

# SONIFEX

**RM-E1X**

Reference Monitor Dolby E & Dolby® Digital Decoder XLR  
AES Expansion Card

**RM-E1B**

Reference Monitor Dolby E & Dolby® Digital Decoder  
BNC Expansion Card

2016

# Catalogue





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



**Category:** Reference Monitor Expansion Cards.

**Product Function:** Allow Dolby E decoding from an AES/EBU audio input

**Typical Applications:** For monitoring a Dolby E or D audio source.

**Features:** Dolby metadata display on connected PC, 8 input metering on 4 meters, Dolby E decoding & monitoring.



RM-E1X Expansion Card.



RM-E1B 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.

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

### Technical Specification For RM-E1X and RM-E1B

#### Audio Specification

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

#### Connectors

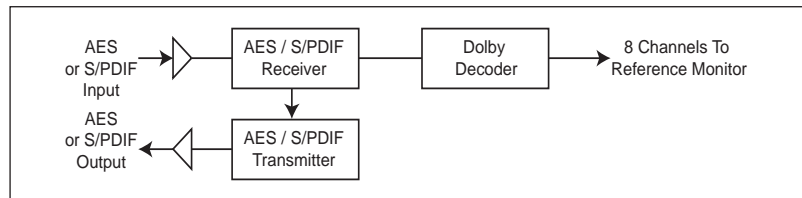
|                |                               |
|----------------|-------------------------------|
| AES Input:     | 1 x XLR 3 pin socket (RM-E1X) |
| AES Output:    | 1 x XLR 3 pin plug (RM-E1X)   |
| S/PDIF Input:  | 1 x BNC (RM-E1B)              |
| S/PDIF Output: | 1 x BNC (RM-E1B)          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

#### Equipment Type

|         |                                     |
|---------|-------------------------------------|
| RM-E1X: | Dolby® E Decoder XLR expansion card |
| RM-E1B: | Dolby® E Decoder BNC expansion card |

#### Physical Specification

|                     |  |
|---------------------|--|
| Dimensions (Raw):   | 15cm (W) x 11.5cm (D) x 3.1cm (H)<br>5.9" (W) x 4.5" (D) x 1.2" (H) (1U) |
| Dimensions (Boxed): | 22.9cm (W) x 12.7cm (D) x 7.6cm (H)<br>9.0" (W) x 5.0" (D) x 3.0" (H)    |
| Weight (RM-E1X/B):  | Nett: 0.13kg Gross: 0.4kg<br>Nett: 0.3lb Gross: 0.9lb                    |



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# **SONIFEX**

[www.sonifex.co.uk](http://www.sonifex.co.uk)

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**UK Office:**

**Sonifex Ltd**

61 Station Road, Irthlingborough,

Northants, NN9 5QE, UK

Tel: +44 (0) 1933 650700

Fax: +44 (0) 1933 650726

Email: [sales@sonifex.co.uk](mailto:sales@sonifex.co.uk)

**Australian Office:**

**Sonifex Pty Ltd**

12/6 Leighton Place,

Hornsby NSW 2077, Australia

Tel: +61 (2) 9987 0499

Fax: +61 (2) 9476 4950

Email: [sales@sonifex.com.au](mailto:sales@sonifex.com.au)