

Specification for

Reference coupler for the measurement of hearing aids using earphones coupled to the ear by means of ear inserts —

(Implementation of
CENELEC HD 305 S1)

[IEC title: IEC reference coupler for the measurement of hearing
aids using earphones coupled to the ear by means of ear inserts]

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Cooperating organizations

The Electronic Equipment Standards Committee, under whose direction this British Standard was prepared, consists of representatives from the following:

British Broadcasting Corporation*
 British Electrical and Allied Manufacturers' Association (BEAMA)
 British Radio Equipment Manufacturers' Association *
 Cable and Wireless Limited
 Cable Television Association of Great Britain
 Department of Industry (National Physical Laboratory)*
 Electricity Supply Industry in England and Wales
 Electronic Components Industry Federation
 Electronic Engineering Association
 Institution of Electronic and Radio Engineers*
 Post Office*
 Post Office Engineering Union
 Scientific Instrument Manufacturers' Association*

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the Technical Committee entrusted with the preparation of this British Standard:

British Association of Otolaryngologists
 British Medical Association
 British Society of Audiology
 Department of Health and Social Security
 Health and Safety Executive
 Hearing Aid Industry Association
 Institute of Physics
 Institute of Sound and Vibration Research
 Manchester Area Health Authority
 Medical Research Council
 Ministry of Defence
 Royal Aeronautical Society
 Royal National Institute for the Deaf
 Royal Society of Medicine
 Society of Hearing Aid Audiologists Limited

This British Standard, having been prepared under the direction of the Electronic Equipment Standards Committee, was published under the authority of the Executive Board and comes into effect on 30 June 1981

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The following BSI references relate to the work on this standard:
 Committee reference EEL/24
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Amendments issued since publication

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National foreword

This British Standard has been published under the direction of the Electronic Equipment Standards Policy Committee and is identical with IEC 126:1973 “*IEC reference coupler for the measurement of hearing aids using earphones coupled to the ear by means of ear inserts*”, published by the International Electrotechnical Commission (IEC). This British Standard is also in agreement with Harmonization Document HD 305 S1 published by the European Committee for Electrotechnical Standardization (CENELEC).

Wherever the word “recommendation” appears, referring to this standard, it should be read as “British Standard”.

References to page numbers in the text relate to the IEC page numbers given in brackets at the bottom of each page.

Cross-reference

International Standard	Corresponding British Standard
IEC 50 (801) 1984	BS 4727 <i>Glossary of electrotechnical, power, telecommunications, electronics, lighting and colour terms</i> Part 3: <i>Terms particular to telecommunications and electronics</i> Group 08:1985 <i>Acoustics and electroacoustics terminology</i> (Identical)

Additional information. BS 3171:1968 which used to partially deal with this subject has now been withdrawn following the publication of BS 6083 “*Hearing aids*”: Part 0:1984 “*Methods for measurement of electroacoustical characteristics*”. BS 6083-0 refers to use of an occluded-ear simulator to IEC 711 standard (BS 6310:1982) in preference to the acoustic coupler covered by BS 6111.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.