

Alarm systems - Social alarm systems - Part 3: Local unit and controller

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 50134-3:2002 sisaldab Euroopa standardi EN 50134-3:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.12.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 50134-3:2002 consists of the English text of the European standard EN 50134-3:2001.</p> <p>This document is endorsed on 18.12.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This part of the Standard describes the functions of, and gives minimum requirements for design, function and testing for the local unit and controller forming part of the social alarm system, as described in the requirements section of this standard.</p>	<p>Scope:</p> <p>This part of the Standard describes the functions of, and gives minimum requirements for design, function and testing for the local unit and controller forming part of the social alarm system, as described in the requirements section of this standard.</p>
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Võtmesõnad: communication equipment, public-address systems, radio circuits, signalling device, specification (approval), specifications, staff calling systems, stationary, stress, telecommunications, testing, transmission systems, tripping devices, warning systems, wireless

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English version

**Alarm systems -
Social alarm systems
Part 3: Local unit and controller**

Systèmes d'alarme -
Systèmes d'alarme sociale
Partie 3: Unité locale et contrôleur

Alarmanlagen -
Personen-Hilferufanlagen
Teil 3: Örtliche Zentrale und
Steuereinrichtung

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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

Foreword

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The following dates were fixed :

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2002-02-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2003-04-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annexes A and B are normative.

EN 50134 will consist of the following parts, under the general title "Alarm systems - Social alarm systems :

- Part 1 System requirements,
- Part 2 Trigger devices,
- Part 3 Local unit and controller,
- Part 4 (free),
- Part 5 Interconnections and communications,
- Part 6 (free),
- Part 7 Application guidelines.

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Introduction

Since malfunctions in local units and controllers may involve the risk of human life, it is essential that the technical quality and reliability of such equipment should be higher than that normally required for consumer electronics.

The design should also take into consideration situations where the user may be unable to send an alarm, or where an unwanted alarm may be sent, due to technical malfunctions or poor ergonomic design.

1 Scope

This standard specifies the requirements and tests for local units and controllers forming part of a social alarm system.

This standard applies to local units and controllers that receive an alarm triggering signal from manually or automatically activated trigger devices and convert this into an alarm signal for transmission to the alarm receiving centre or an alarm recipient.

The local unit and controller are either separate units or integrated into one unit.

This standard does not specify EMC emission or electrical safety requirements. These are covered by other standards.

2 Normative references

This European Standard incorporates, by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 50130-4 + A1	1995 1998	Alarm systems – Part 4: Electromagnetic compatibility – Product family standard : Immunity requirements for components of fire, intruder and social alarm systems
EN 50130-5	1998	Alarm systems – Part 5: Environmental test methods
EN 50134-2	1999	Alarm systems - Social alarm systems – Part 2: Trigger devices
EN 60529 + corr. May	1991 1993	Degrees of protection provided by enclosures (IP code) (IEC 60529:1989)
EN 60068-1	1994	Environmental testing – Part 1: General and guidance (IEC 60068-1:1988 + corrigendum Oct. 1988 + A1:1992)
ETS 300 113	1996	Radio Equipment and Systems (RES); Land mobile service; Technical characteristics and test conditions for radio equipment intended for the transmission of data (and speech) and having an antenna connector