

Methods of measurement for DVD players

The European Standard EN 62389:2006 has the status of a
British Standard

ICS 33.160.40

National foreword

This British Standard is the official English language version of EN 62389:2006. It is identical with IEC 62389:2005.

The UK participation in its preparation was entrusted to Technical Committee EPL/100, Audio, video and multimedia systems and equipment, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep UK interests informed;
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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 13 and a back cover.

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Methods of measurement for DVD players
(IEC 62389:2005)

Méthodes de mesure
pour les lecteurs DVD
(CEI 62389:2005)

Messverfahren
für DVD-Wiedergabegeräte
(IEC 62389:2005)

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CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of the International Standard IEC 62389:2005, prepared by IEC TC 100, Audio, video and multimedia systems and equipment, was submitted to the formal vote and was approved by CENELEC as EN 62389 on 2006-05-01 without any modification.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2007-05-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2009-05-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62389:2005 was approved by CENELEC as a European Standard without any modification.

METHODS OF MEASUREMENT FOR DVD PLAYERS

1 Scope

This International Standard specifies measurement methods of electrical characteristics for consumer-use DVD players. This standard is applicable for use in the description of performances for catalogues and brochures of the products.

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 61672-1, *Electroacoustics – Sound level meters – Part 1: Specifications*

IEC 61672-2, *Electroacoustics – Sound level meters – Part 2: Pattern evaluation tests*

IEC 61606-1, *Audio and audiovisual equipment – Digital audio parts – Basic measurement methods of audio characteristics – Part 1: General*

IEC 61606-2, *Audio and audiovisual equipment – Digital audio parts – Basic measurement methods of audio characteristics – Part 2: Consumer use*

ITU-R BT.471-1, *Nomenclature and description of colour bar signals*

SMPTE EG 1,1990, *Alignment colour bar test signal for television picture monitors*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in IEC 61606-1 and IEC 61606-2, as well as the following, apply.

3.1

video signal

composite video signal including synchronization signal

3.2

S video signal

video signal separately transferred by Y signal and C signal

NOTE The Y signal is composed of the luminance signal and the synchronization signal from the composite video signal and does not include the chrominance signal. The C signal is the modulated chrominance signal.

3.3

component signal

set of three kinds of signals, Y signal and two chrominance signals

3.4

V or H synchronized sweep signal

video test signals that frequency is swept within a certain frequency range by vertical or horizontal synchronization timing.