

Australian Standard[®]

Intruder alarm systems

**Part 4: Wire-free systems
installed in client's premises**

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 31 January 1990 and published on 7 May 1990.

The following interests are represented on Committee EL/31:

Association of Burglary Insurances Surveyors Australasia
Australian Electrical and Electronic Manufacturers Association Limited
Australian Security Industry Association Limited
Building Owners and Managers Association of Australia Limited
Confederation of Australian Industry
Department of Administrative Services—Australian Construction Services
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Department of Transport and Communications
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PREFACE

This Standard was prepared by the Standards Australia Committee on Intruder Alarm Equipment and Installations. It is intended to assist in selecting the class of equipment best suited to particular risks and to enable them to achieve a complete and accurate specification of the protection required in particular premises.

The Standard is Part 4 of a four-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
- Part 4: Wire-free systems installed in client's premises (this Standard).

Wire-free intruder alarm systems include non-wired signalling paths, using electromagnetic radiation or sound to transmit telemetry or telecommand signals between its component parts.

In the preparation of this Standard reference has been made to existing International and National Standards particularly BS 6799, British Standard Code of Practice for Wire-free intruder alarm systems.

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STANDARDS AUSTRALIA

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE. This Standard sets out the classification of systems and the system and equipment requirements of intruder alarm systems installed in client's premises where the principal interconnections are by wire-free links. Such systems consist of detection devices, control equipment, warning and signalling devices, and the necessary power supply equipment.

This Standard does not cover the transmission of signals from the protected location to a remote centre. (See AS 2201.2 for signalling links between client's premises and central stations.)

1.2 REFERENCED DOCUMENTS. The following documents are referred to in this Standard:

AS

2201 Intruder alarm systems

2201.1 Part 1: Systems installed in client's premises

2201.2 Part 2: Central stations and signalling links

2201.3 Part 3: Detection devices for internal use

Department of Transport and Communications Standards which include frequency and power requirements

1.3 DEFINITIONS. For the purposes of this Standard, the definitions given in AS 2201.1 and the following apply:

1.3.1 Wire-free system—a system employing electromagnetic radiation or sound to transmit telemetry or telecommand signals between component parts of an intruder alarm system.

1.3.2 Remote control equipment—equipment linked by a wire-free means to the control equipment.

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