AS 2201.3-1991

Australian Standard®

Intruder alarm systems

Part 3: Detection devices for internal use

This Australian Standard was prepared by Committee EL/31, Intruder Alarm Equipment and Installations. It was approved on behalf of the Council of Standards Australia on 4 October 1990 and published on 28 March 1991.

The following interests are represented on Committee EL/31: Association of Burglary Insurance Surveyors Australasia Australian Electrical and Electronic Manufacturers Association Australian Security Industry Association Building Owners and Managers Association of Australia Confederation of Australian Industry Department of Administrative Services - Australian Construction Services Department of Defence Insurance Council of Australia Metal Trades Industry Association of Australia N.S.W Police Department N.S.W Public Works Department Tasmania Police Telecom Australia Victoria Police Victorian Security Institute

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First published as AS 2201.3—1985. Second edition 1991.

PUBLISHED BY STANDARDS AUSTRALIA (STANDARDS ASSOCIATION OF AUSTRALIA) 1 THE CRESCENT, HOMEBUSH, NSW 2140

PREFACE

This Standard was prepared by the Standards Australia Committee on Intruder Alarm Equipment and Installations.

This Standard is Part 3 of a three-part Standard, the parts of which are as follows:

Part 1: Systems Installed in Client's Premises

Part 2: Central Stations and Signalling Links

Part 3: Detection Devices for Internal Use (this part)

This Standard is basically the same as AS 2201.3—1985 but incorporates changes to make it suitable for quality assurance certification on detection devices. It details the minimum performance requirements of a variety of detection devices together with their associated test methods. Only commonly used detectors are included and closed-circuit television and the external type of detectors have been excluded. Equipment which can comply with these requirements can be considered to be of high quality and thus help to reduce the high false alarm rate currently being experienced. The test methods have been selected for the worst conditions and these conditions should be avoided in practice.

It should be noted that the requirements and test methods specified may be different and more onerous than those specified in International Standards such as Underwriters Laboratories Standard for Safety, UL 639, Intrusion-detection units, and International Electrotechnical Commission Standard, IEC 839, Alarm systems. It is the intention of the Committee to bring this Standard into line with such International Standards (IEC 839-2, Part 2: *Requirements for intruder alarm systems*, is still under consideration) with the publication of a new edition at a later date.

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