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## BS EN 61672-1:2003 Electroacoustics

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### Abbreviation

BS EN 61672-1:2003

### Valid from

25/03/2003

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### Information provider

British Standards Institution

### Author

British Standards Institution

### Information type

British Standard

### Format

PDF

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### Cited By

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### Description

This European Standard gives electroacoustical performance specifications for three kinds of sound measuring instruments:

- a conventional sound level meter that measures exponential time-weighted sound level;
- an integrating-averaging sound level meter that measures time-average sound level; and
- an integrating sound level meter that measures sound exposure level.

A single instrument may make any, or all, of the three kinds of measurements. Additional performance specifications are given for the measurement of maximum time-weighted sound level and peak C sound level. Frequency-weighting A is mandatory for all sound level meters specified in this standard.

### Scope

Sound level meters specified in this standard are intended to measure sounds in the range of human hearing.

Two performance categories, class 1 and class 2, are specified in this standard.

This standard is applicable to a range of designs for sound level meters. Specifications in this standard for the response to sound waves apply without an operator present in the sound field.

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