

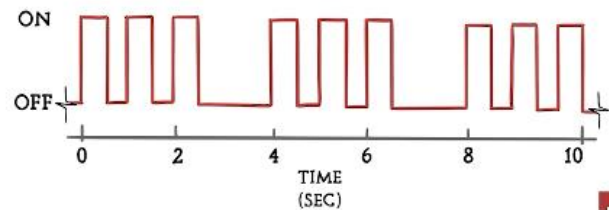
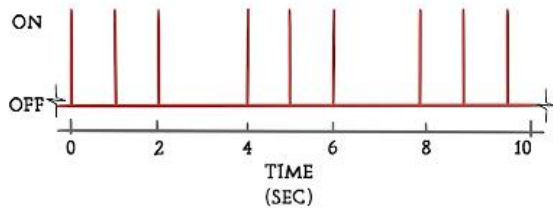
WHAT IS A TEMPORAL-3 SYSTEM?

INTRO TO NOTIFICATION & INITIATION SERIES BY MEYERFIRE UNIVERSITY | NOVEMBER 2022

SUMMARY

A Temporal-3 Fire Alarm System is a type of system that is defined by the Temporal-3 pattern used for notification.

- When a fire alarm system does not have speaker/voice capability, the system is typically known as a “horn/strobe system”. The other type of fire alarm systems is an “Emergency Voice/Alarm Communication System”, also known as a “Voice” system or “EVACS”.
- Consists of three pulses with a half-second “on” phase, half-second “off” phase, followed by a one-and-a-half second “delay”.
- Since the standard was adopted in NFPA 72 in 1996, this has become the standard fire alarm notification pattern.



The Temporal-3 Pattern showing the “on” and “off” phases on the right, or the instant-pulse for chimes on the left.
(Note the high mark of the graph, showing the “on” phase, and the low part showing the “off” phase in each diagram)

CODE/STANDARD REFERENCES



NFPA 72 – 2022: 18.4.2.1 Fire Alarm Signal to be distinctive in sound and not used for any other purpose

IFC – 2021: Section 907.5.2.1 Audible Alarm required to emit a “distinctive” sound unique to fire alarm

VIDEO LINK

www.meyerfire.com/university/what-is-a-temporal-3-system

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