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ANSI S12.65-2006
(Revision of ANSI S3.14-1977)

AMERICAN NATIONAL STANDARD

For Rating Noise with Respect to Speech Interference

ANSI S12.65-2006

Accredited Standards Committee S12, Noise

Standards Secretariat
Acoustical Society of America
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**For Rating Noise with Respect to Speech
Interference**

Secretariat

Acoustical Society of America

Approved 28 February 2006

American National Standards Institute, Inc.

Abstract

This standard defines a simple numerical method for rating the expected speech-interfering aspects of noise using acoustical measurements of the noise.

AMERICAN NATIONAL STANDARDS ON ACOUSTICS

The Acoustical Society of America (ASA) provides the Secretariat for Accredited Standards Committees S1 on Acoustics, S2 on Mechanical Vibration and Shock, S3 on Bioacoustics, and S12 on Noise. These committees have wide representation from the technical community (manufacturers, consumers, trade associations, organizations with a general interest, and government representatives). The standards are published by the Acoustical Society of America as American National Standards after approval by their respective Standards Committees and the American National Standards Institute.

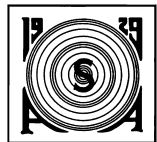
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Contents

1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Nomenclature	2
5	Application of the speech interference level.....	2
5.1	Rank-ordering of noises with respect to speech interference.....	2
5.2	Face-to-face communication.....	2

Figures

Figure 1 – Talker-to-listener distances for just-reliable communication	4
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Foreword

[This Foreword is for information only, and is not a part of the American National Standard ANSI S12.65 - 2006 American National Standard For Rating Noise with Respect to Speech Interference.]

This standard comprises a part of a group of definitions, standards, and specifications for use in noise. It was developed and approved by Accredited Standards Committee S12 Noise, under its approved operating procedures. Those procedures have been accredited by the American National Standards Institute (ANSI). The Scope of Accredited Standards Committee S12 is as follows:

Standards, specifications, and terminology in the field of acoustical noise pertaining to methods of measurement, evaluation, and control; including biological safety, tolerance, and comfort, and physical acoustics as related to environmental and occupational noise.

This standard is a revision and redesignation of ANSI S3.14-1977. In this revision the normative references have been updated, some new bibliographic references have been added as well as some introductory material about Speech Transmission Index (STI), Rapid Speech Transmission Index (RASTI), Articulation Index (AI), and Percent Loss of Consonants (%ALCONS), although these are not included in this standard. The definition of speech interference level has also been updated to be consistent with ANSI S1.1-1994.

This standard is not comparable to any existing ISO Standard

At the time this Standard was submitted to Accredited Standards Committee S12, Noise for approval, the membership was as follows:

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