

# INTERNATIONAL STANDARD

**Common control interface for networked digital audio and video products –  
Part 2: Audio**



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# INTERNATIONAL STANDARD

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**Common control interface for networked digital audio and video products –  
Part 2: Audio**

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ELECTROTECHNICAL  
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## CONTENTS

FOREWORD.....	4
INTRODUCTION.....	6
1 Scope.....	7
2 Normative references .....	7
3 Terms, definitions and abbreviations .....	7
3.1 Abbreviations .....	7
4 Audio format definitions.....	8
4.1 Audio signal format definitions.....	8
4.1.1 Audio parameters .....	8
4.1.2 Audio signal formats.....	9
4.2 Audio transport format definitions.....	12
4.3 Audio metadata format definitions .....	12
5 MIB definitions for audio blocks .....	13
5.1 General.....	13
5.2 Type definitions.....	13
5.2.1 Textual conventions.....	13
5.2.2 Sequences .....	15
5.3 Audio port and associated managed object type definitions .....	17
5.3.1 Generic port functionality.....	17
5.3.2 AES3 ancillary data .....	18
5.3.3 Phantom power .....	19
5.3.4 Audio locked to reference.....	19
5.4 Other audio block and associated managed object type definitions.....	20
5.4.1 Audio mixer blocks .....	20
5.4.2 Audio crosspoint blocks.....	23
5.4.3 Audio clip player blocks .....	26
5.4.4 Audio limiter blocks .....	29
5.4.5 Audio converter blocks .....	31
5.4.6 Audio level alarm blocks.....	32
6 Status broadcasts.....	34
6.1 General.....	34
6.2 Type definitions.....	34
6.2.1 Textual conventions.....	34
6.2.2 Sequences .....	34
6.3 Audio formats mapping.....	34
6.3.1 audioFormatsMapTable .....	35
6.3.2 audioFormatsMapEntry.....	35
6.3.3 afmNumber.....	35
6.3.4 afmFormat.....	35
6.4 Page formats.....	35
6.4.1 Audio port page .....	35
6.4.2 AES3 ancillary data page .....	35
6.4.3 Audio mixer page.....	36
6.4.4 Audio crosspoint page .....	36
6.4.5 Audio clip player page .....	37
6.4.6 Audio limiter page.....	37

6.4.7	Audio converter page .....	38
6.4.8	Audio level alarm page .....	38
6.5	Page groups .....	39
6.5.1	audioPorts .....	39
6.5.2	standardAudioBlocks .....	39
6.5.3	audioAlarms .....	40
Annex A (informative)	Machine-readable audio format definitions .....	41
Annex B (informative)	Machine-readable audio block definitions .....	56
Annex C (informative)	Machine-readable status page group definitions .....	74
Annex D (informative)	Machine-readable status page MIB definitions .....	75
Annex E (informative)	Worked examples .....	77
Annex F (informative)	Tree of example audio formats .....	86
Figure 1	– Audio port blocks .....	17
Figure 2	– Audio mixer block .....	21
Figure 3	– Audio crosspoint block .....	23
Figure 4	– Audio clip player block .....	26
Figure 5	– Audio limiter block .....	29
Figure 6	– Audio converter block .....	31
Figure 7	– Audio level alarm block .....	32
Table 1	– Managed objects for audio ports .....	17
Table 2	– Managed objects for AES3 ancillary data .....	18
Table 3	– Managed objects for phantom power .....	19
Table 4	– Managed objects for audio locked .....	20
Table 5	– Managed objects for audio mixer blocks .....	21
Table 6	– Managed objects for audio crosspoint blocks .....	23
Table 7	– Managed objects for audio clip player blocks .....	27
Table 8	– Managed objects for audio limiter blocks .....	30
Table 9	– Managed objects for audio converter blocks .....	31
Table 10	– Managed objects for audio level alarm blocks .....	33
Table 11	– Managed objects for audio format mappings .....	35
Table 12	– Status entries for audio port page .....	35
Table 13	– Status entries for AES3 ancillary data page .....	36
Table 14	– Status entries for audio mixer page .....	36
Table 15	– Status entries for audio crosspoint page .....	37
Table 16	– Status entries for audio clip player page .....	37
Table 17	– Status entries for audio limiter page .....	38
Table 18	– Status entries for audio converter page .....	38
Table 19	– Status entries for audio level alarm page .....	39

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**COMMON CONTROL INTERFACE FOR NETWORKED DIGITAL AUDIO AND VIDEO PRODUCTS –**

**Part 2: Audio**

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International Standard IEC 62379-2 has been prepared technical area 4: Digital system interfaces and protocols, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

The text of this standard is based on the following documents:

FDIS	Report on voting
100/1405/FDIS	100/1445/RVD

Full information on the voting for the approval of this standard 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 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

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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

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## INTRODUCTION

IEC 62379 specifies the common control interface, a protocol for managing equipment which conveys audio and/or video across digital networks.

This part of IEC 62379 specifies those aspects that are specific to audio equipment.

An introduction to the common control interface is given in IEC 62739-1.

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# COMMON CONTROL INTERFACE FOR NETWORKED DIGITAL AUDIO AND VIDEO PRODUCTS –

## Part 2: Audio

### 1 Scope

This part of IEC 62379 specifies aspects of the common control interface of IEC 62379-1 that are specific to audio.

### 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.

AES3-2003, *AES standard for digital audio — Digital input-output interfacing — Serial transmission format for two-channel linearly represented digital audio data*

AES10-2003, *AES recommended practice for digital audio engineering – Serial multichannel audio digital interface (MADI)*

AES50-2005, *AES standard for digital audio engineering – High-resolution multi-channel audio interconnection (HRMAI)*

IEC 62379-1:2007, *Common control interface for networked audio and video products – Part 1: General*

ITU-T Recommendation G.711, *Pulse code modulation (PCM) of voice frequencies*

ITU-T Recommendation G.722, *7kHz audio-coding within 64 kbit/s*

ITU-T Recommendation J.41, *Characteristics of equipment for the coding of analogue high quality sound programme signals for transmission on 384 kbit/s channels*

ITU-T Recommendation J.57, *Transmission of digital studio quality sound signals over H1 channels*

### 3 Terms, definitions and abbreviations

For the purposes of this document, the terms and definitions given in IEC 62379-1 apply along with the following abbreviations.

#### 3.1 Abbreviations

##### 3.1.1

**pulse code modulation**  
**PCM**

##### 3.1.2

**motion pictures expert group**  
**MPEG**