



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 60948 : 1991**

ICS 97.180

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**NUMERIC KEYBOARD FOR HOME**

**ELECTRONIC SYSTEMS (HES) (IEC 948:1988)**

*This Irish Standard was  
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Údarás um Chaighdeáin Náisiúnta na hÉireann



# **DECLARATION**

**OF  
SPECIFICATION  
ENTITLED**

**NUMERIC KEYBOARD FOR HOME ELECTRONIC SYSTEMS (HES)  
(IEC 948:1988)**

**AS**

**THE IRISH STANDARD SPECIFICATION FOR**

**NUMERIC KEYBOARD FOR HOME ELECTRONIC SYSTEMS (HES)  
(IEC 948:1988)**

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**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 (Numeric Keyboard for Home Electronic Systems (HES)(IEC 948:1988)) Declaration, 1991.**

**2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Numeric Keyboard for Home Electronic Systems (HES)(IEC 948:1988). The Schedule comprises the text of EN 60948 : 1990.**

**(2) The said standard specification may be cited as Irish Standard/EN 60948 : 1991 or as I.S./EN 60948 : 1991.**



NORME EUROPEENNE

EUROPAISCHE NORM

November 1990

UDC 621.398:64

Descriptors: Electronic equipment, household equipment, videotex,  
control equipment, remote control, keyboard,  
numerical character, key, layout

## ENGLISH VERSION

NUMERIC KEYBOARD FOR HOME ELECTRONIC SYSTEMS (HES)  
(IEC 948:1988)

Clavier numérique pour systèmes  
électroniques domestiques (SED)  
(CEI 948:1988)

Numerische Tastatur für  
Heim-Elektronik-Systeme (HES)  
(IEC 948:1988)

This European Standard was approved by CENELEC on 1990-06-11.  
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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,  
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

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Ref. No. EN 60948:1990 E

## FOREWORD

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 948:1988 could be accepted without textual changes, has shown that no CENELEC common modifications were necessary for the acceptance as European Standard. The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as EN 60948 on 11 June 1990.

The following dates were fixed:

- latest date of publication of  
an identical national standard (dop) 1991-06-15
- latest date of withdrawal of  
conflicting national standards (dow) 1991-06-15

For products which have complied with the relevant national standard before 1991-06-15, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1996-06-15.

## ENDORSEMENT NOTICE

The text of the International Standard IEC 948:1988 was approved by CENELEC as a European Standard without any modification.

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