INTERNATIONAL STANDARD

IEC 61937-7

First edition 2002-05

Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 –

Part 7:

Non-linear PCM bitstreams according to the ATRAC and ATRAC 2/3 formats

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

DIGITAL AUDIO – INTERFACE FOR NON-LINEAR PCM ENCODED AUDIO BITSTREAMS APPLYING IEC 60958 –

Part 7: Non-linear PCM bitstreams according to the ATRAC and ATRAC2/3 formats

FOREWORD

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International Standard IEC 61937 has been prepared by Technical Area 4, Digital system interfaces, of IEC Technical Committee 100: Audio, video and multimedia systems and equipment.

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

>	\rangle	FDIS	Report on voting
		100/457/FDIS	100/492/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 2005. At this date, the publication will be:

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- withdrawn;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

INTRODUCTION

The format of the IEC 60958 interface consists of a sequence of IEC 60958 sub-frames. Each IEC 60958 sub-frame is normally used to carry one linear PCM sample, but may also be used to convey data. The non-linear PCM encoded audio bitstreams to be transported over this interface are formed into a sequence of data-bursts. IEC 61937 defines the data-bursts of the data-types NULL, AC-3, PAUSE, MPEG-1, AC-3, MPEG-1, Layer-2 or Layer-3, or MPEG-2 without extension, MPEG-2 with extension, MPEG-2, Layer-1 Low sampling frequency and MPEG-2, Layer-2 or Layer-3 Low sampling frequency.

This part specifies the data-types ATRAC and ATRAC2/3.

