

TWO-WAY COMMUNICATION SYSTEMS

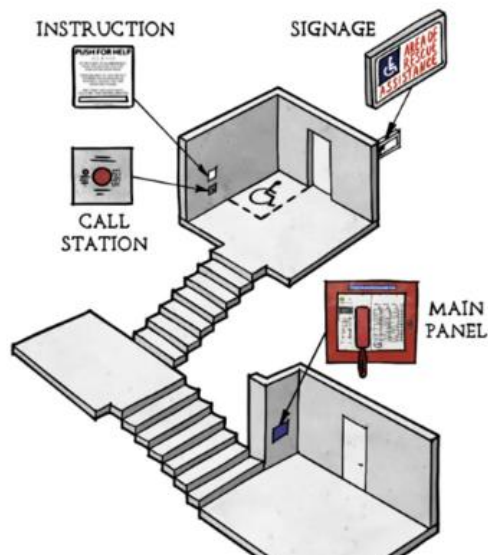
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SUMMARY

A **Two-Way Emergency Communication System** is a type of system that emphasizes both transmission and receipt (communication in both directions). These are used to help notify and facilitate help from emergency responders. These types of systems are also governed by NFPA 72.

Examples of Two-Way Emergency Systems include:

- **Area of Refuge** Two-Way Emergency Communication System (most popular)
- **Elevator Landing** Two-Way Emergency Communication System
- **Occupant Evacuation** Elevator Two-Way Emergency Communication System
- **Stairway** Communication Systems
- **Two-way Radio Communication Enhancement** Systems



Two-Way Communication System
(Area of Refuge System Shown)



Two-Way Communication System
(Area of Refuge System Shown)

CODE/STANDARD REFERENCES



IBC 2021: Section 1009.8 – Requirements for Two-Way Communication Systems

NFPA 72 – 2022: Chapter 24 – Requirements for installation of emergency two-way communication systems

NFPA 72 – 2022: Section 24.8 – Requirements for in-building (wired) two-way emergency communication systems

NFPA 72 – 2022: Section 24.9 – Requirements for two-way radio communication enhancement systems

NFPA 72 – 2022: Section 24.10 – Requirements for rescue assistance two-way emergency communication systems

NFPA 72 – 2022: Section 3.3.97.2 – Definition of Two-Way Emergency Communication System

VIDEO LINK

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