

Code of practice for

Wire-free interconnections within intruder alarms

ICS 13.310

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Committees responsible for this Draft for Development

The preparation of this Draft for Development was entrusted to Technical Committee GW/1, Electronic security systems, upon which the following bodies were represented:

- Association of British Insurers
- Association of Chief Police Officers of England and Wales
- Association of Security Consultants
- British Security Industry Association
- British Telecommunications plc
- Consumer Policy Committee of BSI
- Department of the Environment (Building Research Establishment)
- Electrical Contractors' Association
- Fire Brigades Union
- National Approval Council for Security Systems
- Security Facilities Executive
- Security Systems and Alarms Inspection Board

This Draft for Development, having been prepared under the direction of the Sector Board for Consumer Products and Services, was published under the authority of the Standards Board and comes into effect on 15 January 1998

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Amendments issued since publication

Amd. No.	Date	Text affected

The following BSI reference relates to the work on this standard:
Committee reference GW/1

ISBN 0 580 28976 1

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Foreword

This Draft for Development has been prepared by Technical Committee GW/1.

The recommendations contained in this code supplement those contained in BS 6799 : 1986 and in BS 4737.

NOTE. The use of radio frequency transmission for wire-free interconnections within intruder alarm systems is controlled by the Radiocommunications Agency (an executive agency of the Department of Trade and Industry) and products employing radio have to comply with the appropriate regulations.

As a code of practice, this Draft for Development takes the form of guidance and recommendations. It should not be quoted as if it were a specification and particular care should be taken to ensure that claims of compliance are not misleading.

This Draft for Development is not to be regarded as a British Standard.

It is being issued in the Draft for Development series of publications and is of a provisional nature. It should be applied on this provisional basis, so that information and experience of its practical application may be obtained.

A review of this Draft for Development will be carried out not later than 2 years after its publication. Notification of the start of the review period, with a request for the submission of comments from users of this Draft for Development, will be made in an announcement in *Update Standards*.

According to the replies received, the responsible BSI Committee will judge whether the Draft for Development can be converted into a British Standard or what other action should be taken.

Observations which it is felt should receive attention before the official call for comments will be welcomed.

These should be sent to the Secretary of BSI Technical Committee GW/1 at BSI Head Office, 389 Chiswick High Road, London, W4 4AL, giving the document reference and clause number and proposing, where possible, an appropriate revision of the text.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 8, an inside back cover and a back cover.

1 Scope

This Draft for Development applies to wire-free interconnections (known as wire-free systems) which are used within intruder alarm systems.

It does not apply to wire-free interconnections used solely for portable deliberately-operated devices within a system.

It does not cover transmission of signals from the protected location to a remote centre.

NOTE. It is not the intention of this code of practice that products be required to incorporate any patented technologies or to use any protected words. It is solely the responsibility of the makers and suppliers of products and systems to check for themselves the patent, trademark and copyright position in relation to their products and services.

2 References

2.1 Normative references

This Draft for Development incorporates, by dated reference, provisions from other publications. These normative references are made at the appropriate places in the text and the cited publications are listed on the inside back cover. For dated references, only the edition cited applies; any subsequent amendments to or revisions of the cited publication apply to this Draft for Development only when incorporated in the reference by amendment or revision.

2.2 Informative reference

This Draft for Development refers to another publication that provides information or guidance. The edition of this publication current at the time of issue of this standard is listed on the inside back cover, but reference should be made to the latest edition.

3 Definitions

For the purposes of this Draft for Development, the definitions given in BS 6799 : 1986 and in BS 4737 : 1986 apply.

4 Classification of systems

For the purposes of this Draft for Development the classifications given in BS 6799 : 1986 apply. In addition, the following class is also used.

Class VI

Wire-free system providing the same features as class V and additionally providing the features and following the recommendations of annex A.

NOTE. Examples of product and system documentation are given in annex B.

5 System selection

5.1 Wire-free systems of class I should not be used.

5.2 Wire-free systems of class II should not be used.

5.3 Use of wire-free systems of class III is restricted to audible-only alarm systems.

5.4 Use of wire-free systems of class IV is restricted to audible-only alarm systems.

5.5 Use of wire-free systems of class V is restricted to audible-only alarm systems.

5.6 Wire-free systems incorporated in remote-signalling intruder alarms should be of class VI.

NOTE. Class VI wire-free systems may also be used within audible-only intruder alarms.