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Televisionsutrustning – Text till tal (TTS) för television – Allmänna fordringar

*Text-to-speech for television –
General requirements*

Som svensk standard gäller europastandarden EN IEC 62731:2018. Den svenska standarden innehåller den officiella engelska språkversionen av EN IEC 62731:2018.

Nationellt förord

Europastandarden EN IEC 62731:2018

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 62731, Second edition, 2018 - Text-to-speech for television - General requirements**

utarbetad inom International Electrotechnical Commission, IEC.

EN från CENELEC som är identiska med motsvarande IEC-standarder och som görs tillgängliga för nationalkommittéerna efter den 1 januari 2018 får en beteckning som inleds med EN IEC istället för som tidigare bara EN.

Tidigare fastställd svensk standard SS-EN 62731, utgåva 1, 2013, gäller ej fr o m 2021-02-14.

ICS 33.160.25; 33.160.99

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English Version

Text-to-speech for television - General requirements (IEC 62731:2018)

Synthèse vocale pour télévision - Exigences générales
(IEC 62731:2018)

Text-zu-Sprache für Fernsehen - Allgemeine
Anforderungen
(IEC 62731:2018)

This European Standard was approved by CENELEC on 2018-02-14. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

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EN IEC 62731:2018 (E)

European foreword

The text of document 100/2989/FDIS, future edition 2 of IEC 62731, 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 62731:2018.

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) 2018-11-14
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-02-14

This document supersedes EN 62731:2013.

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

Endorsement notice

The text of the International Standard IEC 62731:2018 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

ISO/IEC 13818-1 NOTE Harmonized as EN ISO/IEC 13818-1.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

TEXT-TO-SPEECH FOR TELEVISION – GENERAL REQUIREMENTS

FOREWORD

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International Standard IEC 62731 has been prepared by IEC technical committee 100: Audio, video and multimedia systems and equipment.

This second edition cancels and replaces the first edition published in 2013. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) in 6.2, the levels of announcement quality were revised as well as considerations for ways in which device users can provide service providers with feedback on incorrectly announced terms.
- b) in 6.3, the following TV functionality was added: the TV can receive updated words, associated conversions and updated conversion rules for the TTS engine via a network connection.

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

FDIS	Report on voting
100/2989/FDIS	100/3013/RVD

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

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

TEXT-TO-SPEECH FOR TELEVISION – GENERAL REQUIREMENTS

1 Scope

This International Standard specifies the text-to-speech functionality for a (broadcast) receiver with a text-to-speech system. Such a system may be one device, i.e. a receiver with an integrated text-to-speech generator, or may be two devices, i.e. a receiver interfacing with an external text-to-speech device. This document applies only to completely functional stationary (or semi-stationary) digital TV receivers such as set top boxes, integrated digital TVs, recorders and other products whose primary function is to receive TV content. Where this document refers to TV, this will be shorthand for all such receivers.

This document does not apply to products that are capable of receiving TV as a secondary function (e.g. PCs or game consoles with digital television receivers). It also does not apply to sub-assemblies (e.g. PC tuner cards).

2 Normative references

There are no normative references in this document.