

Svenska Elektriska Kommissionen, SEK

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Audio-, video- och liknande elektronisk utrustning – Allprovning i produktion med avseende på elsäkerhet

*Audio, video and similar electronic apparatus –
Routine electrical safety testing in production*

Som svensk standard gäller europastandarden EN 50333:2001. Den svenska standarden innehåller den officiella engelska språkversionen av EN 50333:2001.

Standarden skall användas tillsammans med tidigare utgiven svensk standard SS-EN 60065, utgåva 2, 1998, och dess separat utgivna ändringar och tillägg.

EUROPEAN STANDARD

EN 50333

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2001

ICS 97.020

English version

**Audio, video and similar electronic apparatus -
Routine electrical safety testing in production**

Appareils audio, vidéo et appareils
électroniques analogues -
Essais individuels de série,
en production, pour la vérification
de la sécurité électrique

Audio-, Video- und ähnliche
elektronische Geräte -
Stückprüfungen der elektrischen
Sicherheit in der Fertigung

This European Standard was approved by CENELEC on 2000-04-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

This European Standard was prepared by the Technical Committee CENELEC TC 92, Safety of audio, video and similar electronic equipment.

The text of the draft was submitted to the Unique Acceptance Procedure (UAP) and was approved by CENELEC as EN 50333 on 2000-04-01.

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 endorsement (dop) 2001-10-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2003-04-01

EN 60065 specifies TYPE TESTS only. TYPE TESTS may not be suitable as ROUTINE TESTS to be carried out on apparatus during the manufacturing process or at the end of the production line. Nevertheless it is recognised that some safety tests are necessary in order to guarantee an acceptable level of production uniformity, which is also a requirement for certified products.

This standard defines tests to measure the resistance of the protective earthing circuit and to check the insulation between the primary circuits and ACCESSIBLE conductive parts. In addition, it defines the documentation to be maintained by the manufacturer.

Terms used throughout this standard which have been defined in EN 60065 are printed in SMALL ROMAN CAPITALS.

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1 Scope

This standard applies to audio, video and similar electronic apparatus. It defines the ROUTINE ELECTRICAL SAFETY TESTS and their procedures to be applied during or at the end of the manufacturing process of apparatus certified or declared as complying with EN 60065.

Alternatively, manufacturers can apply the tests of this standard to sub-assemblies, components, etc. so long as the final apparatus continues to comply with EN 60065.

In all cases the application of the tests detailed in this standard is design dependent and need to be defined by the manufacturer.

2 Normative references

This standard incorporates by dated or undated references, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication applies.

EN 60065:1998, *Audio, video and similar electronic apparatus - Safety requirements (IEC 60065:1998, modified)*

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