

**Text-to-speech for television - General requirements
(IEC 62731:2013)**

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ICS 33.160.25, 33.160.99

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**Text-to-speech for television -
General requirements
(IEC 62731:2013)**

Synthèse vocale pour télévision -
Exigences générales
(CEI 62731:2013)

Text-zu-Sprache für Fernsehen -
Allgemeine Anforderungen
(IEC 62731:2013)

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CENELEC

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

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Foreword

The text of document 100/2070/FDIS, future edition 1 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 62731:2013.

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) 2013-12-05
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2016-03-05

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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 International Standard 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 standard refers to TV, this will be shorthand for all such receivers.

This International Standard 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

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

(void)

3 Terms, definitions and abbreviations

3.1 Terms and definitions

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

3.1.1

context

one specific function of a TV

EXAMPLE Watching TV, EPG, etc.

3.1.2

DTV broadcast event

set of related broadcast streams with a defined start and end time, commonly referred to as a TV programme

Note 1 to entry: DTV events have typically the following properties associated with them: start time, end time or duration, content synopsis, additional content information, parental rating and availability of subtitles or audio description.

3.1.3

DTV service information

metadata describing broadcasting content and its scheduling and timing details

Note 1 to entry: The purpose of DTV service information is to aid the end user to select and schedule viewing and recording, and also to select the equipment configuration.