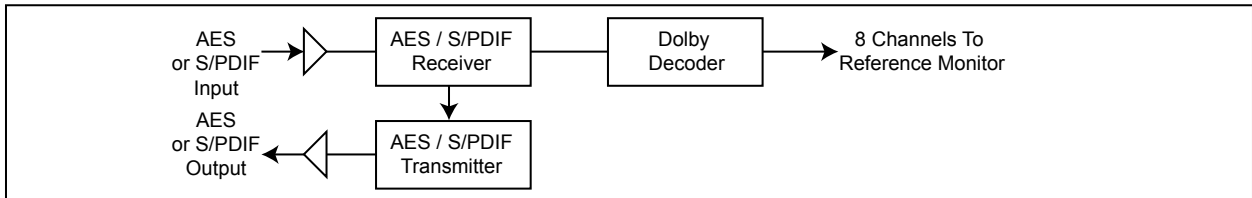
AES Input:	1 x XLR 3 pin socket (RM-E1X)
AES Output:	1 x XLR 3 pin plug (RM-E1X)
S/PDIF Input:	1 x BNC (RM-E1B)
S/PDIF Output:	1 x BNC (RM-E1B)



RM-E1B Expansion Card



RM-E1X Expansion Card



* Dolby and the double-D symbol are registered trademarks of Dolby Laboratories

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