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IEC 60268-1

DRAFT TANZANIA STANDARD

(Draft for comments only)

Sound system equipment – Part 1: General

TANZANIA BUREAU OF STANDARDS

1 National Foreword

This draft Tanzania Standard is being prepared by the Communication Equipment Technical Committee, under the supervision of the Electrotechnical Divisional Standards Committee (EDC)

This draft Tanzania Standard is an adoption of the International Standard **60268-1:2010** *Sound system equipment-Part 1:General* which has been prepared by the International Electrotechnical Commission.

2 Terminology and conventions

Some terminologies and certain conventions are not identical with those used in Tanzania Standards; attention is drawn especially to the following: -

- 1) The comma has been used as a decimal marker for metric dimensions. In Tanzania Standards, it is current practice to use “full point” on the baseline as the decimal marker.
- 2) Where the words “International Standard(s)” appear, referring to this standard they should read “Tanzania Standard(s)”.

Draft for stakeholders' comments only

**NORME
INTERNATIONALE
INTERNATIONAL
STAN DARD**

**CEI
IEC
268-1**

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Equipements pour systèmes électroacoustiques

**Première partie:
Généralités**

Sound system equipment

**Part 1:
General**

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Bureau central de la Commission Electrotechnique Internationale 3, rue de Varembe Genève Suisse

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SOUND SYSTEM EQUIPMENT

Part 1: General

FOREWORD

The formal decisions or agreements of the I E C on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.

They have the form of recommendations for international use and they are accepted by the National Committees in that sense.

In order to promote international unification, the I E C expresses the wish that all National Committees should adopt the text of the I E C recommendations for their national rules in so far as national conditions will permit. Any divergence between the I E C recommendations and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

PREFACE

This standard has been prepared by I E C Technical Committee No. 84: Equipment and Systems in the Field of Audio, Video and Audiovisual Engineering, (formerly Sub-Committee 29B: Audio Engineering).

This second edition replaces the first edition of I E C Publication 268-1 (1968) as well as its first supplement, Publication 268-1A (1970), its second supplement, Publication 268-1B (1972) and its third supplement, Publication 268-1C (1982). The text of this standard is based upon the following documents :

Six Months' Rule
29B(CO)103

Report on Voting
29B(CO)112

Further information can be found in the Report on Voting indicated in the table above.

SOUND SYSTEM EQUIPMENT

Part 1: General

1. Scope

This standard applies to sound systems of any kind, and to the parts of which they are composed or which are used as auxiliaries to such systems.

This standard deals with the determination of the performance of sound system equipment, the comparison of these types of equipment and the determination of their proper practical application, by listing the characteristics which are useful for their specification and laying down uniform methods of measurements for these characteristics.

The standard is confined to a description of the different characteristics and the relevant methods of measurement; it does not in general specify performance (except in Part 10).

The complete standard consists of the following parts, in which the characteristics of various parts of sound systems and their methods of measurement are specified; some parts include preferred values:

- Part 1: General.
(Uniform characteristics and methods of measurement)
- Part 2: Explanation of General Terms.
(Explanation of general terms and calculation methods)
- Part 3: Sound System Amplifiers.
(Amplifiers forming part of a sound system for professional and domestic applications)
- Part 4: Microphones.
(Microphones in professional and domestic applications)
- Part 5: Loudspeakers.
(Loudspeakers in professional and domestic applications, treated as entirely passive elements)
- Part 6: Auxiliary Passive Elements.
(Attenuators, transformers, filters and equalizers, applied as separate units to be combined with other separate sound system units)
- Part 7: Headphones and Headsets.
(Headphones and headsets intended to be used on the human ear)
- Part 8: Automatic Gain Control Devices.
(Limiters and compressors)
- Part 9: Artificial Reverberation, Time Delay and Frequency Shift Equipment.

(Devices commonly employed to achieve special effects in sound systems)
- Part 10: Programme Level Meters
(Peak programme meters and vu-indicators)

— Part 11: Connectors for the Interconnection of Sound System Components.

(Application of connectors for the interconnection between parts of a sound system)

— Part 12: Circular Connectors for Broadcast and Similar Use.

(Application of connectors for the interconnection between parts of a broadcast or similar professional system)

— Part 13: Listening Test on Loudspeakers.

(Listening tests and objective methods for rating the quality of the transmission systems)

— Part 14: Circular and Elliptical Loudspeakers; Outer Frame Diameters and Mounting Dimensions.

(Dimensional characteristics of single moving-coil (dynamic) loudspeakers)

— Part 15: Preferred Matching Values for the Interconnection of Sound System Components.

(Preferred electrical values for the correct interconnection of sound system components)

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