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Human Factors (HF); Guidance on how to apply the EN 301 549 to digital television products

Document Preview

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Contents

	Intell	lectual Property Rights	4
	Fore	word	4
	Modal verbs terminology		4
	Exec	utive summary	4
	Intro	duction	5
	1	Scope	6
	2	References	6
	2.1	Normative references	6
	2.2	Informative references	6
	3	Definition of terms, symbols and abbreviations	6
	3.1	Terms	
	3.2	Symbols	
	3.3	Abbreviations	7
	4	General information for TV accessibility	
	4.1	TV devices within scope	
	4.2	Typical TV functions	
	4.3	Open or closed functionality	
	5	TV software	
	5.1	TV software conformance responsibilities	
	5.2	Platform software systems and apps	
	5.3	TV & non-web software	
	6	TV Accessibility Features	
	6.1	TV connectivity	
	6.2	Audio description	
	6.3 6.4	Spoken subtitles Subtitles/closed captions	
	6.5	Text To Speech	
	6.6	Sign language	
	6.7	EPGs/Content discovery mechanism	
	6.8	Interactive services	
	6.9	Volume Reset	
	6.10	Text Enlargement	
	6.11	Reflow	12
	7	Resolution & Frame Rate	13
	8	Remote Controls	13
	8.1	Keyboards	13
	8.2	Primary media controls	13
	8.3	TV access services	
	8.4	Key repeat and double strike key acceptance	13
	9	On Screen Displays (OSD) timeouts	14
	10	Text magnification/text resizing	14
	11	Conformance	14
	Anno	ex A: Change history	15
	Histo	Drv	16

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Foreword

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This Technical Report (TR) has been produced by ETSI Technical Committee Human Factors (HF).

Modal verbs terminology

In the present document "should", "should not", "may", "need not", "will", "will not", "can" and "cannot" are to be interpreted as described in clause 3.2 of the <u>ETSI Drafting Rules</u> (Verbal forms for the expression of provisions).

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Executive summary

The present document complements ETSI EN 301 549 [i.1] which covers a wide range of requirements for a variety of ICT solutions. TV manufacturers identified the need to develop a technical report with a focus on TV products [3.1]. TV has a unique set of features which typically operate as a system in combination with content providers offerings. As a result TV manufacturers developed the present document to give clarification for manufacturers towards producing TV that comply with the European Accessibility Act (EAA) [i.3] and the associated Harmonised Standard ETSI EN 301 549 [i.1].

Introduction

The present document complements ETSI EN 301 549 [i.1] and is targeted at manufacturers and providers of digital television products. A mapping of the provisions of ETSI EN 301 549 [i.1] is provided and the present document references the normative work of ETSI EN 301 549 [i.1]. The present document is intended to clarify and explain how accessibility requirements of ETSI EN 301 549 [i.1] should be applied for TVs and provide consistency of interpretation.

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1 Scope

The present document describes the application of accessibility requirements as listed in ETSI EN 301 549 [i.1] herein called "ETSI EN 301 549 [i.1]" to TVs. The focus is on the device capability rather than the whole digital TV field. The scope excludes content provision and delivery.

2 References

2.1 Normative references

Normative references are not applicable in the present document.

2.2 Informative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

NOTE: While any hyperlinks included in this clause were valid at the time of publication ETSI cannot guarantee their long term validity.

The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

- [i.1] ETSI EN 301 549 (V4.1.1): "Accessibility requirements for ICT products and services".
- NOTE: The following reference is not publicly available at the date of publication and may be unavailable for a period of time.
- [i.2] IEC 62944: "Audio, video and multimedia systems and equipment Digital television accessibility Functional specifications".
- https://standa[i.3] iteh.ai/cata<u>Directive (EU) 2019/882</u> of the European Parliament and of the Council of 17 April 2019 on the -1-2025-02 accessibility requirements for products and services.
 - [i.4] ETSI TS 103 205 (V1.2.1): "Digital Video Broadcasting (DVB); Extensions to the CI PlusTM Specification".

3 Definition of terms, symbols and abbreviations

3.1 Terms

For the purposes of the present document, the following terms apply:

3rd party approved software: application which is supplied by a 3rd party (other than the device manufacturer) as already installed at the point of sale/purchase

3rd party software vendor: independent entity that develops, supports and markets software designed to integrate with another company's product or platform

NOTE: These offerings extend functionality or address specific needs not covered by the main system. They are independent from the product manufacturer.

approved software: software that has been provided by the TV manufacturer