



# TECHNICAL SPECIFICATION

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**Guideline for synchronization of audio and video –  
Part 1-1: Measurement methods for synchronization of audio and video  
equipment and systems – General**

Withhold

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

PRICE CODE

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

### **GUIDELINE FOR SYNCHRONIZATION OF AUDIO AND VIDEO –**

#### **Part 1-1: Measurement methods for synchronization of audio and video equipment and systems – General**

#### FOREWORD

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- the subject is still under technical development, or where, for any other reason, there is the future but no immediate possibility of an agreement on an International Standard.

Technical specifications are subject to review within three years of publication to decide whether they can be transformed into International Standards.

IEC 62312-1-1, which is a technical specification, has been prepared by IEC technical committee 100: Audio, video and multimedia systems and equipment.

The text of this technical specification is based on the following documents:

| Enquiry draft | Report on voting |
|---------------|------------------|
| 100/1270/DTS  | 100/1316/RVC     |

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

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

The list of all the parts of IEC 62312, under the general title *Guideline for synchronization of audio and video*, can be found on the IEC website.

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

- transformed into an International standard,
- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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

Withdrawn

## INTRODUCTION

Audio and video equipment processes or reproduces the input signals of audio and video, then outputs these signals in various forms. Audio and video equipment needs time to process or reproduce the input signal. This time depends on the signal format, the architecture of equipment and the design of equipment. Hence audio and video equipment may have different output delays for audio and video signals, and this causes unsynchronised audio and video outputs.

This Technical Specification is the general part of the measurement method for that time difference between audio and video outputs. The other subparts of IEC/TS 62312-1 describe specific measurement methods for specific audio and video equipment.

Withdrawn

## **GUIDELINE FOR SYNCHRONIZATION OF AUDIO AND VIDEO –**

### **Part 1-1: Measurement methods for synchronization of audio and video equipment and systems – General**

#### **1 Scope**

This part of 62312 gives guidelines for methods of synchronization of audio and video.

This Technical Specification describes general measurement methods for the synchronization of audio and video equipment.

#### **2 Normative references**

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

IEC/TS 62312-2, *Guideline for synchronization of audio and video – Part 2: Methods for synchronization of audio and video systems*

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