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Australian Standard®

GUIDE TO THE USE OF SOUND-MEASURING EQUIPMENT

Part 1—PORTABLE SOUND LEVEL METERS

This Australian Standard was prepared by Committee AV/2, Acoustics, Instrumentation and Measurement Techniques. It was approved on behalf of the Council of the Standards Association of Australia on 5 December 1987 and published on 5 April 1988.

The following interests are represented on Committee AV/2:

Australian Acoustical Society
Australian Environment Council
Association of Consulting Engineers Australia
Department of Industrial Relations and Employment, N.S.W.
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Department of Transport and Communications
CSIRO, Division of Building Research
National Acoustic Laboratories
National Association of Testing Authorities Australia
National Building Technology Centre
CSIRO, National Measurement Laboratory
Telecom Australia
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PREFACE

This Standard was prepared by the Association's Committee on Acoustics, Instrumentation and Measurement Techniques, to supersede SAA MP44.1, *Guide for the use of sound measuring equipment, Part 1: Portable sound level meters*.

Since 1979 considerable development has taken place in the design of sound measuring equipment and in techniques of measurement.

The purpose of this Standard is to provide background information and to define terminology applicable to the sound measurement field, but more importantly, to describe many of the more commonly encountered standard sound measurement procedures and techniques.

This Standard is restricted to the use of portable sound level meters, although some reference is made to complementary instrumentation. The use of more complex measurement and analysis systems will in general require a reasonably high level of formal technical training on the part of the user and the intention here is to provide a basic reference rather than an advanced text.

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