



National Standards Authority of Ireland

IRISH STANDARD

I.S. HD 195 : Edition 1 : 1990

ICS 13.260
33.160

**SAFETY REQUIREMENTS FOR MAINS
OPERATED ELECTRONIC AND RELATED
APPARATUS FOR HOUSEHOLD AND
SIMILAR GENERAL USE.**

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800
Tel: (01) 807 3838

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
December 21, 1990*

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Údarás um Chaighdeáin Náisiúnta na hÉireann

DECLARATION

OF

SPECIFICATION

ENTITLED

**SAFETY REQUIREMENTS FOR MAINS OPERATED ELECTRONIC AND RELATED
APPARATUS FOR HOUSEHOLD AND SIMILAR GENERAL USE**

AS

THE IRISH STANDARD SPECIFICATION FOR

**SAFETY REQUIREMENTS FOR MAINS OPERATED ELECTRONIC AND RELATED
APPARATUS FOR HOUSEHOLD AND SIMILAR GENERAL USE**

EOLAS - The Irish Science and Technology Agency in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 (No. 20 of 1961) and the Science and Technology Act, 1987 (No. 30 of 1987), and with the consent of the Minister for Industry and Commerce, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Safety Requirements for Mains Operated Electronic and Related Apparatus for Household and Similar General Use) Declaration, 1990.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Safety Requirements for Mains Operated Electronic and Related Apparatus for Household and Similar General Use. The schedule comprises the text of HD 195 S6:1989 plus Common Modifications.

(2) The said standard specification may be cited as Irish Standard/HD 195 : 1990 or as I.S./HD 195 : 1990.
3. (1) The Standard Specification (Safety Requirements for Mains Operated Electronic and Related Apparatus for Household and Similar General Use) Declaration, 1980, is hereby revoked.

(2) Reference in any other standard specification to the Instrument hereby revoked and to Irish Standard 206 : 1980, thereby prescribed, shall be construed, respectively, as references to this Instrument and to Irish Standard/HD 195 : 1990.

CENELEC

Rue Bréderode 2 Bte 5 - 1000 BRUXELLES
Tel: (+32 2) 519 68 71 - Telex 28257 Cenelec b
Fax: (+32 2) 519 68 19 - Teletex 206 221 0097 CENCEL

HD 195 S6

ENGLISH VERSION

UDC: 621.396.62+621.397.62+621.3.002.52 001.4.004.1 :614.825

KEY WORDS: Electronic equipment; domestic use; general use; mains operated; safety requirements; marking; splash-proof electronic equipment

SAFETY REQUIREMENTS FOR MAINS OPERATED ELECTRONIC AND RELATED APPARATUS FOR HOUSEHOLD AND SIMILAR GENERAL USE

Règles de sécurité pour les appareils électroniques et appareils associés à usage domestique ou à usage général analogue, reliés à un réseau

Sicherheitsbestimmung für netzbetriebene elektronische Geräte und deren Zubehör für den Hausgebrauch und ähnliche allgemeine Anwendung

BODY OF THE HD

The Harmonization Document consists of:

- IEC 65 (1985) ed 5; IEC/SC 12B, not appended
- with CENELEC common modifications

This Harmonization Document was approved by CENELEC on 7 March 1989.

The English and French versions of this Harmonization Document are provided by the text of the IEC publication and the German version is the official translation of the IEC text.

All texts prepared by CENELEC exist in three official versions (English, French, and German).

According to the CENELEC Internal Regulations the CENELEC member National Committees are bound:

to announce the existence of this Harmonization Document at national level by or before 1989-09-01

to publish their new harmonized national standard by or before 1990-03-01

to withdraw all conflicting national standards by or before 1990-03-01.

Harmonized national standards are listed on the HD information sheet, which is available from the CENELEC National Committees or from the CENELEC Central Secretariat.

The CENELEC National Committees are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxemburg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

ENDORSEMENT NOTICE

IEC 65, fifth edition (1985), applies for EC and EFTA countries except Norway taking into account the following modifications:

| CLAUSE | COMMON MODIFICATION |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.1 | <p>Add to the text of the scope:</p> <p>"Equipment explicitly mentioned in the scope of EN 60 950 is not covered by this standard."</p> |
| 1.5 | Delete this Sub-clause. |
| 2.43 | <p>Add the following new Sub-clause:</p> <p><u>Non clipped output power</u> of an audio amplifier denotes the maximum attainable sinewave power dissipated in the rated load impedance, measured at 1000 Hz at the onset of clipping. In cases where the amplifier is not intended for operation at 1000 Hz, a test frequency at the nominal peak response of the amplifier shall be used.</p> |
| 3 | <p>Add the following at the end of this Clause:</p> <p>"The apparatus shall be constructed so as to ensure adequate protection against electric shock by the provision of either earthing (Class I construction) or special insulation methods (Class II construction)."</p> |
| 4.2.6 | <p>Replace the text of Sub-clause 4.2.6 b) by:</p> <p>b) The apparatus operated in such a way as to deliver one eighth of the rated output power to the rated load impedance, using the standard signal described in Sub-clause 4.1.5 or</p> <p>the apparatus is operated in such a way as to deliver one eighth of the non clipped output power to the rated load impedance using the standard signal described in Sub-clause 4.1.5.</p> <p>Where clipping is not possible, one eighth of the maximum attainable power is taken.</p> |

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