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Edition 1

**IEC 61672-1:2002**

Edition 1

## **SOUTH AFRICAN NATIONAL STANDARD**

### **Electroacoustics — Sound level meters**

#### **Part 1: Specifications**

This national standard is the identical implementation of IEC 61672-1:2002 and is adopted with the permission of the International Electrotechnical Commission.

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**National foreword**

This South African standard was approved by National Committee STANSA TC 76, *Acoustics, electroacoustics and vibration*, in accordance with the procedures of Standards South Africa, in compliance with annex 3 of the WTO/TBT agreement.

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**Electroacoustique –  
Sonomètres –**

**Partie 1:  
Spécifications**

**Electroacoustics –  
Sound level meters –**

**Part 1:  
Specifications**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

### ELECTROACOUSTICS – SOUND LEVEL METERS –

#### Part 1: Specifications

#### FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to Technical Committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 61672-1 has been prepared by IEC technical committee 29: Electroacoustics, in cooperation with the International Organization of Legal Metrology (OIML).

This standard, in conjunction with IEC 61672-2, cancels and replaces IEC 60651, *Sound level meters*, and IEC 60804, *Integrating-averaging sound level meters*.

The text of this standard is based on the following documents:

FDIS	Report on voting
29/507/FDIS	29/515/RVD

Full information on the voting for the approval of this standard can be found in the report of voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 3.

Annex A forms an integral part of this standard.

Annexes B and C are for information only.

At the time of publication of this standard, the IEC 61672 series was scheduled to consist at least of the following parts: IEC 61672-1: *Specifications*, IEC 61672-2: *Pattern evaluation tests*, and IEC 61672-3: *Periodic tests*.