





EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN IEC 63296-2

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ICS 33.160.50

English Version

Portable multimedia equipment - Determination of battery  
duration - Part 2: Headphones and earphones with active noise-  
cancelling functions  
(IEC 63296-2:2023)

Matériel multimédia portable - Détermination de la durée  
des batteries - Partie 2: Casques et écouteurs avec  
fonctions de réduction de bruit active  
(IEC 63296-2:2023)

Tragbare Multimediageräte und -systeme - Bestimmung der  
Batterielebensdauer - Teil 2: Kopfhörer und Ohrhörer mit  
aktiven Funktionen zur Geräuschunterdrückung  
(IEC 63296-2:2023)

This European Standard was approved by CENELEC on 2024-01-12. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

**EN IEC 63296-2:2024 (E)****European foreword**

The text of document 100/4049/FDIS, future edition 1 of IEC 63296-2, prepared by NA "NA" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63296-2:2024.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2024-10-12
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2027-01-12

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Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

**Endorsement notice**

The text of the International Standard IEC 63296-2:2023 was approved by CENELEC as a European Standard without any modification.

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

IEC 60068-1:2013 NOTE Approved as EN 60068-1:2014 (not modified)

IEC 62087-1:2015 NOTE Approved as EN 62087-1:2016 (not modified)

## 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](http://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                                                                                                                          | -               | -           |
| IEC 60268-7        | 2010        | Sound system equipment - Part 7: Headphones and earphones                                                                                                        | EN 60268-7      | 2011        |
| IEC 60268-24       | 2023        | Sound system equipment - Part 24: Headphones and earphones - Active acoustic noise cancelling characteristics                                                    | EN IEC 60268-24 | 2024        |
| IEC 60318-4        | -           | Electroacoustics - Simulators of human head and ear - Part 4: Occluded-ear simulator for the measurement of earphones coupled to the ear by means of ear inserts | EN 60318-4      | -           |
| IEC 60318-7        | -           | Electroacoustics - Simulators of human head and ear - Part 7: Head and torso simulator for the measurement of sound sources close to the ear                     | EN IEC 60318-7  | -           |

