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INTERNATIONAL ELECTROTECHNICAL
VOCABULARY

Chapter 801—ACOUSTICS AND
ELECTRO-
ACOUSTICS



This Australian Standard was prepared by Committee TE/13, Symbols, Units & Quantities for Electrotechnology. It was approved on behalf of the Council of the Standards Association of Australia on 15 March 1988 and published on 17 June 1988.

The following interests are represented on Committee TE/13:

Australian Electrical and Electronic Manufacturers Association
Confederation of Australian Industry
Department of Administrative Services—Construction Group (Commonwealth)
Department of Defence
Department of Technical and Further Education, N.S.W., Victoria and South Australia
Department of Transport and Communications (Commonwealth)
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AUSTRALIAN STANDARD

**INTERNATIONAL
ELECTROTECHNICAL VOCABULARY**
Chapter 801
**ACOUSTICS AND ELECTRO-
ACOUSTICS**

AS 1852(801)—1988

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PREFACE

This Standard was prepared by the Association's Committee on Symbols, Units and Quantities for Electrotechnology, under the authority of both the Telecommunications and Electronics Standards Board and the Electrical Standards Board. This Standard together with AS 1852(806), supersedes AS 1852(08)—1970, *International Electrotechnical Vocabulary, Electro-acoustics*, which was withdrawn in July 1985. This Standard is identical with and has been reproduced from IEC 50(801)—1984. Acknowledgement is accordingly made to the International Electrotechnical Commission for this assistance.

This Standard is one of the AS 1852 series of Standards. In the past, this series has consisted of direct endorsements of the IEC 50 series of the International Electrotechnical Vocabulary. In future, newly issued parts of IEC 50, when appropriate, will be issued as Australian Standards, i.e. not endorsements. The full text of the definitions in English, French and Russian has been included as some definitions are considered to be incomplete when produced in one language.

The purpose of the AS 1852 series is to provide a glossary of terms used in electrical engineering. The series lists terms in English, French and Russian, and in some cases Spanish. It is intended that other Australian Standards will refer to AS 1852 and not repeat any definitions.

CONTENTS

SECTION	<i>Page</i>
801-01 GENERAL TERMS	3
801-02 LEVELS	12
801-03 TRANSMISSION AND PROPAGATION	18
801-04 OSCILLATION	27
801-05 TRANSDUCER PARAMETERS (UNDER CONSIDERATION)	32
801-06 MICROPHONES	32
801-07 LOUDSPEAKERS AND EARPHONES	38
801-08 VARIOUS APPARATUS	42
801-09 PHYSIOLOGICAL ACOUSTICS	46
801-10 MUSICAL ACOUSTICS	57
801-11 ARCHITECTURAL ACOUSTICS	61
801-12 UNDERWATER ACOUSTICS	71
INDEX	80

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard

INTERNATIONAL ELECTROTECHNICAL VOCABULARY
CHAPTER 801—ACOUSTICS AND ELECTRO-ACOUSTICS

SECTION 801-01—GENERAL TERMS

801-01-01

oscillation acoustique
vibration acoustique
son

Mouvement des particules d'un milieu élastique de part et d'autre d'une position d'équilibre.

acoustical oscillation
acoustic vibration
sound

Movement of particles in an elastic medium about an equilibrium position.

акустическое колебание
вибрация
звук

Движение частиц упругой среды около положения равновесия.

801-01-02

son (audible)

a) Vibration acoustique capable d'éveiller une sensation auditive.

b) Sensation auditive engendrée par une vibration acoustique.

audible sound

a) Acoustic oscillation of such a character as to be capable of exciting the sensation of hearing.

b) Sensation of hearing excited by an acoustic oscillation vibration.

слышимый звук

a) Акустическое колебание, способное вызывать слуховое ощущение.

b) Слуховое ощущение, вызванное акустическим колебанием.

801-01-03

infrason

Vibration acoustique dont la fréquence est inférieure à la limite inférieure des fréquences des sons audibles (environ 16 Hz).

infrasound

Acoustic oscillation whose frequency is below the low-frequency limit of audible sound (about 16 Hz).

инфразвук

Акустическое колебание, частота которого ниже низкочастотного предела слышимого звука (около 16 Гц).

801-01-04

ultrason

Vibration acoustique dont la fréquence est supérieure à la limite supérieure des fréquences des sons audibles (environ 16 kHz).

ultrasound

Acoustic oscillation whose frequency is above the high-frequency limit of audible sound (about 16 kHz).

ультразвук

Акустическое колебание, частота которого выше высокочастотного предела слышимого звука (около 16 кГц).

801-01-05

son pur

Vibration acoustique sinusoidale.

pure sound
pure tone

Sinusoidal acoustic oscillation.

чистый звук
чистый тон

Синусоидальное акустическое колебание.