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**ALARM SYSTEMS - SOCIAL ALARM  
SYSTEMS PART 5: INTERCONNECTIONS AND  
COMMUNICATIONS**

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English version

**Alarm systems -  
Social alarm systems  
Part 5: Interconnections and communications**

Systemes d'alarme -  
Systemes d'alarme sociale  
Partie 5: Communication  
et interconnexion

Alarmanlagen -  
Personen-Hilferufanlagen  
Teil 5: Verbindungen  
und Kommunikation

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**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

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## Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 79, Alarm systems.

The text of the draft was submitted to the formal vote and was approved by CENELEC as EN 50134-5 on 2004-10-01.

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
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  - latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2007-10-01
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## Contents

|   |    |
|---|----|
| Introduction.....   | 4  |
| 1 Scope.....  | 4  |
| 2 Normative references .....  | 4  |
| 3 Definitions and abbreviations.....  | 4  |
| 3.1 Definitions .....   | 4  |
| 3.2 Abbreviations .....   | 6  |
| 4 General requirements .....  | 6  |
| 5 Interconnections .....  | 6  |
| 5.1 General requirements.....   | 6  |
| 5.2 Requirements for two-way speech communication.....  | 7  |
| 6 Communications .....  | 7  |
| 6.1 General requirements.....   | 7  |
| 6.2 Non-dedicated paths .....   | 8  |
| 6.3 Dedicated paths .....   | 8  |
| 6.4 Voice communicators .....   | 8  |
| 7 Tests .....   | 9  |
| 7.1 Determining availability .....  | 9  |
| Annex A (normative) Test method for electro-acoustical 2-way speech tests<br>of loudspeaker output and microphone input of the local unit ..... | 10 |
| A.1 Loudspeaker.....  | 10 |
| A.2 Microphone.....   | 11 |
| Bibliography .....  | 12 |
| Table 1 - Transmission types .....  | 6  |
| Table 2 - General communication requirements for a social alarm system .....  | 8  |

## Introduction

A social alarm system provides 24 h facilities for alarm triggering, identification, signal transmission, alarm reception, logging and 2-way speech communication, to provide reassurance and assistance for people considered to be at risk.

## 1 Scope

This European Standard specifies the minimum requirements for the interconnections and communications within a social alarm system.

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

| <u>Publication</u> | <u>Year</u> | <u>Title</u>   |
|--------------------|-------------|--|
| EN 50134-3         | 2001        | Alarm systems – Social alarm systems – Part 3: Local unit and controller   |
| EN 50136-1-1       | 1998        | Alarms systems – Alarm transmission systems and equipment – Part 1-1: General requirements for alarm transmission systems  |
| EN 50136-2-1       | 1998        | Alarm systems – Alarm transmission systems and equipment – Part 2-1: General requirements for alarm transmission equipment   |
| EN 50136-2-2       | 1998        | Alarm systems – Alarm transmission systems and equipment – Part 2-2: Requirements for equipment used in systems using dedicated alarm paths  |
| EN 50136-2-3       | 1998        | Alarm systems – Alarm transmission systems and equipment – Part 2-3: Requirements for equipment used in systems with digital communicators using the public switched telephone network |
| EN 50136-2-4       | 1998        | Alarm systems – Alarm transmission systems and equipment – Part 2-4: Requirements for equipment used in systems with voice communicators using the public switched telephone network   |
| EN ISO 3741        | 1999        | Acoustics – Determination of sound power levels of noise sources using sound pressure – Precision methods for reverberation rooms (ISO 3741:1999)                                      |

## 3 Definitions and abbreviations

### 3.1 Definitions

For the purpose of this standard the following definitions apply:

#### 3.1.1

##### **social alarm system**

system providing 24 hour facilities for alarm triggering, identification, signal transmission, alarm reception, 2-way speech communication, reassurance and assistance, for use by persons considered to be at risk

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