UL 2572

STANDARD FOR SAFETY

Mass Notification Systems

UL Standard for Safety for Mass Notification Systems, UL 2572

Second Edition, Dated March 28, 2016

Summary of Topics

This revision of ANSI/UL 2572 dated February 26, 2026 includes the following changes in requirements:

> ***– Add Class N, C, D, E pathways, and requirements for multiple primary batteries; 5.35A, 33.3, 39.4.1, 41.1.1.1, 41.1.1.7, 41.1.1.8, 41.1.2.1, 41.1.3.1, 41.1.3A – 41.1.3C, 41.1.4.1, 41.1.5, 41.3.1, 41.4.1***

Text that has been changed in any manner or impacted by ULSE's electronic publishing system is marked with a vertical line in the margin.

The revised requirements are substantially in accordance with Proposal(s) on this subject dated March 21, 2025 and January 9, 2026.

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UL 2572

Standard for Mass Notification Systems

First Edition – October, 2011

Second Edition

March 28, 2016

This ANSI/UL Standard for Safety consists of the Second Edition including revisions through February 26, 2026.

The most recent designation of ANSI/UL 2572 as an American National Standard (ANSI) occurred on February 26, 2026. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

Comments or proposals for revisions on any part of the Standard may be submitted to ULSE at any time. Proposals should be submitted via a Proposal Request in the Collaborative Standards Development System (CSDS) at https://csds.ul.com.

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INTRODUCTION

1 Scope

1.1 These requirements cover discrete electrical control units, communication units, transport products which manipulate the data packets, interfaces, and accessories for mass notification systems to be employed in accordance with the National Fire Alarm and Signaling Code, NFPA 72.

1.2 The products covered by this standard are intended to be used in combination with other appliances and devices to form an emergency communication and/or mass notification system. These products are intended to communicate critical information within buildings and/or outdoor areas about emergencies including but not limited to terrorist activities, hazardous chemical releases, severe weather, fire, and other situations that may endanger the safety of the occupants of an area or facility. Communication is through voice and visual instructions, as well as alert and evacuation signals. An installation document(s) provided with the product describes the various products needed to form an emergency communication and/or mass notification system and their intended use and installation.

1.3 These requirements address emergency service personnel communication system interfaces used in the performance of their duties if that communication equipment is used to interface with or control the ECS/MNS.

1.4 Audible notification appliances are to be assessed to the Standard for Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories, UL 464, and the Standard for Speakers for Fire Alarm and Signaling Systems, Including Accessories, UL 1480. Visible notification appliances are to be assessed to the Standard for Signaling Devices for the Hearing Impaired, UL 1971, or the Standard for Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories, UL 1638, as applicable. Textual visible appliances are to be assessed to the UL 1638.

1.5 Products incorporating fire and/or security signaling functions or other life safety systems shall comply with the UL standards applicable to their intended function and application in addition to this standard.

1.6 Non-fire emergency manual actuating stations shall comply with the requirements of the Standard for General Purpose Signaling Devices and Systems, UL 2017.

2 Components

2.1 Except as indicated in 2.2, a component of a product covered by this standard shall comply with the requirements for that component. See Appendix A for a list of standards covering components used in the products covered by this standard.

2.2 A component is not required to comply with a specific requirement that:

a) Involves a feature or characteristic not required in the application of the component in the product covered by this standard, or

b) Is superseded by a requirement in this standard.

2.3 A component shall be used in accordance with its rating established for the intended conditions of use.

2.4 Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.

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3 Units of Measurement

3.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

4 Undated References

4.1 Any undated reference to a code or standard appearing in the requirements of this standard shall be interpreted as referring to the latest edition of that code or standard.

5 Glossary

5.1 For the purpose of this standard, the following definitions apply.

5.2 ACKNOWLEDGE – Action taken to confirm that a message or signal has been received, such as pressing a button.

5.3 ADVERSE CONDITION – Any condition occurring in a circuit or communication path that interferes with the proper signaling or interpretation of status-change signals or both. Conditions include radio frequency interference.

5.4 AIR-HANDLING SPACE – Space not specifically fabricated for environmental air-handling purposes but used for air handling purposes as a plenum. (The space above a hung ceiling used for environmental air-handling is an example.)

5.5 ALARM SIGNAL – A signal indicating an emergency condition requiring immediate action.

5.6 ALERT TONE – An attention-getting signal to alert occupants of the pending transmission of a voice message.

5.7 ANCILLARY FUNCTION/DEVICE – Non-emergency and/or non-fire devices for functions such as general paging, background music, or other non-emergency signals.

5.8 ANECHOIC CHAMBER – a room characterized by an unusually low degree of reverberation, simulating a free-field condition which is free from both internal and external acoustical interference.

5.9 ANNUNCIATOR – A unit containing one or more indicator lamps, alphanumeric displays, or other equivalent means in which each indication provides status information about a circuit, condition, or location.

5.10 AUTONOMOUS CONTROL UNIT (ACU) – The primary local control unit for an in-building mass notification system, which monitors and controls notification appliances for a protected premise or building.

5.11 BUILDING – Any structure used or intended for supporting or sheltering any use or occupancy. The term building is to be understood as if followed by the words or portions thereof[1)]. Also, a building can be further delineated as a subdivision of a structure:

a) Separate means of egress for the occupant load, but a minimum of two exits, and

b) Separated from all other building divisions by a minimum 2-hour rated fire protection construction system.

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