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Horn type loudspeakers

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Electronics and Information Technology Industries Association (JEITA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS C 5504:1992** is replaced with this Standard.

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Horn type loudspeakers

Introduction

This Japanese Industrial Standard was established in 1954 and has gone through four revisions up to the present. The last revision was made in 1992, and the revision at this time is to correspond to the standard test condition and waterproof test condition.

No corresponding International Standard has been established at this point.

1 Scope

This Standard specifies electrodynamic horn type loudspeakers, which are used for general voice amplifiers in telecommunications' equipment (hereafter referred to as loudspeakers). This Standard is not applicable to loudspeakers employing cone speakers as the driver.

NOTE : Loudspeaker means equipment composed of horn and drive unit (hereafter referred to as unit). Loudspeakers integrated into one body are called combination type, and loudspeakers whose horn and units are separable are called separate type.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS C 0920 *Degrees of protection provided by enclosures (IP Code)*

JIS C 60068-1 *Environmental testing — Part 1 : General and guidance*

JIS Z 8703 *Standard atmospheric conditions for testing*

3 Terms and definitions

For the purposes of this Standard, the following terms and definitions apply.

3.1 bore of horn

outside diameter of horn opening

3.2 throat

sound path at the joint part of horn and unit

3.3 reference point

geometric centre of horn opening on the plane passing the horn opening periphery

3.4 reference axis