

Text-to-speech for television - General requirements

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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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)

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Europäisches Komitee für Elektrotechnische Normung

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European foreword

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The following dates are fixed:

- latest date by which the document has to be (dop) 2018-11-14
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publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2021-02-14
standards conflicting with the
document have to be withdrawn

This document supersedes EN 62731:2013.

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Endorsement notice

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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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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.

3 Terms, definitions and abbreviated terms

3.1 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

3.1.1

context

one specific function of a TV

EXAMPLE: Watching TV, EPG.

3.1.2

DTV broadcast event classification

general category of programme/event content, or its classification

EXAMPLES: Movie (drama), news/current affairs, talk show, sports (football).

3.1.3

EPG filter

filter that organises or reduces the list of displayed EPG items according to certain criteria

EXAMPLES Of criteria are to show only:

- programmes with a certain content type;
- favourites;
- programmes that are audio described;
- programmes for a given time period (for instance "today", "tomorrow", "next 7 days").