

STN	Metóda zvukovej reprodukcie pre normalizovanú hladinu hlasitosti.	STN EN 62760 36 8260
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Audio reproduction method for normalized loudness level

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/16

Obsahuje: EN 62760:2016, IEC 62760:2016

123493

Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, 2016
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy
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EUROPEAN STANDARD

EN 62760

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2016

ICS 33.160.30

English Version

**Audio reproduction method for normalized loudness level
(IEC 62760:2016)**

Méthode de reproduction audio pour niveau d'isotonie
normalisé
(IEC 62760:2016)

Audio-Wiedergabeverfahren für normalisierten
Lautstärkepegel
(IEC 62760:2016)

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European Committee for Electrotechnical Standardization
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Europäisches Komitee für Elektrotechnische Normung

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European foreword

The text of document 100/2591/FDIS, future edition 1 of IEC 62760, prepared by Technical Area 11 "Quality for audio, video and multimedia systems", of IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62760:2016.

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- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2016-12-16
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IEC 61672-1 NOTE Harmonized as EN 61672-1.

Annex ZA (normative)

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62574	-	Audio, video and multimedia systems - General channel assignment of multichannel audio	EN 62574	-
ITU-R Recommendation BS.1770-3	08/2012	Algorithms to measure audio programme loudness and true-peak audio level	-	-



INTERNATIONAL STANDARD

NORME INTERNATIONALE

Audio reproduction method for normalized loudness level

Méthode de reproduction audio pour niveau d'isophonie normalisé





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

Tel.: +41 22 919 02 11
 Fax: +41 22 919 03 00
info@iec.ch
www.iec.ch

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Audio reproduction method for normalized loudness level

Méthode de reproduction audio pour niveau d'isotonie normalisé

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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ELECTROTECHNIQUE
INTERNATIONALE

ICS 33.160.30

ISBN 978-2-8322-3155-5

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**AUDIO REPRODUCTION METHOD FOR
NORMALIZED LOUDNESS LEVEL**

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International Standard IEC 62760 has been prepared by technical area 11: Quality for audio, video and multimedia systems, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

The text of this standard is based on the following documents:

FDIS	Report on voting
100/2591/FDIS	100/2635/RVD

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

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- replaced by a revised edition, or
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INTRODUCTION

The loudness level of audio reproduction varies according to the level of the input source and whether it is mono, stereo or multichannel. Without a suitable form of automatic control, users are forced to adjust the volume level of equipment to obtain an appropriate loudness level when the user selects another audio source or audio mode such as mono, stereo or downmix. There are some specific adjustment methods applied to consumer equipment but these methods are not standardized. For broadcast audio, broadcasting studios apply loudness level measurements and settle a reference level for their audio content depending on ITU-R BS.1770 and ITU-R BS.1864, the first standardisation work for loudness level in broadcasting. The audio loudness levels of other services are also expected to be standardized.

Broadcast audio with regulated loudness levels can be reproduced correctly with appropriately-configured reproduction systems and equipment. This International Standard specifies the method for reproduction with channel mode level setting and other level settings, and provides improved quality of listening for users. This method is also applicable for various audio content other than broadcasting audio. This International Standard is applicable to electrical signal levels and excludes acoustic audio levels from loudspeakers.

AUDIO REPRODUCTION METHOD FOR NORMALIZED LOUDNESS LEVEL

1 Scope

This International Standard specifies the audio reproduction method for normalized loudness level of audio sources for consumer equipment and systems.

2 Normative references

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