



SLOVENSKI STANDARD
SIST EN 352-9:2021+A1:2024

01-junij-2024

Varovala sluha - Varnostne zahteve - 9. del: Ušesni čepi z varnostnim avdio vhodom (vključuje dopolnilo A1)

Hearing protectors - Safety requirements - Part 9: Earplugs with safety-related audio input

Gehörschützer - Sicherheitstechnische Anforderungen - Teil 9: Gehörschutzstöpsel mit sicherheitsrelevantem Audioinput

Protecteurs individuels contre le bruit - Exigences de sécurité et essais - Partie 9: Bouchons d'oreilles avec entrée audio-électrique

Ta slovenski standard je istoveten z: EN 352-9:2020+A1:2024

[SIST EN 352-9:2021+A1:2024](https://standards.sist.si/standards/sist/709333/1352-1010-0319-01/09380017/sist-en-352-9-2021-a1-2024)

ICS:

13.340.20 Varovalna oprema za glavo Head protective equipment

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EUROPEAN STANDARD

EN 352-9:2020+A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Hearing protectors - Safety requirements - Part 9: Earplugs with safety-related audio input

Protecteurs individuels contre le bruit - Exigences de
sécurité et essais - Partie 9: Bouchons d'oreilles avec
entrée audio-électrique

Gehörschützer - Sicherheitstechnische Anforderungen
- Teil 9: Gehörschutzstöpsel mit sicherheitsrelevantem
Audioinput

This European Standard was approved by CEN on 18 June 2018 and includes Amendment 1 approved by CEN on 27 February 2024.

CEN 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 CEN 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 CEN 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 STANDARDIZATION
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EN 352-9:2020+A1:2024 (E)

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European foreword

This document (EN 352-9:2020+A1:2024) has been prepared by Technical Committee CEN/TC 159 “Hearing protectors”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2024 and conflicting national standards shall be withdrawn at the latest by April 2027.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document includes Amendment 1 approved by CEN on 27 February 2024.

This document supersedes A1 EN 352-9:2020 A1.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

This document has been prepared under a standardization request given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Regulation(s).

For relationship with EU Regulation(s), see informative Annex ZA, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

EN 352-9:2020+A1:2024 (E)**Introduction**

The requirements of this standard are concerned with the safety-related audio input performance of the earplugs. Sound output levels and criterion input signals are reported in the user information.

EN 352-9 is part of a family of standards describing product requirements:

- EN 352-1, *Hearing protectors — General requirements — Part 1: Earmuffs*
- EN 352-2, *Hearing protectors — General requirements — Part 2: Earplugs*
- EN 352-3, *Hearing protectors — General requirements — Part 3: Earmuffs attached to head protection and/or face protection devices*
- EN 352-4, *Hearing protectors — Safety requirements — Part 4: Level-dependent earmuffs*
- EN 352-5, *Hearing protectors — Safety requirements — Part 5: Active noise reduction earmuffs*
- EN 352-6, *Hearing protectors — Safety requirements — Part 6: Earmuffs with safety-related audio input*
- EN 352-7, *Hearing protectors — Safety requirements — Part 7: Level-dependent earplugs*
- EN 352-8, *Hearing protectors — Safety requirements — Part 8: Entertainment audio earmuffs*
- EN 352-9, *Hearing protectors — Safety requirements — Part 9: Earplugs with safety-related audio input*
- EN 352-10, *Hearing protectors — Safety requirements — Part 10: Entertainment audio earplugs*

Test methods for these requirements are described in the following standards:

- EN 13819-1, *Hearing protectors — Testing — Part 1: Physical test methods*
- EN 13819-2, *Hearing protectors — Testing — Part 2: Acoustic test methods*
- EN 13819-3, *Hearing protectors — Testing — Part 3: Supplementary acoustic test methods*

An associated standard EN 458 covers selection, use, care and maintenance of hearing protection.