

Audio, video and related equipment - Determination of power consumption - Part 5: Set top boxes (STB)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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ICS 33.160.10

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English Version

**Audio, video and related equipment - Determination of power
consumption - Part 5: Set top boxes (STB)
(IEC 62087-5:2015)**

Appareils audio, vidéo et matériel connexe - Détermination
de la consommation de puissance - Partie 5: Boîtiers
décodeurs
(IEC 62087-5:2015)

Messverfahren für die Leistungsaufnahme von Audio-,
Video- und verwandten Geräten - Teil 5: Set-Top-Boxen
(IEC 62087-5:2015)

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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.

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

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European foreword

The text of document 100/2470/FDIS, future edition 1 of IEC 62087-5, prepared by Technical Area 12 “AV energy efficiency and smart grid applications” 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 62087-5:2016.

The following dates are fixed:

- latest date by which the document has to be (dop) 2016-08-19
implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2019-02-19
standards conflicting with the
document have to be withdrawn

This document supersedes EN 62087:2012 (partially).

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Endorsement notice

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61938:2013	NOTE	Harmonized as EN 61938:2013 (not modified).
IEC 62087 Series	NOTE	Harmonized as EN 62087 Series.
IEC 62087-2:2015	NOTE	Harmonized as EN 62087-2:2015 (not modified).
IEC 62542:2013	NOTE	Harmonized as EN 62542:2013 (not modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60107-1	1997	Methods of measurement on receivers for television broadcast transmissions - Part 1: General considerations - Measurements at radio and video frequencies	EN 60107-1	1997
IEC 62087-1	2015	Audio, video, and related equipment - Determination of power consumption - Part 1: General	EN 62087-1	2016
IEC 62216	2009	Digital terrestrial television receivers for the DVB-T system	EN 62216	2011

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INTRODUCTION

This part of IEC 62087 specifies methods for measurement of the power consumption of set top boxes for consumer use.

IEC 62087:2011¹ (third edition) revises methods for measuring power consumption of set top boxes in the On mode and Partial On modes. These modes correspond to the active modes which are defined in IEC 62542:2013.

This standard has been divided into multiple parts. At the time of publication of this part, the following parts are planned or published:

- Part 1: General
- Part 2: Signals and media
- Part 3: Television sets
- Part 4: Video recording equipment
- Part 5: Set top boxes (STB)
- Part 6: Audio equipment

¹ IEC 62087:2011, *Methods of measurement for the power consumption of audio, video and related equipment*