

Portable multimedia equipment - Determination of
battery duration - Part 1: Powered loudspeaker
equipment

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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English Version

**Portable multimedia equipment - Determination of battery
duration - Part 1: Powered loudspeaker equipment
(IEC 63296-1:2021)**

Matériel multimédia portable - Détermination de la durée
des batteries - Partie 1: Haut-parleurs alimentés par
batteries
(IEC 63296-1:2021)

Tragbare Multimedia-Geräte - Bestimmung der
Batteriedauer - Teil 1: Lautsprecher mit eigener
Stromversorgung
(IEC 63296-1:2021)

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European foreword

The text of document 100/3546/CDV, future edition 1 of IEC 63296-1, prepared by IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63296-1:2021.

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60268-2 NOTE Harmonized as HD 483.2 S2

IEC 60958 (series) NOTE Harmonized as EN IEC 60958 (series)

IEC 62087-6 NOTE Harmonized as EN 62087-6

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60268-1	-	Sound system equipment. Part 1: General	HD 483.1 S2	-
IEC 60268-5	2003	Sound system equipment - Part 5: Loudspeakers	EN 60268-5	2003
+ A1	2007		+ A1	2009
IEC 61672-1	-	Electroacoustics - Sound level meters Part 1: Specifications	EN 61672-1	-
IEC 61938	-	Multimedia systems – Guide to the recommended characteristics of analogue interfaces to achieve interoperability (GMT)	EN IEC 61938	-

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Portable multimedia equipment – Determination of battery duration –
Part 1: Powered loudspeaker equipment**

**Matériel multimédia portable – Détermination de la durée des batteries –
Partie 1: Haut-parleurs alimentés par batteries**



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IEC Central Office
3, rue de Varembe
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
info@iec.ch
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INTERNATIONAL STANDARD

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**PORTABLE MULTIMEDIA EQUIPMENT –
DETERMINATION OF BATTERY DURATION –****Part 1: Powered loudspeaker equipment**

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IEC 63296-1 has been prepared by technical area 19: Environmental and energy aspects for multimedia systems and equipment, of IEC technical committee 100: Audio, video and multimedia systems and equipment. It is an International Standard.

The text of this International Standard is based on the following documents:

Draft	Report on voting
100/3546/CDV	100/3596/RVC

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

The language used for the development of this International Standard is English.

A list of all parts in the IEC 63296 series, published under the general title *Portable multimedia equipment – Determination of battery duration*, can be found on the IEC website.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

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- replaced by a revised edition, or
- amended.

INTRODUCTION

This document specifies methods of measurement for battery duration on powered loudspeaker equipment. The operating time of a battery-powered powered loudspeaker varies greatly depending on the reproduced sound pressure from the loudspeaker. Since the reproduced sound pressure of a powered loudspeaker varies depending on the purpose of use, it is a measurement method that measures the battery operating time at different sound pressures.

IEC 63296 series currently consists of the following planned or published parts:

- Part 1: Powered loudspeaker equipment
- Part 2: Headphones and earphones with active noise-cancelling functions
- Part 3: Personal sound amplification equipment